

Texas Department of Transportation Year 1 Annual Report

Volume I



**Municipal Separate Storm Sewer System
(MS4) Permit Number WQ0005011000**

Texas Department of Transportation
Environmental Affairs Division
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Austin, Texas 78701

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February 2018



Texas Commission on Environmental Quality
Stormwater & Pretreatment Team Leader (MC-148)
P.O. Box 13087
Austin, Texas 78711-3087

Re: MS4 Annual Report Transmittal for the Texas Department of Transportation
TPDES Permit Authorization: WQ0005011000

Dear Team Leader:

This letter serves to transmit the Year 1 Annual Report for the Texas Pollutant Discharge Elimination System Municipal Separate Storm Sewer System Permit, Authorization Number WQ0005011000 for the Texas Department of Transportation. Also attached to this report are all annual reports for activities completed on all expired TxDOT MS4 permits for the interim months since each permit's last annual report and the date of authorization of the statewide permit.

A separate Notice of Change has not been submitted based on the fact that changes have not been proposed for the next permit year.

As required by the permit, a copy of this submittal has also been mailed to the TCEQ's regional office in Austin, Texas.

Sincerely,

A handwritten signature in blue ink, appearing to read "Carlos Swonke".

Carlos Swonke
Director of Environmental Affairs Division



TxDOT Statewide MS4 Annual Report

TPDES Individual Permit No. WQ0005011000

General Information

Authorization Number: WQ0005011000 Annual Report Year: 1 (11/30/2016-8/31/2017)

Name of MS4 / Permittee Texas Department of Transportation

Contact Name: Adrienne Boer Phone Number: 512-416-2605

Mailing Address: 125 E. 11th Street, Austin, Texas 78701-2483

E-mail Address: adrienne.boer@txdot.gov

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): Carlos Swonke Title: Director of Environmental Affairs Divisor

Signature:  Date: 2/22/18

Note: If this is 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).

Narrative Provisions

1. Provide information on the status of complying with permit conditions:

	Yes or No	Explain
TxDOT is currently in compliance with the SWMP as submitted to and approved by the TCEQ. <i>(Part III)</i>	Yes	NA
TxDOT is currently in compliance with recordkeeping and reporting requirements. <i>(Part IV Section B. and C.)</i>	Yes	NA
TxDOT meets the eligibility requirements of the permit (e.g., TMDL requirements Edwards Aquifer limitations, compliance history, etc.) <i>(Part II Section D.)</i>	Yes	NA

2. Provide a general assessment of the appropriateness of the selected BMPs. Use table below or attach a summary, as appropriate:

See following page.

2. Provide a general assessment of the appropriateness of the selected BMPs. Use table below or attach a summary, as appropriate:

Assessment of Appropriateness of BMPs:

The BMPs chosen to meet permit requirements are appropriate and adequate to meet the goals of the permit of reducing the discharge of pollutants to the maximum extent practicable.

TxDOT revised the SWMP to include editorial changes and to adjust reporting capabilities to better reflect our reporting process from TxDOT databases. See Attachment C for a revised SWMP with all edits shown in track changes mode.

As an example of the changes made to the SWMP, TxDOT added social media tracking numbers, billboards, and outdoor activities to BMP 1.3.1 Don't Mess With Texas program. TxDOT is using these resources frequently to reach the public. Note the data provided are not limited to the MS4 regulated area, as it is a statewide program.

Evaluation of the Success of the Implementation of Measurable Goals:

TxDOT successfully implemented the required BMPs per measurable goal, and exceeded goals in some cases. Each BMP listed on the following pages of this report indicates the success of each measurable goal (see column "Met Goal?").

TxDOT would like to note the following for this year's data collection. The TxDOT.gov website tracking numbers do not include the month of August, as TxDOT changed our website management service and the data were deemed inaccurate by the provider. This may show a variation in our reported numbers in our annual report when comparing 2017 to 2018.

Also, currently the Adopt-a-Highway trash collection quantities cannot be provided separately among adopted roadway segments based upon how the trash is collected, but we have provided the amount per district. There are 613 adopted 2-mile segments within the MS4 of the 4,715 segments adopted. We consider implementation of the measurable goal beneficial, so we will continue to report the numbers on a district-wide basis. The SWMP has been modified to reflect this change.

Accomplishments and Additional Activities Completed:

The first year of our permit included analysis of our current tools, databases, and processes. To improve our capability to report, ensure compliance, and ensure we manage to the maximum extent practicable, we developed and continue to develop tools.

For example, we developed an on-line internal-facing GIS tool which includes all of our facilities throughout the state overlaid by our MS4 regulated area. The facilities data includes detailed permitting information, such as permits held, RN number, petroleum storage tank information, and other information. This tool is used by staff to select facilities to complete facility surveys, while also meeting permit requirement to keep a log of our facility inspections completed (see SWMP BMPs 5.3.2.a and b).

We are also developing a district MS4 Coordinator Handbook that describes the specific activities each district needs to complete throughout the year, including internal contacts, forms, and procedures;

completing our automated electronic annual report; and where to go for additional help. The Handbook is currently drafted and will be finalized once the first year's annual report is complete.

TxDOT was also actively involved in the Gilleland Creek I-Plan Revision and Stakeholder Committee (Austin). The I-Plan has been updated and is available on TCEQ's website.

Summary of Stormwater Activities Planned During the Next Reporting Year:

See Attachment C, which includes the SWMP. The tables at the end of each section list the BMPs planned for implementation and the timeframe.

In particular, Year 2 will include developing a prioritization scheme for illicit discharge investigations within our Phase I area, to meet SWMP BMP 2.3.9.d. We anticipate completing this analysis in Year 2.

Additionally, the Adopt-a-Highway (AAH) program is migrating to a new database to more accurately and easily report data. This may affect the way the data is reported with the next annual report and may look differently when comparing 2017 to 2018. We will report on this in the Year 2 annual report.

TxDOT is currently adding functionality to our stormwater webpage to allow for electronic submittal of NOIs to our District MS4 Coordinator, so that we can accurately track non-TxDOT construction projects draining to our MS4, and to make submittal to TxDOT much simpler and easier for the regulated public. We anticipate the location of the electronic submittal to be at the following link:

<http://www.txdot.gov/inside-txdot/division/environmental/ms4-noi.html>

TxDOT will be preparing the reporting for the TMDL component of the permit. TMDL activities listed in our SWMP Section 7.0 will be reported beginning in Year 2 of the permit. We will also be completing outfall mapping and structural controls mapping at five additional districts.

TxDOT is beginning outreach work with the Shoal Creek Watershed Stakeholder group. We continue to search for ways to join our program with other outreach efforts to stay connected with interested stakeholder groups.

Additional Requirements as Listed in Permit, Section IV.C.2.:

(a) The status of the compliance with permit conditions, an assessment of the appropriateness of the identified BMPs, progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals;

Responses to (a) have been detailed previously in this report.

(b) A summary of the results of information collected and analyzed, during the reporting period, including monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP;

No data were collected in Year 1.

(c) Where applicable, a summary of any activities taken to address the discharge to impaired waterbodies, including any sampling results and a summary of the permittee's BMPs used to address the pollutant of concern;

This activity will be reported in Year 2.

(d) Progress toward reducing the discharge of the POCs to impaired waterbodies and all reporting requirements listed in Part II.D.3;

This activity will be reported in following years as we begin our TMDL/impaired water bodies assessment. See SWMP for schedule.

(e) A summary of the stormwater activities the permittee plans to undertake during the next reporting year;

Responses to (e) have been detailed previously in this report.

(f) Proposed changes to the statewide SWMP, including changes to any BMPs or any identified measurable goals that apply to the program elements;

Responses to (f) have been detailed previously in this report. Also see Attachment C.

(g) Description and schedule for implementation of additional BMPs that may be necessary, based on monitoring results, to ensure compliance with applicable TMDLs and implementations plans;

Activities will be reported in following years as we begin our TMDL assessment. See SWMP for schedule.

(h) Notice that the permittee is relying on another government entity(ies) to satisfy some of its permit obligations (if applicable);

Not applicable.

(i) The number of construction activities that occurred within the regulated area of the permittee;

One hundred sixty (160) construction projects were within the regulated area during this permit year.

(j) The number on inspections conducted at construction sites;

TxDOT districts typically choose the weekly inspection interval over the every 2 weeks and after a 0.5 inch rainfall interval. Compliance with inspection requirements of the Construction General Permit are verified by District Environmental Quality Coordinators (DEQC) through inspections. See BMP 3.3.6.

(k) A summary describing the number and nature of enforcement actions and inspections where applicable

This permit requirement is interspersed among many of the BMPs. See the annual report following this general assessment for a summary of those activities.

(l) Annual expenditures for the reporting year, with a breakdown for the major elements of the SWMP, and the budget for the year (reporting year) following each annual report.

See Attachment CC.

3. The following lists measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals:

MCM	Measurable Goal	Success	Met Goal?	
1.3.1 - DMWT Program	Record the number of TV and radio ads, social media views, outdoor events, and billboards. Include costs.	Number of TV Ads:	259	Met Goal
		TV Ad Cost:	\$ 87,728	Met Goal
		Number of Radio Ads:	6,161	Met Goal
		Radio Ads Cost:	\$ 483,906	Met Goal
		Social Media Views:	16,597,692	Met Goal
		Social Media Cost:	\$ 169,246	Met Goal
		Outdoor Activities Hosted:	3	Met Goal
		Outdoor Activities Cost:	\$ 412,175	Met Goal
		Billboards:	20	Met Goal
		Billboard Cost:	\$ 295,000	Met Goal
1.3.2 - "Adopt-a-Highway" Program	Report the number of volunteers, how many miles were adopted, and volume of materials removed.	<i>Refer to District-Specific Data Sheet. Also refer to Attachment F, Compass Code 525.</i>	Met Goal	
1.3.3 - "Texas Trash-Off" Program	Report the number of volunteers, events, roadway miles cleared, and the pounds of trash collected. Provide copy of Trash-off Planner.	Number of Events:	1	Met Goal
		Number of Volunteers:	6,116	Met Goal
		Number of Roadway Miles Cleared:	948	Met Goal
		Pounds of Trash:	134,240	Met Goal
		<i>Refer to Attachment A</i>		Met Goal
1.3.4-"Texas Highways Magazine"	The number of printed copies and the number of E-mails of electronic copies distributed.	Number of Printed Copies and Electronic Copies distributed:	174,751	Met Goal
1.3.5 - TxDOT's Webpages	Number of views from these web pages.	TxDOT Wepage Views:	968,383	Met Goal
		DMWT Webpage Views:	105,280	Met Goal
		ENV Webpage Views:	6,758	Met Goal
		Stormwater Webpage Views:	971	Met Goal
1.3.6 - Education of Construction Site Personnel	Record number of participants as well as document number of posters when provided.	<i>Refer to Attachment B</i>	Met Goal	
1.3.7-Education of Herbicide Application Personnel	Record number of participants.	<i>Refer to Attachment B</i>	Met Goal	
2.3.1 - Update SWMP and MCM Implementation	Provide updated SWMP.	<i>Refer to Attachment C</i>	Met Goal	
2.3.2 - Update List of Allowable Non-Stormwater Discharges	Provide updated List in SWMP.	<i>Refer to Attachment D</i>	Met Goal	

MCM	Measurable Goal	Success		Met Goal?
2.3.3-MS4 Areas Mapping	Update MS4 maps to include 20 percent of new mapped outfalls, relocated outfalls, and deleted outfalls.	<p style="text-align: center;"><i>Refer to Attachment E.</i> <i>An interactive map of the data can be found on-line at http://www.txdot.gov/inside-txdot/division/environmental/aots.html</i></p>		Exceeded Goal
2.3.4-Education and Training	Record the number of participants for each training class.	<i>Refer to Attachment B</i>		Met Goal
2.3.5 - Public Reporting of Illicit Discharges and Spills	Report the number calls and complaint forms received from the DMWTW reporting system and the TxDOT Stormwater Webpage complaint page.	Report the number calls and complaint forms received:	0	Met Goal
2.3.6-Spill Prevention and Response	Report the number spills responded to. Compass Function Codes 520, 830.	<i>Refer to Attachment F</i>		Met Goal
2.3.7-Source Investigation and Elimination	Provide a list of illicit discharges/illicit connections detected. Summarize and report all follow-up actions resulting from screening to include identified RP and cost.	<i>Refer to Attachment G</i>		Met Goal
2.3.8-Inspections	Report the number inspections performed and provide a summary, if available, of the RP, cost, and enforcement.	<i>Refer to Attachment G</i>		Met Goal
2.3.9.a - Overflows and Infiltration	Report the number utility permits issued.	<i>Refer to District-Specific Data Sheet</i>		Met Goal
2.3.9.b - List of Dischargers	Update list of dischargers, as necessary.	<i>Refer to Attachment H</i>		Met Goal
2.3.9.c - Hazardous Waste and Used Motor Vehicle Fluids	Report the number of promotions, the type of promotion and the intended audience in the annual report.	<i>Refer to District-Specific Data Sheet and Attachment I</i>		Met Goal
2.3.9.d -Identification of Priority Areas	Update list of priority areas, as necessary.	<i>Refer to Attachment J</i>		Met Goal
2.3.9.e. - Dry Weather Inspections	2.3.9.e. Screen 20 percent of the previously permitted Phase I areas and report the number of dry weather inspections performed.	Number of Dry Weather Inspections:	1,490	Exceeded Goal
2.3.9.f - Wet Weather Program	Include the Wet Weather Analysis in the fourth reporting year annual report.	<i>To be reported in Year 4.</i> <i>Refer to Attachment K</i>		In Progress
2.3.10.a-Spill Prevention and Response	Continue to implement and improve, as necessary, programs that prevent, contain, and respond to spills that may discharge into the MS4. Compass Function Codes 520, 830.	<i>Refer to Attachment F</i>		Met Goal

MCM	Measurable Goal	Success	Met Goal?
2.3.10.b-Agency coordination	Report any agency coordination conducted during the reporting year in the annual report.	<i>Refer to Attachment L</i>	Met Goal
3.3.1-Program Development	All new elements and elements in newly regulated Phase II areas completed will be included in the annual report.	All elements are being implemented in each of the applicable BMPs.	Met Goal
3.3.2-SWMP Update	Review and update as necessary, the SWMP and MCM implementation procedures.	<i>Refer to Attachment C</i>	Met Goal
3.3.3-Erosion and Sediment Control	Report the number of Forms 2448 for all other sites, obtained during the permit year.	<i>Refer to District-Specific Data Sheet</i>	Met Goal
3.3.4 - Prohibited Discharges	If changes are made to the list, those changes will be included in the current reporting year annual report.	<i>Refer to Attachment M</i>	N/A
3.3.5-Construction Plan Review Procedures	Report the number of pre-construction meetings completed during the permit year.	<i>Refer to District-Specific Data Sheet</i>	Met Goal
3.3.6-Construction Site Inspections and Enforcement	Report the number of Forms 2448 obtained during the permit year.	<i>Refer to District-Specific Data Sheet</i>	Met Goal
3.3.7-Information submitted by the Public	Report the number construction calls and complaint forms received during the reporting year.	<i>Refer to District-Specific Data Sheet</i>	Met Goal
3.3.8-MS4 Staff Training	Report the number of TxDOT staff and contractors that participated in Special Provision 506-003, Section 506.3.3 for the CRPE, CRPE Alternate, Contractor Superintendent, etc, and EMS training modules during the reporting year.	<i>Refer to Attachment B</i>	Met Goal
3.3.9.a - List of Sites	Maintain a current list of Non-TxDOT construction sites active during the permit year, including the name, location, and permit number of the discharges that have been authorized under an NPDES or TPDES stormwater discharge permit.	<i>Refer to District-Specific Data Sheet and Attachment N</i>	Met Goal
3.3.9.b - Education and Training	Education and training of construction site operators.	<i>Refer to Attachment B</i>	Met Goal
4.3.1-Program Development	Implement all applicable new elements and all applicable elements in newly regulated Phase II MS4 areas by the end of the current permit term.	All elements are being implemented in each of the applicable BMPs.	Met Goal

MCM	Measurable Goal	Success		Met Goal?
4.3.2 -Ordinances and Other Regulatory Mechanisms	Report any changes to current regulatory mechanisms, if made.	<i>Refer to Attachment O</i>		N/A
4.3.3 - SWMP Update	Review and update as necessary, the SWMP and MCM implementation procedures	<i>Refer to Attachment C</i>		Met Goal
4.3.4 -Documentation and Records	Retain all associated records for at least three years after coverage under this permit terminates.	Records Are Available.		Met Goal
4.3.5-Long-term Operation and Maintenance	Amount of maintenance activities performed on post construction controls.	<i>Refer to District-Specific Data Sheet</i>		Met Goal
5.3.1-Program Development	Implement all applicable new elements and all applicable elements in newly regulated Phase II MS4 areas by the end of the current permit term.	All elements are being implemented in each of the applicable BMPs.		Met Goal
5.3.2.a - TxDOT- Owned Facilities and Control Inventory	Log the number of inspections completed during the permit year in the annual report.	Number of Inspections:	13	Met Goal
5.3.2.b - TxDOT- Owned Facilities and Control Inventory	Include the number of inspections completed during the permit year in the annual report.	Number of Inspections:	13	Met Goal
5.3.2.c.-TxDOT- Owned Facilities and Control Inventory	Map/locate permanent structural controls. Perform mapping of 5 districts per year. Include updated map in the annual report.	<i>Refer to Attachment P. An interactive map of the data can be found on-line at http://www.txdot.gov/inside-txdot/division/environmental/aots.html</i>		Met Goal
5.3.2.d.-TxDOT- Owned Facilities and Control Inventory	Report the number of facility inspections in the annual report. Volume of spoil, sediment, and trash in Compass Codes 520, 521, 522, 523, 524, 527, 561, 562, 563, 570, and 620.	Number of Inspections:	13	Met Goal
		<i>Refer to Attachment F</i>		Met Goal
5.3.3-Training and Education	Record the number of TxDOT staff and contractor participants for each training class.	<i>Refer to Attachment B</i>		Met Goal
5.3.4-Disposal of Waste Material	Report the cost and volumes from Compass Data. Compass Function Codes: 511, 513, 830, 831.	<i>Refer to Attachment F</i>		Met Goal

MCM	Measurable Goal	Success		Met Goal?
5.3.5-Contractor Requirements and Oversight	Report the number of utility permit requests received from contractors during the permit year in the annual report. Any issues relayed to contractor operations will also be included, as necessary, in the annual report.	<i>Refer to District-Specific Data Sheet</i>		Met Goal
5.3.6.a-Roadway Operation and Maintenance Activities	Report the costs, number of acres mowed and chemical controls used during the permit year and include in the annual report. Compass Function Codes 511, 513, 541 and 545.	<i>Refer to Attachment F</i>		Met Goal
5.3.6.b-Roadway Operation and Maintenance Activities	Report the costs and cubic yards of ditches cleaned during the permit year and include in the annual report. Compass Function Codes 561.	<i>Refer to Attachment F</i>		Met Goal
5.3.6.c-Roadway Operation and Maintenance Activities	Report the pesticide herbicide cost from Compass Function Codes 548, 551, 552 and 540.	<i>Refer to Attachment F</i>		Met Goal
5.3.6.d-Roadway Operation and Maintenance Activities	Report the number of inspections performed	Number of Inspections:	13	Met Goal
5.3.6.e-Roadway Operation and Maintenance Activities	Report the number of inspections performed	Number of Inspections:	13	Met Goal
5.3.7.a- Structural Control Maintenance	The number of inspections completed, and the cost of trash and debris removed, if available, from permanent structural controls during the permit year, in Compass Codes 520, 521, 522, 523, 524, 572, 561, 562, 563, 570, and 620.	Number of Inspections:	13	Met Goal
		<i>See Attachment F</i>		Met Goal

MCM	Measurable Goal	Success	Met Goal?
5.3.7.b- Structural Control Maintenance	Map/locate permanent structural controls, such as detention/irrigation ponds, hazardous waste traps, sand filter traps, infiltration ponds, or catch basins	<p style="text-align: center;"><i>Refer to Attachment P.</i> <i>An interactive map of the data can be found on-line at</i> http://www.txdot.gov/inside-txdot/division/environmental/aots.html</p>	Met Goal
5.3.7.c- Structural Control Maintenance	The volume, quantity and cost of spoil, sediment and trash removed, in Compass Codes 520, 521, 522, 523, 524, 527, 561, 562, 563, 570, and 620.	<p style="text-align: center;"><i>Refer to Attachment F</i></p>	Met Goal
5.3.7.d- Structural Control Maintenance	The number of miles mowed during the permit year.	<p style="text-align: center;">Reported in Section 5.3.6.a</p>	Met Goal
5.3.7.e- Structural Control Maintenance	The miles of ditches cleaned during the permit year.	<p style="text-align: center;">Reported in Section 5.3.6.b</p>	Met Goal
5.3.8a- Pesticide, Herbicide, and Fertilizer Application and Management	Landscape maintenance. Report the number of miles mowed during the permit year.	<p style="text-align: center;">Reported in Section 5.3.6.a</p>	Met Goal
5.3.8b- Pesticide, Herbicide, and Fertilizer Application and Management	Report employees trained.	<p style="text-align: center;">Reported in Section 5.3.3</p>	Met Goal
5.3.8c- Pesticide, Herbicide, and Fertilizer Application and Management	Report implementation of controls to reduce the discharge of pollutants related to the storage and application of pesticides, herbicides, and fertilizers.	<p style="text-align: center;">Reported in Section 5.3.6.c</p>	Met Goal

MCM	Measurable Goal	Success			Met Goal?
5.3.8d- Pesticide, Herbicide, and Fertilizer Application and Management	Report collection and disposal of unused pesticides, herbicides, and fertilizers.	Reported in Section 5.3.6.c			Met Goal
6.3.1-Dry Weather Screening	Report on screening of the Phase I areas to detect the presence of illicit connections and improper discharges from adjacent MS4s and illegal third parties discharges to the MS4.	Reported in Section 2.3.9			Exceeded Goal
6.3.2-Evaluation of Water Quality	In Year 4, evaluate the listed watersheds using existing stormwater characterization data collected by reliable sources such as TCEQ, local river authorities, partnerships, and/or other local efforts as appropriate.	Reported in Section 2.3.9			In Progress
6.3.3-Floatables	Report implementation of statewide programs including the "Don't Mess with Texas" campaign, the "Adopt-a-Highway" program, and street sweeping to reduce the discharge of floatables into the statewide MS4.	Reported in Sections 1.3.1, 1.3.2, 1.3.3, 5.3.4, 5.3.6, and 5.3.7			Met Goal
7.3.1 -Discharges to Water Quality Impaired Water Bodies with an Approved TMDL	If the assessment indicates that TxDOT's operations may potentially contribute as a source of an adopted TMDL POC, TxDOT will implement appropriate BMPs and include in the annual report those impaired water bodies and POCs identified.	<i>Assessment completed in first permit year, to be reported in Year 2 annual report. Refer to Attachment Q</i>	Contributes:	N/A	Met Goal
7.3.1.1 -Targeted Controls	TxDOT will identify areas of focused effort or identify additional BMPs that will be implemented to reduce the POCs in the impaired waters.	<i>Refer to Attachment R</i>	Developed:	N/A	In Progress
7.3.1.2 - Measurable Goals	For each targeted control, TxDOT will include a measurable goal and an implementation schedule describing BMPs to be implemented during each year of the permit term.	<i>Refer to Attachment S</i>	Developed:	N/A	In Progress

MCM	Measurable Goal	Success			Met Goal?
7.3.1.3 - Identification of Benchmarks	TxDOT will identify a benchmark goal (see Table 7.2) for the identified POC based on the watershed and TxDOT's district locations with one of the options provided in Section 7.3.1.3)a), b), c), or d) options.	<i>Refer to Attachment T</i>	Selection and Implementation is Reported:	N/A	In Progress
7.3.1.4 - Statewide Annual Report	Conduct an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark goal. Include analysis in annual report.	<i>Refer to Attachment U</i>	Conducted:	N/A	In Progress
			Included:	N/A	In Progress
7.3.1.5- Impairment for Bacteria	TxDOT has addressed the potential sources and will provide a summary of its findings in the annual report.	<i>Refer to Attachment V</i>	Evaluated:	N/A	In Progress
7.3.1.6- Monitoring or Assessment of Progress	Include documentation of this monitoring or assessment in the annual reports.	<i>Refer to Attachment W</i>	Included:	N/A	In Progress
7.3.1.7- Observing no Progress Toward the Benchmark Goal	These revised BMPs will be included in the SWMP and subsequent annual reports.	<i>Refer to Attachment X</i>	Included:	N/A	In Progress
7.3.2-Discharges Directly to Water Quality Impaired Water Bodies Without an Approved TMDL	If TxDOT discharges directly into an impaired water body without an approved TMDL, TxDOT will perform the following activities for the areas of the MS4. Update Table 7.3.	<i>Discharges into Water Bodies:</i>			Met Goal
		<i>Assessment completed in first permit year, to be reported in Year 2 annual report.</i>			
7.3.2.1- Discharging a Pollutant of Concern	Determining if discharges from the MS4 would be likely to contain the POCs at levels of concern.	<i>To be Reported in Year 2.</i> <i>Refer to Attachment Y</i>			In Progress
	Ensure that the SWMP includes focused BMPs, along with corresponding measurable goals, that TxDOT will implement.	<i>To be Reported in Year 3.</i> <i>Refer to Attachment Y</i>			In Progress
	Submit notification of any additional BMPs to address the POCs to TCEQ.	<i>To be Reported in Year 4.</i> <i>Refer to Attachment Y</i>			In Progress

MCM	Measurable Goal	Success	Met Goal?
7.3.2.2- Impairment of Bacteria	TxDOT has addressed the potential sources and will provide a summary of its findings in the annual report.	<p style="text-align: center;"><i>Reported in Year 4.</i></p> <p style="text-align: center;"><i>Refer to Attachment Z</i></p>	In Progress
7.3.2.3-Annual Report	Submit notification of any additional BMPs to address the POCs to TCEQ.	<p style="text-align: center;"><i>Refer to Attachment AA</i></p>	In Progress
8.3.1 - TxDOT Agency Approved WPAPs	Submit a list of agency-approved WPAPs in the annual report for the respective permit year.	<p style="text-align: center;"><i>Refer to Attachment BB</i></p>	Met Goal
9.1 -Expenditures	Develop the cost of expenditures representative of the funding spent on the stormwater management program. Include the expenditures in the annual report.	<p style="text-align: center;"><i>Refer to Attachment CC</i></p>	Met Goal
10.1 - Point of Discharge Mapping	Map points of discharge from the MS4 area that were not submitted with the TxDOT MS4 permit application received by TCEQ on March 18, 2013. Completion of 20 percent per year. Submit updated maps with the annual report.	<p style="text-align: center;"><i>Refer to Attachment DD.</i></p> <p style="text-align: center;"><i>An interactive map of the data can be found on-line at</i> <i>http://www.txdot.gov/inside-txdot/division/environmental/aots.html</i></p>	Met Goal
10.2 - Major Structural Control Mapping	Map the location of major structural controls for stormwater discharge, including detention/retention ponds, major infiltration devices, etc. Completion of 20 percent per year. Submit updated maps with the annual report.	<p style="text-align: center;"><i>Refer to Attachment EE.</i></p> <p style="text-align: center;"><i>An interactive map of the data can be found on-line at</i> <i>http://www.txdot.gov/inside-txdot/division/environmental/aots.html</i></p>	Met Goal

District-Specific Data

BMP	Measurable Goal	Abilene	Amarillo	Atlanta	Austin	Beaumont	Bryan	Corpus Christi	Dallas	El Paso	Fort Worth	Houston	Laredo	Lubbock	Odessa	Paris	Pharr	San Angelo	San Antonio	Tyler	Waco	Wichita Falls	Yoakum	Totals
1.3.2-"Adopt-a-Highway" Program	Number of Volunteers	1444	1576	1559	885	525	885	1575	0	2207	2801	2376	678	835	1840	0	2215	460	5884	1763	2224	1459	1831	35,022
	Number of Miles Adopted	256	246	236	320	132	200	244	232	380	398	328	150	198	306	0	284	226	1154	388	480	220	318	6,696
	Volume Materials Removed (lbs)	32580	15260	10300	43720	10660	34920	2200	38580	73220	40680	41380	560	37860	25300	0	59860	20440	139500	38740	63980	15560	27620	772,920
2.3.3-MS4 Areas Mapping	Provide updated map displaying surface waters receiving discharges.	<i>Refer to Attachment E</i>																						
2.3.6-Spill Prevention and Response	Report the number spills responded to. Compass Function Codes 520, 830.	<i>Refer to Attachment F</i>																						
2.3.7-Source Investigation and Elimination	Provide a list of illicit discharges/illicit connections detected. Summarize and report all follow-up actions resulting from screening to include identified RP and cost.	<i>Refer to Attachment G</i>																						
2.3.8-IDDE Inspections	Report the number inspections performed and provide a summary, if available, of the RP, cost, and enforcement.	<i>Refer to Attachment G</i>																						
	Illicit Flow Upstream Number of Inspections.	2	0	0	1	2	0	1	0	0	1	10	0	2	0	0	0	0	16	0	0	2	0	0
2.3.9.a-Overflows and Infiltration	Report the number of utility permits issued.	30	133		754	53		84	332	88	727	1,207	617	107					3,430		57			7,619
2.3.9.b-List of Dischargers	Changes will be included in the current reporting year annual report.	<i>Refer to Attachment H</i>																						
2.3.9.c-Hazardous Waste and Used Motor Vehicle Fluids	Number of Promotions	1	2		0	0		0	0	0	0	0	0	0					0		4			7
	Report the type of promotion and the intended audience.	<i>Refer to Attachment I</i>																						
2.3.9.d-Identification of Priority Areas	Update list, report if changes are made.	<i>Refer to Attachment J</i>																						

BMP	Measurable Goal	Abilene	Amarillo	Atlanta	Austin	Beaumont	Bryan	Corpus Christi	Dallas	El Paso	Fort Worth	Houston	Laredo	Lubbock	Odessa	Paris	Pharr	San Angelo	San Antonio	Tyler	Waco	Wichita Falls	Yoakum	Totals
2.3.10.a-Spill Prevention and Response	Continue to implement and improve, as necessary, programs that prevent, contain, and respond to spills that may discharge into the MS4. Compass Function Codes 520, 830.	<i>Refer to Attachment F</i>																						
2.3.10.b-Agency coordination	Report any agency coordination conducted during the reporting year in the annual report.	<i>Refer to Attachment L</i>																						
3.3.3-Erosion and Sediment Control	Report the number of Form 2448 for all sites, obtained during the permit year.	2	3	3	18	10	7	10	20	3	8	21	3	3	7	4	1	1	9	3	8	6	11	161
3.3.5-Construction Plan Review Procedures	Report the number of pre-construction meetings obtained during the permit year.	2	3	3	18	10	7	10	19	3	8	21	3	3	7	4	1	1	9	3	8	6	11	160
3.3.6-Construction Site Inspections and Enforcement	Report the number of forms 2448 obtained during the permit year.	2	3	3	18	10	7	10	20	3	8	21	3	3	7	4	1	1	9	3	8	6	11	161
3.3.7-Information submitted by the Public	Report the number construction calls and complaint forms received during the reporting year.	0	0	0	8	0	0	0	2	565	0	0	0	0	0	0	97	0	1	0	0	0	130	803
3.3.8-MS4 Staff Training	Report the number of contractors that participated in Special Provision 506-003, Section 506.3.3 for the CRPE, CRPE Alternate, Contractor Superintendent, etc, and EMS training modules during the reporting year.	<i>Refer to Attachment B</i>																						

BMP	Measurable Goal	Abilene	Amarillo	Atlanta	Austin	Beaumont	Bryan	Corpus Christi	Dallas	El Paso	Fort Worth	Houston	Laredo	Lubbock	Odessa	Paris	Pharr	San Angelo	San Antonio	Tyler	Waco	Wichita Falls	Yoakum	Totals
3.3.9.a- List of Sites	Report current list of non-TxDOT construction sites active during the permit year, including the name, location, and permit number of the discharges that have been authorized under an NPDES or TPDES stormwater discharge permit.	<i>Districts affirm immediately below if they have received non-TxDOT NOIs during the permit year. For NOIs and/or lists of projects, refer to Attachment N</i>																						
	Received non-TxDOT NOIs?	N/A	Yes		Yes	N/A		N/A	N/A	N/A	Yes	N/A	Yes	N/A						No		N/A		
4.3.4- Documentation and Records	Make records available for review by the TCEQ.	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes	Yes	Yes	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes	Yes	
4.3.5-Long-term Operation and Maintenance	Amount of maintenance activities performed on post construction controls.	\$ 2,248	\$ 285,326	\$ 146,317	\$ 49,403	\$ -	\$ -	\$ -	\$ 798,304	\$ -	\$ -	\$ 11,884,611	\$ -	\$ 184,161	\$ -	\$ 64,170	\$ 71,300	\$ 343,407	\$ 189,769	\$ 8,700	\$ -	\$ -	\$ 152,180	\$ 14,179,896
5.3.2.d.-TxDOT-Owned Facilities and Control Inventory	Report the number of facility inspections in the annual report. Volume of spoil, sediment, and trash in Compass Codes 520, 521, 523, 524, 561, 570.	<i>Refer to Narrative Provisions and Attachment F</i>																						
5.3.4-Disposal of Waste Material	Report the cost and volumes from Compass Data. Compass Function Codes: 511, 513, 830, 831.	<i>Refer to Attachment F</i>																						
5.3.5-Contractor Requirements and Oversight	Report the number of utility permit requests received from contractors during the permit year.	32	133	4	754	512	3	109	1388	131	829	2506	617	107	96	41	1640	12	4142	35	67	57	4	13,219
5.3.6.a-Roadway Operation and Maintenance Activities	Report the costs, number of acres mowed and chemical controls used during the permit year and include in the annual report. Compass Function Codes 511, 513, 541 and 545.	<i>Refer to Attachment F</i>																						
5.3.6.b-Roadway Operation and Maintenance Activities	Report the costs and cubic yards of ditches cleaned during the permit year and include in the annual report. Compass Function Codes 561.	<i>Refer to Attachment F</i>																						

BMP	Measurable Goal	Abilene	Amarillo	Atlanta	Austin	Beaumont	Bryan	Corpus Christi	Dallas	El Paso	Fort Worth	Houston	Laredo	Lubbock	Odessa	Paris	Pharr	San Angelo	San Antonio	Tyler	Waco	Wichita Falls	Yoakum	Totals
5.3.6.c-Roadway Operation and Maintenance Activities	Report the pesticide herbicide cost from Compass Function Codes 548 and 540.	<i>Refer to Attachment F</i>																						
5.3.7.a-Structural Control Maintenance	The number of inspections completed, and the cost of trash and debris removed, if available, from permanent structural controls during the permit year, in Compass Codes 520, 521, 523, 524, 561, 570.	<i>Refer to Narrative Provisions and Attachment F</i>																						
5.3.7.c-Structural Control Maintenance	The volume, quantity and cost of spoil, sediment and trash removed, in Compass Codes 520, 521, 523, 524, 561, 570.	<i>Refer to Attachment F</i>																						
8.3.1-TxDOT Agency Approved WPAPs	Submit a list of agency-approved WPAPs for the respective permit year.	<i>Refer to Attachment CC</i>																						

Attachment A

Provide Copy of Trash-Off Planner (Appendix to BMP 1.3.3)

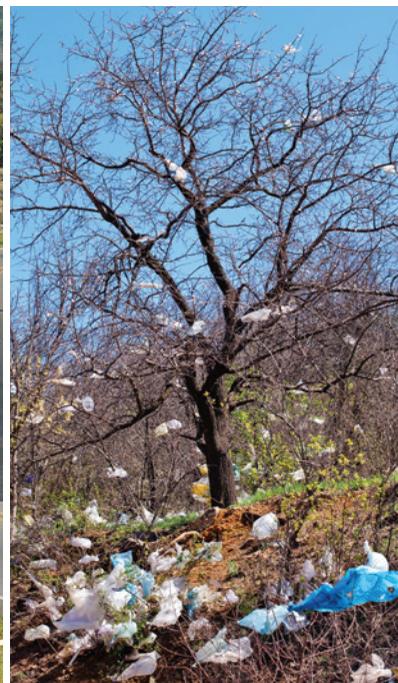
PROGRAM PLANNER



Don't mess with Texas®

TRASH-OFF

APRIL 8, 2017





Don't mess with Texas®

TRASH-OFF

APRIL 8, 2017

Hello!

The 2017 Don't mess with Texas® Trash-Off is scheduled for Saturday, April 8th! Every year, the Texas Department of Transportation encourages Texans from all walks of life to do their part and showcase their Texas pride by volunteering to clean-up and beautify their communities.

Trash-Off is the single largest one-day cleanup event in the state and is Texas's signature event for the Keep America Beautiful Great American Cleanup, the nation's largest community improvement program. Last year 31,191 Adopt-a-Highway and Keep Texas Beautiful volunteers picked up 1.5 million pounds of litter, cleaning up approximately 3,957 miles of Texas highway. As always, we strive to make 2017 even better!

The information in this planner is designed to assist you with the planning and execution of a successful Trash-Off. If you have questions that aren't addressed here, contact me at 512-486-5912 or at Catherine.Cromer@txdot.gov.

Thank you for your hard work and commitment to the program! The Don't mess with Texas Trash-Off wouldn't happen without the hard work of our volunteers and of course, you!

Catherine Cromer
Travel Information Division

Don't mess with Texas®

TRASH-OFF

APRIL 8, 2017



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Don't mess with Texas

TRASH-OFF

APRIL 9, 2016

2016
IMPACT

1,359 events
across Texas



34,191
volunteers

3,957
miles of highway cleaned



1.5 million
pounds of litter collected

The Don't mess with Texas Trash-Off began in 1986 as a call to action to refrain from littering on one designated day. In 1987, the Trash-Off expanded to include all of the Adopt-a-Highway groups in a one-day, statewide litter pickup. In 1993, Keep Texas Beautiful volunteers joined Adopt-A-Highway volunteers for the Trash-Off.

The Trash-Off is Texas' largest single one-day cleanup event and serves as Texas' signature event for the Great American Cleanup (GAC), managed by Keep America Beautiful, which takes place annually, all across the nation, from March 1 through May 31. These events provide opportunities to get the word out to everyone that we must take pride in our state and our country.



OVERVIEW

On Saturday, April 8, 2017 thousands of volunteers across the state will work to clear Texas of litter and beautify their communities as part of the state's largest single-day cleanup.

Every year dedicated Adopt-a-Highway groups perform roadside cleanups while TxDOT's grassroots partner, Keep Texas Beautiful, tackles local neighborhoods, city streets, parks and waterways. Together these volunteers show Texans that small efforts can make a big difference.

This planner is to help you organize the Trash-Off. When receiving the materials for this event, the following (hard copy and digital) should be included:

- Planner
- Volunteer participation card
- Reminder card
- Supply card
- Report card
- Thank You Letter and Certificate

These materials are sent to all Adopt-a-Highway coordinators, with a copy of the planner also going to the district Public Information Officer (PIO). In addition to assisting you in planning for this event this document includes:

- Timeline
- Sample Memos
- Media Relations and Keep Texas Beautiful Contacts
- Safety Tips
- Suggested Radio Reads and Social Media Posts
- Additional helpful resources

We all know how naturally beautiful Texas is and what a great place it is to live. As the population in the state continues to grow, we are striving to increase interest and awareness of litter prevention, especially on our roadways. Litter on the roads is not only unsightly, but can also be a safety hazard. Here are a few other benefits for participation in litter prevention events:

- Creates a clean community
- Saves taxpayers dollars
- Enhances community image
- Promotes community involvement
- Builds partnerships
- Increases awareness of litter prevention
- Safeguards our natural resources

It is important to submit the number of volunteers you anticipate having by the date in the following timeline. This information is useful when responding to inquiries from the public or media.

Trash-Off is open to anyone interested in keeping Texas a beautiful place to live. Non Adopt-a-Highway volunteers can sign-up or find a local event with a Keep Texas Beautiful affiliate:

<http://www.ktb.org/programs/litter-prevention/dont-mess-with-texas-trash-off.aspx>



TRASH-OFF TIMELINE

DATE	PRIMARY	ACTION	RECIPIENT
FEBRUARY 2017			
Week of 2/13/2017	AAH Coordinators	Mail participation cards	AAH Volunteers/Groups
MARCH 2017			
Optional	AAH Coordinators	Mail reminder postcard	AAH Volunteers/Groups
Week of 3/6/2017	PIO	PIO/AAH Coordinators: Contact the local KTB affiliate. The Trash-Off is a team effort between Adopt-a-Highway groups and Keep Texas Beautiful affiliates across the state. Since many local KTB affiliates will be planning cleanups and activities, it's a good idea to connect with local KTB coordinators and see how you can partner on media outreach efforts.	
3/9/2017	International Adopt-a-Highway Day First Adopt-a-Highway in the Nation was erected on March 9, 1985 — a day that has subsequently been named International Adopt-a-Highway Day.		
TBD (TRV will notify PIOs via e-mail)	TRV	Issue statewide news release	PIOs/Statewide media
3/17/2017	AAH Volunteer Groups	Volunteer reply DEADLINE	AAH Coordinators
Week of 3/20/2017	AAH Coordinators	Order trash bags	DST Warehouse
Week of 3/20/2017	AAH Coordinators	Mail supply pick-up cards	AAH Volunteer Groups
Week of 3/20/2017	AAH Coordinators	Send memo with Trash-Off information	Maintenance Offices

TRV: TxDOT Travel Information Division
AAH Coordinators: TxDOT Adopt-a-Highway Coordinators
PIOs: TxDOT Public Information Officers
KTB: Keep Texas Beautiful



TRASH-OFF TIMELINE

DATE	PRIMARY	ACTION	RECIPIENT
APRIL 2017			
Week of 4/3/2017	AAH Coordinators	Submit preliminary number of groups, volunteers and bags	TRV
Week of 4/3/2017	Maintenance Offices	Distribute bags, vests and Trash-Off report cards	AAH Volunteer Groups
TBD by District PIO	KTB/PIOs	Distribute live radio scripts/reads	Local media
TBD by District PIO	PIOs	Media outreach to local TV and radio, pre-event interviews	Local media
Week of 4/3/2017	PIOs	Distribute local news release, media advisory and fact sheets	Local media
4/8/2017	Don't mess with Texas Trash-Off		
4/10/2017- 5/1/2017	AAH Volunteer Groups	Groups return report card with # of volunteers and bags, any unusual items	AAH Coordinators
4/10/2017- 5/1/2017	AAH Coordinators	Contact maintenance offices for number of bags collected	AAH Coordinators
TBD by AAH Coordinators	AAH Coordinators	Mail thank you notes and/or certificates; request volunteer photos and stories	AAH Volunteer Groups
MAY 2017			
Week of 5/1/2017	PIOs	Email/Mail copies of news clips, and/or media files of any media coverage	TRV
Week of 5/1/2017	AAH Coordinators	Submit total number of groups, volunteers, and bags <i>Groups may hold a "Trash-Off" event throughout April if unable to perform a cleanup on the 8th due to weather or other unforeseen circumstances.</i>	TRV
TBD	TRV	Trash-Off results posted on DMWT site	TRV/AAH Coordinators/PIOs



TRASH-OFF INFORMATION FOR ADOPT-A-HIGHWAY COORDINATORS

1 **CHECK TIMELINE** - The timeline outlines the “big picture” for the Trash-Off. This timeline is for your reference and should be modified to meet your needs.

2 **SEND VOLUNTEER PARTICIPATION CARDS** - Add your return address to the participation postcards, seal them with tape and send them to your volunteer groups the week of February 13.

The volunteer card will:

- Inform groups about the Trash-Off.
- Inform groups of the March deadline to register for participation.
- Provide a reply postcard to be mailed back to you.

3 **SEND REMINDER CARDS OR REMINDER EMAIL** - Though the volunteer reply deadline is March 17, many groups interested in participating in the Trash-Off may not have responded to you. A reminder mailing to these groups will help increase local participation. Please fill in your contact information at the bottom of the card before sending it to the volunteer groups.

4 **SEND MAINTENANCE MEMO WEEK OF MARCH 20** - This sample memo tells the maintenance offices:

- Steps needed for the Trash-Off.
- When they should plan to receive and distribute supplies.

Supplies include:

- AAH trash bags
- Trash-Off report cards
- Safety vests

5 **SEND SUPPLY PICK-UP CARDS WEEK OF MARCH 20** - Send a postcard to participating groups, informing them when and where to pick up supplies. Include the location of the maintenance office in the space provided. The earliest opportunity for groups to pick up supplies from TxDOT maintenance offices will be the week of March 27.



TRASH-OFF INFORMATION FOR ADOPT-A-HIGHWAY COORDINATORS

6 **SEND PRELIMINARY TRASH BAG/VOLUNTEER COUNTS TO TRV THE WEEK OF APRIL 3** - Email a total count of volunteers and trash bags to TRV.

Note: To determine the number of bags required, a general rule is to request three bags for each volunteer, although high-traffic areas may require four to five bags per volunteer. Youth volunteers may only require one bag per person.

7 **PARTICIPATE IN THE DON'T MESS WITH TEXAS TRASH-OFF ON APRIL 8**

8 **CONTACT MAINTENANCE OFFICES NO LATER THAN MAY 1ST**

- Find out how many bags each section picked up following the Trash-Off.
- Submit total number of groups, volunteers and bags to TRV by May 5.

9 **SEND THANK YOU LETTERS** - Once all the Trash-Off results are final, you are encouraged to send thank you letters and/or certificates to your volunteer groups.

10 **IF YOU NOTICE LOCAL MEDIA COVERAGE** please send clips or media files to the PIO as soon as they come in.

11 **CHECK OUT THE FINAL STATEWIDE RESULTS AT [HTTP://WWW.TXDOT.GOV/INSIDE-TXDOT/GET-INVOLVED/VOLUNTEER/ADOPT-A-HIGHWAY/TRASH-OFF.HTML](http://www.txdot.gov/inside-txdot/get-involved/volunteer/adopt-a-highway/trash-off.html) AND [HTTP://WWW.KTB.ORG/PROGRAMS/LITTER-PREVENTION/DONT-MESS-WITH-TEXAS-TRASH-OFF.ASPX](http://www.ktb.org/programs/litter-prevention/dont-mess-with-texas-trash-off.aspx)**



TRASH-OFF INFORMATION FOR PUBLIC INFORMATION OFFICERS

- 1 CHECK TIMELINE** - The timeline outlines the “big picture” for the Trash-Off. When you receive this Program Planner, highlight your areas of responsibility to help you stay on track.
- 2 CALL THE LOCAL KTB AFFILIATE COORDINATORS** - The Trash-Off is a team effort between Adopt-a-Highway groups and Keep Texas Beautiful affiliates across the state. Since many local KTB affiliates will be planning cleanups and activities, it's a good idea to connect with local KTB coordinators and see how you can partner on media outreach efforts. If you line up radio and TV appearances, consider adding a spokesperson from your local KTB affiliate to improve the quality of the story. In addition, try to include quotes from TxDOT and KTB representatives in your press materials.
- 3 SEND MEDIA ADVISORY, LOCAL NEWS RELEASE** - Normally, TRV and/or their contracted vendor send these out statewide. However, if you would prefer to send out to your local media, please let Brenda Flores-Dollar know as soon as possible after receipt of release. In the past, we've received great coverage from the combination of a statewide release and a local press release. Media outreach prior to the Trash-Off also helps raise motorists' awareness, helping ensure the safety of our volunteers.
- 4 SEND NEWS CLIPS TO TRV** - If you see any local news coverage please compile and send a copy of the clips and/or media files of any TV coverage to TRV the first week of May.



SAMPLE MEMO TO MAINTENANCE OFFICES

Memo template can be found at <http://crossroads/org/cmd/templates.html>



MEMO

[Date]

To: Maintenance Offices
From: District Adopt-a-Highway Coordinator
Subject: Don't mess with Texas Trash-Off set for April 8, 2017

It's almost time for the Don't mess with Texas® Trash-Off, and we're expecting thousands of Adopt-a-Highway (AAH) and Keep Texas Beautiful (KTB) volunteers to take part on Saturday, April 8, 2017.

The Don't mess with Texas Trash-Off is the premier litter cleanup event for Texas during the Keep America Beautiful Great American Cleanup. AAH volunteers will take to the highways during this year's roadside collection, participating in large-scale cleanups that will have a big impact on the appearance of the Lone Star State.

The work you do in making sure volunteers get their Trash-Off supplies ensures the success of the event.

Here's what you can do to help:

- Volunteer groups will pick up the following supplies from you:
 1. Trash bags (DHT #157548, NIGP 665-72-22-5010)
 2. Trash-Off report cards
 3. Safety vests (DHT #165737, NIGP 345-92-44-0407)
- List of recycling centers (if available)
- AAH volunteers will use standard 33-gallon white AAH trash bags (DHT #157548 NIGP 665-72-22-5010). TxDOT only distributes bags and supplies to AAH groups. Adopt-a-Highway volunteers will come by to pick up their supplies from you the week of April 3, 2017.
- After the Trash-Off, provide the district office with a count of the number of bags collected in your maintenance section no later than May 5. An accurate count of bags collected is very important to the success of the event. This helps us plan for next year and gives us Trash-Off information for the whole district.

Thank you in advance for your help. If you have questions, please call _____ (District/AAH).



ADOPT-A-HIGHWAY COORDINATORS CONTACT LIST

DISTRICT	COORDINATOR	PHONE	EMAIL
Abilene (ABL)	Joe LeBlanc	325.676.6827	Joe.LeBlanc@txdot.gov
Amarillo (AMA)	Sendy Bolin	806.356.3203	Sendy.Bolin@txdot.gov
Atlanta (ATL)	Stephanie Fahrney	903.799.1202	Stephanie.Fahrney@txdot.gov
Austin (AUS)	Michelle Casellas	512.832.7285	Michelle.Casellas@txdot.gov
Beaumont (BMT)	Linda Kornis	409.898.5715	Linda.Kornis@txdot.gov
Brownwood (BWD)	Andrew Carlson	325.643.0413	Andrew.Carlson@txdot.gov
Bryan (BRY)	Jan Robbins	979.778.9775	Jan.Robbins@txdot.gov
Childress (CHS)	Barbara Seal	940.937.7288	Barbara.Seal@txdot.gov
Corpus Christi (CRP)	Steve Orchard	361.808.2393	Steve.Orchard@txdot.gov
Dallas (DAL)	Susie Williams	214.320.4480	Susie.Williams@txdot.gov
El Paso (ELP)	Josie Aguilar-Crosby	915.790.4316	Josie.AguilarCrosby@txdot.gov
Fort Worth (FTW)	Rebecca Booher	817.370.6534	Rebecca.Booher@txdot.gov
Houston (HOU)	Roberta Beatty	713.802.5552	Roberta.Beatty@txdot.gov
Laredo (LRD)	Lydia Segovia	956.712.7471	Lydia.Segovia@txdot.gov
Lubbock (LBB)	Carolyn Craddick	806.748.4443	Carolyn.Craddick@txdot.gov
Lufkin (LFK)	Shelley Reynolds	936.633.4321	Shelley.Reynolds@txdot.gov
Odessa (ODA)	Gene Powell	432.498.4746	Gene.Powell@txdot.gov
Paris (PRS)	Renee Coston	903.737.9352	Renee.Coston@txdot.gov
Pharr (PHR)	Lynnette Villarreal	956.702.6240	Lynnette.Villarreal@txdot.gov
San Angelo (SJT)	James Whitlock	325.947.9271	James.Whitlock@txdot.gov
San Antonio (SAT)	Melanie McBride	210.615.6430	Melanie.McBride@txdot.gov
Tyler (TYL)	Terri Monroe	903.510.9261	Terri.Monroe@txdot.gov
Waco (WAC)	Betsy Pittman	254.867.2726	Betsy.Pittman@txdot.gov
Wichita Falls (WFS)	Bart Sherrill	940.720.7735	Bart.Sherrill@txdot.gov
Yoakum (YKM)	Tana Brewer	361.293.4300	Tana.Brewer@txdot.gov
Statewide (TRV)	Catherine Cromer	512.486.5912	Catherine.Cromer@txdot.gov



PUBLIC INFORMATION OFFICERS CONTACT LIST

DISTRICT	CONTACT	PHONE
Headquarters	Media Relations	512.463.8700
	Veronica Beyer	512.463.8954
	David Glessner	512.936.1906
	Mark Cross	512.475.0942
	Becky Ozuna	512.463.2406
Abilene	Mary Belle Turner	325.676.6817
Amarillo	Sonja Gross	806.356.3256
Atlanta	Marcus Sandifer	903.799.1306
Austin	Chris Bishop	512.832.7110
	Kelli Reyna	512.832.7060
	Diann Hodges	512.832.7027
Beaumont	Sarah Dupre	409.898.5745
Brownwood	Andrew Carlson	325.643.0413
Bryan	Bob Colwell	979.778.9764
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Don't mess with Texas®

TRASH-OFF

APRIL 8, 2017

THANK YOU FOR MAKING A DIFFERENCE!

The Texas Department of Transportation extends its gratitude to you for your participation in this year's Don't mess with Texas Trash-Off.

The members of your group give freely of their time to take responsibility for public lands, helping TxDOT maintain the natural beauty of our state roadways. Your efforts to battle roadside litter—not only by participating in the Trash-Off, but also as an Adopt-a-Highway volunteer throughout the year—are a testament to the pride you take in the Lone Star State.

We hope that you will continue your enthusiasm in participating in the program, and taking part in keeping your corner of the state clean and beautiful. As a friendly reminder, please be sure to report each of your cleanups to the local TxDOT maintenance office, and report your Trash-Off results for the statewide tally. If the maintenance office doesn't know you've picked up litter, they won't know about all the time you've devoted to the program.

Thank you again for all your hard work. If you have any questions, please call me at _____ or via email message at _____.

Sincerely,

AAH Coordinator



Don't mess with Texas®

TRASH-OFF

APRIL 8, 2017

This certificate is presented to

For outstanding effort and generous contribution of time and energy to maintain the beauty of Texas roadsides through dedicated voluntary participation in the

2017 Don't mess with Texas Trash-Off



District Adopt-a-Highway Coordinator

County Maintenance Coordinator



TRASH-OFF SAFETY TIPS

Here are some tips to keep your volunteers safe during the Don't mess with Texas Trash-Off. A full list can be found at <https://www.txdot.gov/inside-txdot/get-involved/volunteer/adopt-a-highway/safety-tips.html>.

DO:

- Think Safety: Wear gloves; thick-soled, closed shoes; long pants or jeans; and long-sleeved shirts
- Wear Class 2 ANSI safety vests and bright colors for roadside cleanups. Make sure the vests are fastened closed so the reflective surfaces can be seen from all angles.
- Make sure safety signs are set-up before pickup.
- Take a break to keep hydrated and keep “quick energy foods” on hand
- Keep a list of allergies volunteers have and always have a first-aid kit on hand
- Be aware of your surroundings and the potential hazards, such as traffic, ant piles, tree branches, poison ivy, bees and snakes
- Wear sunscreen and bug repellent
- Carry at least one cell phone per group
- Know emergency procedures; have location of the nearest emergency facility and how to call the police or an ambulance
- Use the “buddy system” by working in teams of two or three to maximize safety
- Keep hand sanitizer and/or pre-moistened towelettes on hand
- Carpool to the pickup site to reduce the number of vehicles.

DON'T:

- Don't pick up hazardous materials such as hypodermic needles, sharp objects, old car batteries, condoms, animal carcasses or other unidentified, questionable objects
- Don't overstuff bags or put large sharp objects in plastic bags
- Don't attempt to move large objects such as rusted car shells, old household appliances or swing-sets; report these to your public works contact for removal – call your local fire or police department to report illegal dumping and for instructions on how to proceed
- Don't bring pets to events; they may distract participants or even detract from the cleanup
- Don't overdo it physically
- Don't pick up glass; if possible, sweep it into a bag or only pick it up if you have thick gloves to protect against injury
- Don't schedule cleanups during peak pedestrian or traffic hours
- Don't conduct cleanups during bad weather
- Don't conduct cleanups near or around construction sites
- Don't stop or park vehicles in the roadway
- Don't pick-up items on steep slopes, trenches, railroad tracks, tunnels or overpasses

Don't forget to have fun and take pictures to show off your work!



RADIO READS

Generic Statewide

Pre-event

[:15 READS]

- Texas is a big state, so help keep your area litter-free at the annual Don't mess with Texas Trash-Off on Saturday, April 8th. Visit Don't mess with Texas dot org for more information.
- Is your club or organization looking for ways to help your community? Consider adopting a two-mile stretch of highway. For more information visit Don't mess with Texas dot org.
- Join thousands of volunteers for the largest one-day cleanup event in the state. The "Don't mess with Texas" Trash-Off is April 8th and Keep [insert affiliate name] Beautiful invites you to do your part to keep our highways and communities beautiful by picking up litter. Visit Don't mess with Texas dot org for more information.
- Keep Texas Beautiful [insert city] is inviting you to help pick up trash for this year's annual "Don't mess with Texas" Trash-Off event. Join the fun Saturday, April 8th and do your part to keep our Texas roads beautiful by helping clean up the more than 1 billion pieces of litter on Texas highways.
- Hate seeing litter alongside our Texas roads and highways? Do your part in keeping Texas beautiful by joining the annual "Don't mess with Texas" Trash-Off event on Saturday, April 8th. Thousands of volunteers will come out and volunteer their time to keep our state beautiful and litter-free. Don't mess with Texas.

[:10 READS]

- Join thousands of Texans for the Don't mess with Texas Trash-Off April 8th, to help make Texas litter-free. For more information visit Don't mess with Texas dot org.
- Real Texans Don't Litter. Take part in the Don't mess with Texas Trash-Off on Saturday, April 8th, and help make Texas litter-free. Go to Don't mess with Texas dot org for more information.
- Texas roadsides need your help. Put a litterbag in your vehicle and volunteer for the Don't mess with Texas Trash Off on April 8th. To get your FREE litter bag, visit Don't mess with Texas dot org.

[:05 READS]

- Keep Texas Beautiful [insert city] invites you to join the "Don't mess with Texas" Trash-Off event Saturday, April 8th.
- Help keep our highways beautiful by coming to the Trash-Off event with Keep Texas Beautiful [insert city], April 8th.



RADIO READS

Safety and Event Awareness

[:15 READS]

- Volunteers will be out on Saturday, April 8th, for the Don't mess with Texas Trash-Off. Please slow down and give them a wave for doing their part to clean up litter on our Texas highways. To get involved, visit Don't mess with Texas dot org.
- On Saturday, April 8th, volunteers will be out picking up litter off our highways during the Don't mess with Texas Trash-Off. Please slow down and keep everyone safe. To find out how to get involved in your community, visit Don't mess with Texas dot org.

Post event

[:15 READS]

- Thanks for keeping [City] beautiful. The annual Don't mess with Texas Trash-Off attracted more than [###] volunteers who cleaned [park/street name] on the biggest one-day litter clean-up in Texas. Find out how you can volunteer year-round at KTB dot org.
- Texas has never looked so good – thanks to the thousands of volunteers who cleaned up the state during the Don't mess with Texas Trash-Off. They picked up ____ million pounds of trash in one day. Thanks for keeping (community/city) beautiful.
- You're looking good, Texas – thanks to the thousands of volunteers who hauled millions of pounds of trash off the roadsides during the Don't mess with Texas Trash-Off. The Texas Department of Transportation salutes you for keeping (community/city) beautiful.



SOCIAL MEDIA

Link to the following pages in posts as appropriate. It's recommended to shorten these links to make posts shorter and neater (particularly for Twitter). Google URL Shortener (<https://goo.gl/>) and bitly.com are both good options.

Don't mess with Texas: <http://www.dontmesswithtexas.org/get-involved/trash-off/>

Keep Texas Beautiful: <http://www.ktb.org/programs/litter-prevention/dont-mess-with-texas-trash-off.aspx>

TxDOT Adopt-a-Highway: <https://www.txdot.gov/inside-txdot/get-involved/volunteer/adopt-a-highway/trash-off.html>

	FACEBOOK @DontmesswithTexas @Keep Texas Beautiful	TWITTER @DMWT_Program @KeepTxBeautiful
February–March	<ul style="list-style-type: none"> Millions of pieces of litter accumulate on Texas roadways each year. Help clean up our state by participating in this year's Don't mess with Texas Trash-Off on April 8th, the single largest one-day cleanup event in the state. #TrashOff2017 Showcase your Texas pride in the Don't mess with Texas Trash-Off. Trash-Off is Texas's signature event for the Great American Cleanup so let's show how Texas does everything bigger and better. #TrashOff2017 The smallest efforts make the biggest difference. Join together with Texans across the state on April 8th for #TrashOff2017 to help the environment and your community. Want to be a part of the biggest cleanup in Texas? Haven't joined Adopt-a-Highway yet? You can still participate with our friends at Keep Texas Beautiful! http://bit.ly/1DNQivC 	<ul style="list-style-type: none"> Join the Don't mess with Texas Trash-Off April 8th and make a difference in your community! #TrashOff2017 Make 2017 a #DontmesswithTexas Trash-Off to remember! Help fellow Texans make a litter free state. #TrashOff2017 is the perfect way to show off your Texas pride. Grab a bag and have some fun! The smallest efforts make the biggest difference. Do your part to keep Texas beautiful and join @DMWT_Program for #TrashOff2017 Volunteers not part of Adopt-a-Highway can still register with @KeepTxBeautiful: http://bit.ly/1DNQivC



SOCIAL MEDIA

	FACEBOOK @DontmesswithTexas @Keep Texas Beautiful	TWITTER @DMWT_Program @KeepTxBeautiful
Adopt-a-Highway	Attention Adopt-a-Highway volunteers. The deadline to sign up for the Don't mess with Texas Trash-Off is coming soon! If you haven't received your participation card, please contact [insert preferred contact information]	#TrashOff2017 deadline for Adopt-a-Highway groups is almost here. Contact [insert preferred contact information] for more information.
Pre Trash-Off	Are you ready? Tomorrow is the Don't mess with Texas Trash-Off. Share your experiences with us and @Don't mess with Texas	Tomorrow is #TrashOff2017 Share your experience with us and @DMWT_Program
Trash-off Day	Share your Don't mess with Texas Trash-Off photos with us or @DontmesswithTexas and remember to be safe out there! #TrashOff2017 Be on the lookout for volunteers across the state that will be picking up litter off our highways today. Please slow down and thank them for helping keep Texas looking great! #TrashOff2017	Share your #TrashOff2017 photos with us and @DMWT_Program Be safe! Be on the lookout for volunteers picking up trash from our highways for the Don't mess with Texas Trash-Off!
Post Trash-Off	Thank you to everyone who participated in #TrashOff2017 Here is to another great year of keeping Texas Litter free! @Don't mess with Texas @KeepTexasBeautiful	Thanks to everyone who participated in #TrashOff2017 We couldn't have done it without you! @DMWT_Program

Posts can also be used on Instagram.

Instagram Handles: @dontmesstexas @keptxbeautiful



LITTER AND ILLEGAL DUMPING PENALTIES

Littering and illegal dumping are serious crimes in Texas and violations may take place at both misdemeanor and felony levels. Most of the violations are of provisions of the Texas Health & Safety Code (“H&S”) or of the Texas Water Code (“TWC”). See next page for definitions of “solid waste,” “litter” and “water.”

Non-commercial Dumping (i.e., not for economic gain)		
H&S 365.012 (d)	Under 5 pounds or 5 gal. (if liquid)	Fine to \$500 Jail to 30 days
H&S 365.012 (e)	5 to 500 pounds; 5 gal. to 500 cubic feet	Fine to \$2,000 Jail to 6 months
H&S 365.012 (f)	500 to 1,000 pounds; 100 to 200 cubic feet	Fine to \$4,000 Jail to 1 year
H&S 365.012 (g)	Over 1,000 pounds / 200 cubic feet	Fine to \$10,000 State Jail to 2 years
Commercial Dumping (i.e., for economic gain)		
H&S 365.012 (d)	Under 5 pounds or 5 gal. (if liquid)	Fine to \$500
H&S 365.012 (f)	5 to 200 pounds; 5 gal. to 200 cubic feet	Fine to \$4,000 Jail to 1 year
H&S 365.012 (g)	Over 200 pounds / 200 cubic feet	Fine to \$10,000 State Jail to 2 years
Both Commercial and Non-commercial Dumping		
H&S 365.012 (g)	Any waste contained in a closed barrel or drum	Fine to \$10,000 State Jail to 2 years
Using someone else's dumpster without permission carries the same penalties as illegally dumping the same amount of solid waste. It can also be prosecuted as theft of services under Texas Penal Code 31.04.		
Dumping Into or Adjacent to Water in the State		
TWC 7.145	Intentional or knowing discharge, <u>into</u> or <u>adjacent</u> to water that causes or threatens to cause pollution without a permit to do so	Fine: \$1,000 to \$100,000 Prison to 5 years
TWC 7.147	Discharge <u>into</u> water that causes or threatens to cause pollution without a permit (no culpable mental state)	Fine: \$1,000 to \$50,000 Jail to 1 year
Illegal Outdoor Burning		
TWC 7.177	Burning in violation of Texas Outdoor Burning Regulations, 30 T.A.C. 111 (b)	Fine: \$1,000 to \$50,000 Jail to 6 months
Waste Oil Dumping		
TWC 7.176 (a)(1)	Dumping into sewer or any water	Fine: \$1,000 to \$50,000 Prison to 5 years
TWC 7.176 (a)(2)	Dumping onto ground or placing in trash	
TWC 7.176 (a)(4)	Dumping onto roads or land for dust suppression, weed abatement, ant control, etc.	
Lead-Acid Battery Dumping		
TWC 7.185	Knowing or intentional unauthorized disposal of lead-acid batteries (car, boat, motorcycle or any kind)	Fine to \$4,000 Jail to 1 year
Tire Dumping		
Handle as regular illegal dumping (H&S 365 above). Penalties based on weight or volume (car tires weigh around 17 pounds each – Class B Misdem.).		



LITTER AND ILLEGAL DUMPING PENALTIES

Definition of “Solid Waste” for H&S 365 Violations

“Solid waste” means garbage rubbish, refuse, sludge from a waste treatment plant, water supply treatment plant, or air pollution control facility, and other discarded material, including solid, liquid, semisolid, or contained gaseous material resulting from industrial, municipal, commercial, mining, and agricultural operations and from community and institutional activities. The term:

(A) does not include:

- (i) solid or dissolved material in domestic sewage, or solid or dissolved material in irrigation return flows, or industrial discharges subject to regulation by permit issued under Chapter 26, Water Code; and,
- (ii) soil, dirt, rock, sand, and other natural or man-made inert solid materials used to fill land if the object of the fill is to make the land suitable for the construction of surface improvements.

Definition of “Litter” for H&S 365 Violations

(A) decayable waste from a public or private establishment, residence, or restaurant, including animal and vegetable waste material from a market or storage facility handling or storing produce or other food products, or the handling, preparation, cooking, or consumption of food, but not including sewage, body wastes, or industrial by-products; or

(B) nondecayable solid waste, except ashes, that consists of:

- (i) combustible waste material, including paper, rags, cartons, wood, excelsior, furniture, rubber, plastics, yard trimmings, leaves, or similar materials;
- (ii) noncombustible waste material, including glass, crockery, tin or aluminum cans, metal furniture, and similar materials that do not burn at ordinary incinerator temperatures of 1800 degrees Fahrenheit or less; and
- (iii) discarded or worn-out manufactured materials and machinery, including motor vehicles and parts of motor vehicles, tires, aircraft, farm implements, building or construction materials, appliances, and scrap metal.

Definition of “Water” for TWC Violations

“Water” or “water in the state” means groundwater, percolating or otherwise, lakes, bays, ponds, impounding reservoirs, springs, rivers, streams, creeks, estuaries, wetlands, marshes, inlets, canals, the Gulf of Mexico, inside the territorial limits of the state, and all other bodies of surface water, natural or artificial, inland or coastal, fresh or salt, navigable or non-navigable, and including the beds and banks of all watercourses and bodies of surface water, that are wholly or partially inside or bordering the state or inside the jurisdiction of the state.

Information provided courtesy of Keep Texas Beautiful and John Ockels, Ph.D., Texoma Council of Governments. Cards provided courtesy of the Texas Department of Transportation. Call 800-Clean-TX for additional information. ©Keep Texas Beautiful



DON'T MESS WITH TEXAS

The Don't mess with Texas campaign offers several programs and resources for Texans of all ages to get involved and spread the litter prevention message.

Don't mess with Texas® Art Contest

The 2017 School Art Contest invites students in kindergarten through twelfth grade to participate for a chance to be featured in the official 2018 Don't mess with Texas Calendar! Students across the Lone Star State can get creative and submit original artwork that promotes litter prevention and beautification. Thirteen winners will have their designs featured in the calendar. Each winner will also receive an Samsung Galaxy Tab A 7.0 tablet donated by H-E-B and Central Market!

Deadline for submissions are April 7, 2017. For more information visit: <http://www.dontmesswithtexas.org/education/art-contest/>

Campus Cleanup

Campus Cleanup is a student-focused program that helps college and high school organizations actively support the Don't mess with Texas effort by encouraging them to keep their campuses and communities clean and litter-free. The Campus Cleanup program is available to any interested student or student group. Participants can find a downloadable toolkit for tips on how to organize and carry out their event.

We encourage students to schedule their events to coincide with Trash-Off. For more information and resources, visit <http://www.dontmesswithtexas.org/education/campus-cleanup/>

Report-A-Litterer

Spot a litterbug? There's an app for that. The Report-a-Litterer aptly allows users to report instances of littering from vehicles. After the report is submitted, TxDOT compares the information through the Department of Motor Vehicles registration database, and when an exact match is located, we send the litterer a Don't mess with Texas litterbag along with a letter reminding them to keep their trash off of our roads. The app is available on the Apple app store and Google Play for Android.

Don't mess with Texas® Boots

Show your Texas pride in Texas style with a pair of authentic Don't mess with Texas cowboy boots. Each pair is proudly handcrafted by Justin Boots® and are available in adult men's and women's sizes. Look for pair online at Sheplers.com.



Don't mess with Texas® Commemorative Coin

Celebrating over 30 years, the world-famous anti-littering slogan is now available on a commemorative coin that not only makes a unique gift but also celebrates the crusade to keep Texas roadsides beautiful and litter-free.

Produced by Charitable Mint and available in silver and gold, the coins bear the iconic Don't mess with Texas slogan on one side and the Texas State Seal on the other.

To purchase the Don't mess with Texas Commemorative Coin, visit dontmesswithtexascoin.com



ADOPT A HIGHWAY

Don't mess with Texas works hand-in-hand with the Adopt-a-Highway program to produce outstanding litter reduction results. Adopt-a-Highway was pioneered in the Tyler District in 1985 and rapidly grew to encompass the entire state of Texas. The statewide program is based in the Travel Information Division, which works in conjunction with coordinators in all 25 TxDOT districts. Currently, there are approximately 3,800 volunteer groups—including businesses, church groups, and civic organizations—who pick up litter on almost 8,000 miles of highway.

Following Texas' lead, other states have created an Adopt-a-Highway program, and officials from Great Britain, Japan and South Africa have visited Texas to learn more about starting programs of their own. The program has spread to 49 states, Canada, Great Britain, Ireland, Japan, New Zealand, Australia, and Mexico. More than 1.3 million volunteers participate in Adopt-a-Highway nationwide.

For information on the program and how to apply visit <http://www.txdot.gov/inside-txdot/get-involved/volunteer/adopt-a-highway.html> and <http://www.dontmesswithtexas.org/get-involved/volunteer/adopt-a-highway/>.



Did You Know?

Adopt-a-Highway volunteers and Keep Texas Beautiful affiliates work year-round to improve their community environments.

- More than 435 million pieces of litter accumulate on the state-maintained highway system each year
- Most litter is picked up by paid contractors, not inmate labor as most people believe
- About 10 percent of state-maintained roadways are picked up by AAH volunteers





ADOPT A HIGHWAY AWARDS

The Adopt-a-Highway (AAH) awards were created to recognize the outstanding efforts of one individual, one volunteer group, and one maintenance employee who goes above and beyond the call of duty—keeping the program going strong while preserving and protecting the Texas environment. They surpass minimum expectations for their obligations and are innovative and thorough in the process.

By honoring these individuals, the AAH program hopes to encourage other citizens to initiate like-minded projects and reinforce a spirit of environmental stewardship.

Complete one application for an individual volunteer; one for a volunteer group; and one for a maintenance employee. Nominations should be submitted via email or must be postmarked by 5:00 p.m., March 27, 2017

The AAH Awards will be presented during the 2017 Keep Texas Beautiful Conference Awards Luncheon at the Westin Riverwalk in San Antonio, Texas.

VOLUNTEER NOMINATIONS

Individuals and groups are eligible in this category. Indicate the appropriate category that best describes your group (or individual) by checking the appropriate box on the front of your application. Applications will be scored in one category according to the information provided on the application.

If an individual or a group is doing more cleanups per year than required in the agreement, making sure all of the volunteers are present at cleanups, participating in Trash-Off, doing other environmentally conscious efforts in the community and spreading the word about the AAH program, this volunteer(s) may be the next AAH award winner.

MAINTENANCE EMPLOYEE NOMINATION

For maintenance employees this means that they have gone the extra mile – meeting or talking with groups regularly, actively recruiting new groups, attending community events and/or making presentations, maintaining contact with groups and encouraging them to renew contracts, keeping good records and may be participating in local environmental clubs or Adopt-a-Highway, this individual(s) may be the next AAH award winner.

JUDGING

Judges want to read how the nominee has a genuine interest in the program, how their dedication supersedes others, and how they are taking the extra effort to keep Texas beautiful, and preserving and protecting the natural beauty of our Texas landscape. The more information and details included the better chance of your nomination winning.

Nominations will be judged by Keep Texas Beautiful judges. All decisions by the judges are final.

WRITTEN SUMMARY

These summaries are objective. The judges will be looking at content, looking to see who has gone that extra mile and has a true interest in litter prevention and the beautification of our great state.

Judges are interested in learning what sets the nominee apart from other volunteers or the average maintenance worker. What makes them stand out from all others?

OPTIONAL SUPPLEMENTAL MATERIAL

Supplemental materials are encouraged and may include photos, newspaper articles, flyers or any other printed materials. It doesn't have to be high quality or professionally done. A scanned image dropped into a word file is acceptable.



KEEP TEXAS BEAUTIFUL

Keep Texas Beautiful (KTB) is the grassroots partner of TxDOT's litter prevention program. This nonprofit organization consists of private citizens, communities, industries, civic groups, schools and government agencies—a network of volunteers that lend support to TxDOT's litter prevention efforts. By promoting enforcement of litter laws, recruiting volunteers, conducting cleanups and educating communities about litter prevention KTB helps spread the word about TxDOT's programs. More than 390 Texas cities are affiliates and display signs indicating their involvement in the program at major city entrances.

Keep Texas Beautiful offers statewide litter prevention, waste reduction and beautification programs to affiliate communities and participating organizations. Some of the programs include the Great American Cleanup, Waste in Place curriculum and Texas Recycles Day.

KTB and its affiliates also help promote TxDOT programs for all ages such as the Don't mess with Texas Trash-Off, the 30th Anniversary Don't mess with Texas Trash and Treasure Hunts, and the Don't mess with Texas School Art Contest. They also work to recruit volunteers to aid in grassroots efforts that include students, youth groups, garden clubs, and service organizations.

Keep Texas Beautiful also administers the Governor's Community Achievement Awards program. TxDOT provides \$2,000,000 in landscaping funds for use on state-maintained roadsides in or around 10 winning Texas cities each year. This incentive program rewards communities in 10 categories based on population for implementing cleanup, beautification, recycling, litter law enforcement and environmental education programs.

The Texas Transportation Code, §504.602, provides for a Keep Texas Beautiful license plate, and the department issues a specialty license plate including

the words "Keep Texas Beautiful." Keep Texas Beautiful designs the license plate in consultation with the department. After deduction of the department's administrative costs, the remainder of the fee for issuance of the license plates is used in connection with the department's litter prevention programs.

2017 Keep Texas Beautiful Conference

Keep Texas Beautiful's annual conference will take place June 12-14 at the Westin Riverwalk in San Antonio, Texas. For more information visit: <http://www.ktb.org/programs/annual-conference.aspx>

Thirteenth Edition KTB Ornament (2016)

The 13th edition ornament features Texas' official state shrubs, the Crape Myrtle and the Texas Purple Sage. Texans' long-time admiration for the Crape Myrtle influenced legislators in 1997 to designate her as the official State Shrub of Texas.

The ornament also features other celebrated Texas natives, the sunshine yellow Black-eyed Susan, the hardy Texas Lantana, and the daisy-like Purple Coneflower. Buzzing atop the flowers is the Western Honey Bee, the official State Pollinator of Texas

To purchase ornaments visit: <http://www.ktb.org/support-us/merchandise/ktb-collectible-ornaments.aspx>

KTB Specialty License Plate

Developed and promoted in coordination with the Texas Department of Transportation, these KTB license plates are available online for purchase through the Texas Department of Motor Vehicles at www.txdmv.gov. They serve as one of the most visible ways you can show your commitment to making Texas the cleanest, most beautiful state in the nation.



OTHER TxDOT PROGRAMS

Drive Clean Texas

The Drive Clean Texas program is TxDOT's clean air initiative to raise awareness about the impact of vehicle emissions on air quality and money saving benefits of keeping the air clean.

The program educates drivers on how to do their part for the Texas air while saving money on gas through vehicle maintenance and encouraging good driving habits.

Join us in educating Texans throughout the state on steps they can take to help reduce air pollution. Small changes can lead to a big difference. For more information visit www.drivecleantexas.org.



Roadcents

Drive Clean Texas encourages drivers to use the free Roadcents app to help them drive clean and save money. Roadcents helps drivers calculate driving costs, track maintenance, get service reminders, save gas and locate nearby service stations. The app is available on Apple and Android products as well as available as a web app at www.roadcents.org.



Adopt-an-Airport

The Adopt-an-Airport program gives private citizens, groups and organizations the opportunity to support and beautify publicly-owned airports throughout the state. For more information visit: <http://www.txdot.gov/inside-txdot/division/aviation/adopt.html>





TRASH-OFF TALKING POINTS

- The Don't mess with Texas Trash-Off is the single largest one-day cleanup event in the state and serves as Texas's signature event for the Keep America Beautiful Great American Cleanup, the nation's largest community improvement program.
- Trash-Off is part of TxDOT's litter prevention programs, which include Don't mess with Texas, Adopt-a-Highway, and a grassroots partnership with Keep Texas Beautiful. These three programs work in conjunction to keep our state clean and also to change the attitudes and behavior of would-be litterers.
- This event began in 1986 as a call to action to refrain from littering on one designated day. In 1987, the event was expanded to include litter pickup by encouraging all Texas Adopt-a-Highway groups to collect roadside litter on the day of the Trash-Off. Keep Texas Beautiful joined the effort in 1993 to include cleanup activities in Texas communities. The event now has spread nationwide.
- Adopt-a-Highway volunteers are expected to remove litter from Texas highways, while community volunteers organized by Keep Texas Beautiful will clean city streets, parks and other public areas.
- KTB has 390 affiliates across the state; AAH has more than 3,800 groups. These volunteers will go out across the state and pick up litter along roadways, parks, waterways, and neighborhoods.
- Every year more than one billion pieces of litter accumulate on Texas highways and taxpayers are footing the bill to clean it up.
- Ninety percent of our roadways are cleaned by paid contractors, and the Adopt-a-Highway dedicated volunteers do the rest.
- Goal: Increase the number of volunteers and amount of litter picked up.

2016 Trash-Off results

- 34,191+ volunteers
 - 1.5 million pounds of litter/debris collected
- Drivers are encouraged to slow down and pay attention to these caring volunteers who are working hard on April 8 to keep our state beautiful.



HELPFUL LINKS & RESOURCES

Adopt-a-Highway – Program that started in Texas in 1985 and has become an international program. www.txdot.gov/inside-txdot/get-involved/volunteer/adopt-a-highway.html

Aggie Horticulture for Kids – Texas A&M University Horticulture Program that includes information on gardening, nutrition, composting, etc. aggie-horticulture.tamu.edu/kindergarden

American Community Gardening Association – National membership organization promoting community gardens. www.communitygarden.org

Arbor Day – A nationally celebrated observance that encourages tree planting and care. Learn about Arbor Day history, how to celebrate Arbor Day in your community, and more. www.arborday.org/arborday

Don't mess with Texas has been educating Texans about litter prevention since 1986. For research, news, facts, litter prevention efforts and programs for all ages, visit www.dontmesswithtexas.org.

Don't mess with Texas "Get Stuff"
www.dontmesswithtexas.org/get-stuff.php

Drive Clean Texas – Do your part to reduce air pollution and save money while you're at it. www.drivecleantexas.org

Drive Texas – An online map application providing travelers with real-time road conditions. The app is accessible via desktop, notebook and mobile phones. Visit drivetexas.org or contact 1-800-452-9292 for traffic and weather conditions in your area.

Earth 911 – Locate a recycling center in your community. earth911.com

Foundation Center – A great resource for locating funds and learning tips for writing your next grant proposal. foundationcenter.org

Go Green Initiative – Absolutely free to all schools. Provides free resources to educate and generate ideas for ways to make your school greener. Free registration to all schools to become registered as a Go Green school. After registration, your school receives access to all the tools, training and funding opportunities you'll need to make your program a success. Once registered, you will be eligible for any funding opportunities in your area. www.gogreeninitiative.org

Keep America Beautiful – Keep America Beautiful is a national nonprofit public education organization dedicated since 1953 to engaging individuals to take greater responsibility for improving their local community environments. www.kab.org

Keep Texas Beautiful – The grassroots partner of the Don't mess with Texas program. Keep Texas beautiful (KTB), an affiliate of Keep America Beautiful, strives to educate and engage Texans through responsibility for improving their community environment. www.ktb.org

Make an environmental complaint – The Texas Commission on Environmental Quality (TCEQ) is available 24 hours every day to receive complaints under its jurisdiction. www.tceq.texas.gov

National highway information can be found at www.fhwa.dot.gov/trafficinfo

National Weather Service – www.weather.gov



HELPFUL LINKS & RESOURCES

Report a Litterer – The Report a Litterer program allows Texans to turn in anyone they observe tossing things out of their vehicle or accidentally littering from an uncovered load. www.dontmesswithtexas.org/programs/report-a-litterer

Roadcents – Allows drivers to calculate their per-mile driving cost and learn ways to reduce vehicle emissions and fuel costs. www.roadcents.org

Take Care of Texas – Take Care of Texas is a statewide campaign from the Texas Commission on Environmental Quality designed to involve all Texans in lifestyle and habit changes that will help improve air and water quality, conserve water and energy, reduce waste and save individuals a little money in the process. www.takecareoftexas.org

Texas Illegal Dumping Resource Center (TIDRC) – TIDRC provides resources for local community professionals to address illegal dumping and burning; on-site classes and seminars for professionals and elected officials; and books and other resource materials on the subject. www.tidrc.com

Texas Tree Planting Guide – This site from the Texas Forest Service provides a custom tree selector, tools and helpful tips for planting trees at your home or in your community. www.texastreeplanting.tamu.edu

Waste Management “Cover Your Load” – Waste Management and Don’t mess with Texas participate every summer in a public education campaign to remind area residents to “cover your load” when bringing unwanted debris to area landfills to prevent accidental litter. williamsoncountylandfill.wm.com/community/cover-your-load.jsp

Life Span of Litter

Glass Bottle	1 million years
Monofilament Fishing Line	600 years
Plastic Beverage Bottles	450 years
Disposable Diapers	450 years
Aluminum Can	80–200 years
Foamed Plastic Buoy	80 years
Foamed Plastic Cups	50 years
Rubber-Boot Sole	50–80 years
Tin Cans	50 years
Leather	50 years
Nylon Fabric	30–40 years
Plastic Film Container	20–30 years
Plastic Bag	10–20 years
Cigarette Butt	1–5 years
Wool Sock	1–5 years
Plywood	1–3 years
Waxed Milk Carton	3 months
Apple Core	2 months
Newspaper	6 weeks
Orange or Banana Peel	2–5 weeks
Paper Towel	2–4 weeks

Source: www.nps.gov/tuma/forkids/upload/HowLongDoesLitterLast.pdf



NOTES



NOTES



NOTES



Don't mess with Texas

TRASH-OFF

APRIL 8, 2017



Don't mess with Texas® is a registered trademark and service mark owned by the Texas Department of Transportation.
For permission to use, please contact Brenda Flores-Dollar at Brenda.Floresdollar@txdot.gov or 512-486-5904.

Attachment B

**Human Resources/Training Data - BMP 1.3.6, 1.3.7, 2.3.4, 3.3.8, 3.3.9.b, and
5.3.3.**

	Training Course	Class Code	Mandate Deadlines	Delivery Method	District Engineer/ Director	Area Engineer /Assist AE	Road Construction Project Engineer	Design/ Plan Review	ENV staff/ EC (based on job duties)	DEQC	Construction Inspector	Contractor Personnel/Subs per Specifications
All TxDOT Employees involved in Road Construction	Storm Water Compliance Requirements in Construction	ENV433	Within 30 days of hire or job assignment and repeated every 3 years	ELM	✓	✓	✓	✓	✓	✓	✓	
	EMS Awareness Training EMS Orientation	ENV414	Within 30 days of hire or job assignment and repeated every 3 years	ELM	✓	✓	✓	✓	✓	✓	✓	
Design	AP&D Stage Gate Checklist	DES435	With in 90 days of hire or assignment and repeat as needed	ELM				✓	✓	✓		
	Storm Water Erosion & Sediment Control Design Day 1	ENV300	Within 6 months of hire or job assignment and repeat as needed	Instructor Lead		✓	✓	✓	✓	✓	✓	
	Storm Water Erosion & Sediment Control Design Day 2	ENV301	Within 6 months of hire or job assignment and repeat as needed	Instructor Lead		✓	✓	✓	✓	✓	✓	
	EPIC Sheet	DES908	With in 60 days of hire or job assignment and repeated every three years	ELM			✓	✓	✓	✓	✓	
	PS&E Stage Gate Checklist	DES907	Within 90 days of hire or job assignment and repeated as needed.	ELM				✓	✓	✓		
Construction	*Re-vegetation Course	MNT415	Within 90 days of hire or job assignment and repeated every 3 years	ELM UT Arlington		✓	✓			✓	✓	✓
	Construction Stage Gate Checklist	CON816	Within 30 days of hire or job assignment and repeated every 3 years	ELM UT Arlington			✓		✓	✓	✓	✓
	Field Environmental Emergency Compliance	ENV405	Within 30 days of hire or job assignment and repeated every 3 years	ELM			✓			✓	✓	
	How to Comply Section 404 Permits	ENV457	Within 30 days of hire or job assignment and repeated every 3 years	ELM			✓	✓	✓	✓	✓	
	CGP Compliance and Enforcement	ENV432	Within 30 days of hire or job assignment and repeated every 3 years	ELM UT Arlington		✓	✓	✓	✓	✓	✓	✓
	Storm Water Inspection Checklist (Form 2118)	CON 817	Within 90 days of hire or job assignment and repeate every 3 years	ELM			✓			✓	✓	
	Storm Water Pollution Prevention Plan	ENV103	Within 6 months of hire or job assignment and repeat as needed	Instructor Lead		✓	✓	✓		✓	✓	
	Storm Water Compliance Requirements in Construction	Contractor	Preference is a preconstruction meeting or before earth turning work.	TxDOT Internet								✓
	Contractor EMS Awareness Training (Contractor)	Contractor	Preference is a preconstruction meeting or before earth turning work.	TxDOT Internet								✓

Goal is for courses ENV 300 and ENV 301 will be developed for ELM in FY 2016. Should schedule classes when available until ELM versions becomes available.

Attachment B

Contractor Training Records

Course	Attendance
CON816: Construction Stage Gate Checklist	786
CON817: Completing SW Inspection Checklist	107
MNT415: Revegetation During Construction	770
DES435: Using AP&D Stage Gate Checklist	7
DES907: Using PS&E Stage Gate Checklist	14
DES908: How to Create an EPIC Sheet	70
ENV103: Storm Water Pollu Prevent Plan*	32
ENV300: Stormwater Eros & Sedimn Day 1*	42
ENV301: Stormwater Erosion & Sediment Control (Day 2)*	6
ENV405: Field ENV Emergency Compliance	71
ENV414: Environmental Mgt System	122
ENV432: CGP Compliance/Enforcement	797
ENV433: Storm Water ENV Req Construction	153
ENV457:404 Compliance During Construction	86
Total	3063

* Classroom Course

Attachment B - TxDOT Staff Training Records

	CON816: Construction Stage Gate Checklist	CON817: Completing SW Inspection Checklist	DES435: Using AP&D Stage Gate Checklist	DES907: Using PS&E Stage Gate Checklist	DES908: How to Create an EPIC Sheet	EL1430: Haz Materials Awareness	ENV103: Storm Water Pollu Prevent Plan	ENV206: UTS Facility Operator	ENV300: Stormwater Erosion & Sedimn Day 1	ENV301: Stormwater Erosion & Sediment Control (Day 2)	ENV405: Field ENV Emergency Compliance	ENV414: Environmental Mgt System	ENV432: CGP Compliance/Enforcement	ENV433: Storm Water ENV Req Construction	ENV457:404 Compliance During Construction	MNT410: Herbicide Certification	MNT411: Herbicide Equipment Training	MNT135: Adv. MNT Contract Insp.	MNT415: Revegetation During Construction
Abilene	2	2	2	3	7	34	8	0	9	7	2	3	7	6	5	70	19	30	4
Amarillo	16	8	0	0	15	9	0	1	0	0	14	13	8	13	15	57	26	16	17
Atlanta	7	15	1	1	19	33	0	0	0	0	15	14	16	21	15	43	18	24	18
Austin	14	43	17	16	41	59	26	4	24	22	14	40	39	40	17	85	40	11	14
Beaumont	12	11	6	4	14	116	20	0	11	2	6	13	12	16	11	41	12	31	13
Bryan	12	10	1	2	12	46	7	3	15	12	12	26	14	19	9	54	20	28	10
Corpus Christi	18	16	2	2	23	16	18	0	2	2	19	18	18	20	18	56	13	12	19
Dallas	17	16	17	17	23	63	11	0	17	15	16	40	30	38	31	54	20	62	18
El Paso	18	15	0	0	4	1	10	0	24	14	3	15	3	16	2	51	24	16	6
Fort Worth	17	20	11	11	10	79	8	2	5	7	21	13	19	12	13	43	17	31	14
Houston	21	20	4	8	21	43	14	3	6	2	19	22	22	3	19	37	9	29	20
Laredo	1	1	0	0	0	31	0	4	0	0	3	1	2	1	3	31	11	24	1
Lubbock	17	16	9	10	18	29	0	0	0	0	17	15	17	18	16	95	56	14	18
Odessa	2	3	3	3	4	13	12	0	9	9	2	6	4	6	4	47	25	27	2
Paris	9	8	3	3	9	36	0	0	1	1	9	11	10	8	8	65	24	16	8
Pharr	2	2	0	0	2	20	4	0	0	0	3	2	3	2	2	40	17	23	2
SanAngelo	3	3	1	3	3	12	5	2	4	4	3	4	4	3	4	50	16	13	3
SanAntonio	14	14	2	4	10	25	2	2	8	6	14	16	15	17	15	48	22	25	16
Tyler	4	3	5	6	10	26	15	2	10	9	4	9	8	11	9	44	11	17	4
Waco	27	2	7	8	25	32	27	1	40	13	29	29	36	29	38	38	15	26	25
Wichita Falls	1	2	1	1	2	3	0	4	12	0	1	2	3	3	1	42	15	14	2
Yoakum	12	10	2	2	11	5	4	1	4	3	13	14	11	14	12	30	13	25	15
Divisions	5	4	1	1	4	25	0	2	4	3	3	3	4	5	4	10	5	0	0
Total Attendance	246	240	94	104	283	731	191	31	201	128	239	326	301	316	267	1121	443	514	249

	SFH420: Hazardous Communication	SHF421: Hazardous Communication Refresher
Abilene	30	26
Amarillo	50	16
Atlanta	26	15
Austin	74	150
Beaumont	32	20
Bryan	47	58
Corpus Christi	66	111
Dallas	119	7
El Paso	10	11
Fort Worth	34	43
Houston	85	3
Laredo	26	76
Lubbock	48	12
Odessa	32	4
Paris	24	25
Pharr	25	9
SanAngelo	24	134
SanAntonio	39	27
Tyler	14	59
Waco	37	1727
Wichita Falls	4	25
Yoakum	13	180
Divisions	168	359
Total Attendance	859	2738

Attachment C

Provide Updated SWMP Summary - BMP 2.3.1, 3.3.2, and 4.3.3

Texas Department of Transportation Stormwater Management Program



Municipal Separate Storm Sewer System (MS4) Permit Number WQ0005011000

Texas Department of Transportation
Environmental Affairs Division
125 East 11th Street
Austin, Texas 78701

(512) 416-3001
Fax (512) 416-2746

May 2017 – Revised February 2018

Texas Department of Transportation Municipal Separate Storm Sewer System Stormwater Management Program

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ACRONYMS

AE – Area Engineer

AOTS – Advanced Outfall Tracking System

AP&D – Advanced Planning and Development (referred to in Attachment H)

BMP – Best Management Practice

BPT – Best Practicable Control Technology

CDA – Comprehensive Development Agreement

CGP – Construction General Permit

CSN – Construction Site Notice

CWA - Clean Water Act

CZ – Contributing Zone

CZP - Contributing Zone Abatement Plan

DEQC – District Environmental Quality Control

DWR – (referred to in Attachment H)

EA – Environmental Assessment

EMS – Environmental Management System

ENV – TxDOT Environmental Affairs Division

EPIC – Environmental Permits, Issues and Commitments Sheet

FHWA – Federal Highway Administration

GI – Green Infrastructure

GPS – Global Positioning System

IDDE – Illicit Discharge Detection and Elimination

I-Plan- Implementation Plans

IWB – Impaired Water Body

LID – Low Impact Development

LPST – Leaking Petroleum Storage Tanks

MCM – Minimum Control Measures

MEP – Maximum Extent Practicable

MOU – Memorandum of Understanding

MS4 – Municipal Separate Storm Sewer System

NEPA – National Environmental Policy Act

NOC – Notice of Change

NOI – Notice of Intent

NOT – Notice of Termination
OCC – TxDOT Occupational Safety Division
O&M – Operation and Maintenance
PFC – Permeable Friction Course
POC – Pollutant of Concern
PS&E – Plans, Specifications and Estimates
PSA – Public Service Announcement
RAP – Reclaimed Asphalt Pavement
ROW – Right-of-Way
RP – Responsible Party
RZ – Recharge Zone
SPCC – Spill Prevention Control and Countermeasure
SWAT - Stormwater Advisory Team
SWMP – Stormwater Management Program
SWP3 – Stormwater Pollution Prevention Plan
TAC - Texas Administrative Code
TBD - To be determined
TCEQ – Texas Commission of Environmental Quality
TDA – Texas Department of Agriculture
TIP – Transportation Improvement Program
TMDL – Total Maximum Daily Load
TPDES – Texas Pollutant Discharge Elimination System
TSS – Total Suspended Solids
TxDOT – Texas Department of Transportation
UA – Urbanized Area
WPAP - Water Pollution Abatement Plan
WUS – Waters of the United States

INTRODUCTION

The Texas Department of Transportation (TxDOT) has developed this Stormwater Management Program (SWMP) in accordance with the requirements of the Texas Commission on Environmental Quality (TCEQ), Texas Pollutant Discharge Elimination System (TPDES) Municipal Separate Storm Sewer System (MS4) permit WQ0005011000. The purpose of the SWMP is to describe the Minimum Control Measures (MCM) and Best Management Practices (BMPs) for implementation of specific programs, controls, and activities with the intent of reducing the potential discharge of pollutants from the MS4 that could reach Waters of the United States (WUS).

This document presents TxDOT's SWMP for TPDES Permit No. WQ0005011000 for the following 22 TxDOT districts:

District 1 – Paris	District 2 – Fort Worth	District 3 – Wichita Falls
District 4 – Amarillo	District 5 – Lubbock	District 6 - Odessa
District 7 – San Angelo	District 8 – Abilene	District 9 – Waco*
District 10 – Tyler	District 12 – Houston	District 13 – Yoakum
District 14 –Austin	District 15 – San Antonio	District16– Corpus Christi
District 17 – Bryan	District 18 – Dallas	District 19 – Atlanta
District 20 – Beaumont	District 21 – Pharr	District 22 – Laredo
District 24 – El Paso		

*A small portion of the Killeen UA extends into Lampasas [in the Brownwood District](#). The Waco District will implement and report BMP activities for this part of the MS4.

It is the intent of TxDOT to develop and implement a comprehensive SWMP that establishes measurable goals, oversight, and enforcement, to comply with Permit No. WQ0005011000. As vital components to achieving and maintaining compliance, TxDOT has established the following:

- A Division of Environmental Affairs to oversee and coordinate all environmental policy and related issues, including water quality;
- A multi-disciplinary MS4 Stormwater Advisory Team (SWAT). The MS4-SWAT represents various divisions and districts within TxDOT who have been given the task of coordinating, reviewing, and developing guidelines and policies related to stormwater management, including the TPDES requirements;
- A "Memorandum of Understanding" (MOU) with TCEQ (see Attachment A). The MOU with TCEQ has been entered into with TxDOT outlining, among other things, a coordination procedure allowing for the TCEQ to review and comment on TxDOT's environmental assessments prepared for roadway projects early in the project development stages;
- An extensive research project with the University of Texas Center for Transportation Research. The research was performed to specifically study highway runoff and the effectiveness of certain control measures. This research showed grassy swales to be effective at reducing runoff volumes and pollutant concentrations;

- Environmental Management System (EMS). TxDOT's EMS program ensures compliance with environmental requirements related to road construction. Through the EMS program, TxDOT strives to increase environmental protection, reduce potential violations, improve relationships and interaction with regulatory agencies and the public, and minimize risk to project budgets and schedules that may result from potential environmental non-compliance. The EMS Team Leaders consist of knowledgeable and experienced personnel who work closely with District staff to ensure regulatory compliance; and,
- TxDOT's "Don't Mess with Texas" campaign and "Adopt-a-Highway" program. These programs educate the public on how to keep pollutants from our water, and provide opportunities for groups and/or individuals to participate in keeping our waters clean.

PURPOSE OF THE SWMP

This SWMP includes the statewide and district-specific pollution prevention measures, treatment or pollutant removal techniques, stormwater monitoring, use of legal authority, and other appropriate means to control the quality of stormwater discharged from the TxDOT MS4 to the Maximum Extent Practicable (MEP). These program requirements are presented as specified in TxDOT's TPDES Permit, while presenting supplemental information to further define TxDOT's program. The program incorporates measurable goals, whenever practicable, and includes controls necessary to effectively prohibit the discharge of non-stormwater into the MS4. The SWMP covers the term of the permit and is updated as necessary to ensure compliance.

This document is the required SWMP for areas of the state subject to TPDES MS4 regulations: the TxDOT right-of-way (ROW) within the urbanized areas established by the 2000 and 2010 U.S. EPA Phase II Urbanized Area maps, and TxDOT's MS4 located in Phase I areas based on the 1990 U.S. Bureau of Census - hereafter referred to as "TxDOT's regulated area". The SWMP includes the relevant TPDES permit language (depicted in italics) for each MCM. It describes and defines BMPs for each of the MCMs, measurable goals for each BMP, and an implementation schedule for all activities. The Environmental Affairs Division will evaluate the need for revision of the SWMP at least annually. Additional BMPs may be included, and equivalent BMPs substituted, based on these annual evaluations. Elimination of a BMP, without the inclusion of an equivalent BMP, requires TxDOT to submit a notice of change (NOC) to TCEQ.

1.0 MCM 1 - PUBLIC EDUCATION, OUTREACH, AND INVOLVEMENT

1.1 Permit Requirements

(a) Public Education and Outreach

- (1) *The permittee shall continue to develop, implement, and maintain a comprehensive stormwater education and outreach program to educate employees, contractors, and the traveling public of hazards associated with illegal discharges, improper disposal of waste, floatables, toxic materials, used oil, disposal and management of pesticides, herbicides and fertilizers and about the impact that stormwater discharges can have on local waterways, as well as the steps that the traveling public can take to reduce pollutants in stormwater.*

The permittee shall assess program elements that were described in the previous permits, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements and all elements in newly regulated Phase II MS4 areas must be fully implemented by the end of this permit term. The program must, at a minimum:

- a. Define the goals and objectives of the program based on high priority community-wide issues (for example, reduction of trash and debris discharges from the MS4, promoting previous public campaigns used in the MS4, or increasing the numbers of illicit discharge reporting). The permittee shall document activities conducted and materials used to fulfill this control measure, if applicable. Documentation must be detailed enough to demonstrate the amount of resources used to address each group. This documentation must be included in the annual reports required in this permit;*
 - b. Identify the target audience(s);*
 - c. Develop or utilize appropriate educational materials, such as printed materials, billboard and mass transit advertisements, signage at select locations, radio advertisements, television advertisements, and websites; and*
 - d. Determine cost effective and practical methods and procedures to meet the above goals and objectives.*
- (2) *Throughout the permit term, the permittee shall make the educational program available to convey the education message to the target audience(s) at least annually.*
- (3) *The permittee shall review and update as necessary, the statewide SWMP and MCM implementation procedures required by this permit. Any changes must be reflected in the statewide annual reports. Such written procedures must be maintained at the District's office and headquarters, as a separate documentation within the statewide SWMP and made available for inspection by the TCEQ.*

(b) *Public Involvement*

The permittee shall involve the public in the planning and implementation activities related to developing and implementing the SWMP. At minimum, the permittee shall comply with any state and local public notice requirements.

The permittee shall assess program elements that were described in previous permits, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements and all elements in newly regulated Phase II MS4 areas must be fully implemented by the end of this permit term. At a minimum, the permittee shall:

- (1) If feasible, consider using public input (for example, the opportunity for public comment, or public meetings) in the implementation of the program;*
- (2) If feasible, create opportunities for citizens to participate in the implementation of control measures, such as stream clean-ups, storm drain stenciling, volunteer monitoring, and educational activities; and*
- (3) Ensure the public can easily find information about the statewide SWMP.*

1.2 Program Overview

Permit No. WQ0005011000 requires that TxDOT implement a public education program to distribute educational materials to its applicable communities or conduct equivalent outreach activities about the impacts of stormwater discharges on water bodies and the steps that the public can take to reduce pollutants in stormwater runoff (see 40 CFR §122.34(b)(1)). Permit No. WQ0005011000 also requires a public involvement and participation program that, at a minimum, complies with state and local public notice requirements (see 40 CFR § 122.34(b)(2)).

1.2.1 Public Education, Outreach, and Involvement

TxDOT has several programs, publications, and forums for educating and involving the public, TxDOT employees, and contractors on issues affecting stormwater quality. Elements of the program focus on general public programs (e.g., “Don’t Mess With Texas” campaign and “Adopt-a-Highway” program) and inter-agency education on environmental issues, such as proper handling and application of pesticides and fertilizers, proper handling of used oil and toxic materials, and improvement and awareness of construction and maintenance activities.

TxDOT has developed, implemented, and continues to maintain a comprehensive stormwater education and outreach program. The comprehensive program focuses on educating target audiences about the impacts that illegal discharges (i.e., third-party discharges into the TxDOT MS4 and illicit storm sewer connections) and improper disposal

of waste and litter can have on stormwater discharges. TxDOT also provides steps that target audiences can take to reduce pollutants in stormwater runoff.

There are no residences, businesses, or commercial and industrial facilities located within TxDOT's regulated area. For this MCM TxDOT will target users of our roadways.

TxDOT has determined that the following audiences are high-priority statewide targets:

- TxDOT employees;
- General traveling public; and,
- Construction site personnel.

TxDOT has implemented an educational BMP and participation/involvement BMP to target the above audiences. This includes:

(1) Educational BMP – To address improper disposal of waste, TxDOT continues to develop and promote the “Don’t Mess with Texas” campaign. The “Don’t Mess with Texas” campaign is a nationally recognized, award-winning public education/outreach program. Its message is very effective and highly recognizable statewide and the campaign itself has received considerable recognition, both nationally and internationally, as an excellent example of public education/outreach. TxDOT has begun the “Don’t Mess With Texas Water” campaign, developed under the Texas Legislature (82(r) HB 451) <http://www.legis.state.tx.us/tlodocs/82R/billtext/html/HB00451F.HTM>. This program is implemented through an MOU between TCEQ and TxDOT (Attachment A).

(2) Outreach and Involvement BMP – To encourage public participation/involvement in minimizing improper waste disposal, TxDOT will continue to develop and sponsor the “Adopt-a-Highway” program. Individuals and/or groups are encouraged to volunteer for litter collection activities at designated “Adopt-a-Highway” segments. During past permit terms, this program has proven to be highly successful in generating new volunteers and providing cleaner roadway segments. TxDOT provides “Adopt-a-Highway” groups with stormwater related educational materials and the equipment and supplies necessary to clean their adopted segments. In addition, TxDOT places roadway signs advertising the “Adopt-a-Highway” entity responsible for cleaning the subject segment. TxDOT maintains a list of current “Adopt-a-Highway” individuals/groups.

TxDOT utilizes public input (for example, the opportunity for public comment or public meetings) in the implementation of the MS4 program through the Transportation Improvement Program (TIP) or Statewide Transportation Improvement Program (STIP). If a public meeting is held, a citizen advisory committee is formed, or a similar public function is established to allow the public an opportunity to participate in transportation development and the associated SWMP implementation. TxDOT will comply with all applicable state and local public notice requirements for the activity.

TxDOT has created opportunities for citizens to participate in the implementation of control measures through the “Adopt-a-Highway” program.

TxDOT keeps a copy of the Statewide SWMP at the ENV Division in Austin and at each District office for the public to gain access. An electronic copy of the SWMP is posted on TxDOT's ENV website.

The educational, participation, and involvement BMP activities and materials utilized to fulfill this control measure will be documented. Records of these activities will be summarized in the annual reports and will describe the message of the educational campaign, the program's success summary (e.g., reduction of trash, miles of "Adopt-a-Highway" program), and the events or methods used to provide the information to the target audience. Included in each BMP is a description of the records that will be maintained and included in the annual reports.

1.3 Best Management Practices and Measurable Goals

1.3.1 Don't Mess with Texas Program

TxDOT will continue to develop and implement the "Don't Mess with Texas" campaign. TxDOT will utilize public service announcements (PSAs) to get the department's anti-littering message to the public. To promote airtime, TxDOT will distribute ready-to-use ads to local TV or radio stations.

The "Don't Mess with Texas" campaign increases public awareness that cigarette butts not only create litter but also contribute to wildfires by promoting its "Texas is Not Your Ashtray" message with statewide advertising that includes social media messaging, [banner ads on websites](#), and [outdoor](#) billboards.

TxDOT programs such as "Don't Mess with Texas" are successful contributors to litter abatement. This program promotes, publicizes, and helps facilitate the public to be involved and to report to TxDOT the presence of improper disposal of materials along the highway and into the MS4 area.

TxDOT will report [the assortment of advertisements and outreach efforts from the DMWT program, such as the number and cost of permit year ads-advertisements aired on radio and television, outreach efforts through social media, banner ads, and outdoor billboards](#) and, when possible, will provide an estimate of the target audience.

1.3.2 Adopt a Highway Program

TxDOT will typically assign local volunteer groups to pick up litter along a designated segment of highway as part of the "Adopt-a-Highway" program. Under this program, groups sign up to adopt a two mile length of highway and make sure that litter is periodically picked up from the ROW along the highway.

TxDOT will report the number of permit year volunteer groups and highway miles adopted, and provide an estimate of the volume of trash and debris collected and disposed of.

1.3.3 Texas Trash-Off Program

The “Texas Trash-Off” is an annual TxDOT event encouraging people across the state to join forces to clean up the millions of pieces of litter that accumulate on Texas roadways each year.

Trash-Off is the single largest one-day cleanup event in the state and is Texas’s signature event for the Great American Cleanup, the nation’s largest community improvement program. This BMP has, in the past, saved approximately \$~~2,976,3763~~ million in pick-up costs throughout the state.

TxDOT will include in its annual report a copy of the latest Trash-Off Planner, ~~which reports the~~ statewide number of volunteers participating, ~~the number of events held,~~ the ~~number of~~ roadway miles cleared of litter and debris, and the pounds of trash collected.

1.3.4 Texas Highways Magazine

Texas Highways magazine is published monthly by TxDOT’s Travel Information Division. Texas Highways, the official travel magazine of Texas, encourages proper use of TxDOT roads and presents ways to reduce littering while traveling state roadways. In addition to the published magazines, electronic magazines are sent monthly by email to electronic subscribers. This magazine reaches more than 300,000 subscribers and promotes environmental stewardship through highlighting Texas’ natural beauty.

TxDOT will report the number of permit year magazines distributed ~~and~~including, as available, the number of electronic copies distributed.

1.3.5 TxDOT’s Webpages

TxDOT’s webpage (<https://www.txdot.gov/>) has an environmental section with information on environmental resources and a link to the “Don’t Mess with Texas” litter prevention campaign webpage, (<http://www.dontmesswithtexas.org>). The website is designed to promote, publicize, and facilitate the public to be involved and to report to TxDOT the presence of improper disposal of materials by participating in the listed programs. The website also contains a section for reporting a litterer.

TxDOT’s Environmental Affairs webpage (<http://www.txdot.gov/inside-txdot/division/environmental.html>) has information on environmental resources and a link to the stormwater program at: <https://www.txdot.gov/inside-txdot/division/environmental/stormwater.html>. The website is designed to educate the public about impacts from illicit discharge and improper disposal of materials to stormwater. The website also contains information on actions to take to eliminate pollutants into water sources from stormwater runoff.

TxDOT will report the number of permit year views on each of the four websites listed above.

1.3.6 Education of Construction Site Personnel

TxDOT provides education for both TxDOT and contractor employees involved in road construction through mandated training based on job role. All employees involved in earth disturbing road construction activities will review environmental videos as defined in TxDOT Specification SP506-003 (See Attachment B) and the EMS Training Matrix (see Attachment B). Stormwater and EMS posters provide training to employees and the traveling public.

TxDOT requires a preconstruction meeting for projects that include the CGP NOI to review an environmental agenda. The review of the requirements provides awareness and ensures understanding of environmental needs [and permit requirements](#) for each project.

TxDOT will report the number of permit year TxDOT and contractor employees that received training. [These numbers will be provided statewide, not only for the MS4 regulated area, since TxDOT and contractor employees may work in multiple locations both inside and outside the MS4 area.](#)

1.3.7 Education of Herbicide Application Personnel

All TxDOT employees that work in TxDOT's regulated area, including maintenance yards, are trained in the proper use of materials that may impact stormwater quality. Training includes material handling and proper disposal for general tasks such as roadway repairs or vehicle maintenance. Specific activities such as pesticide application are performed by personnel certified to perform that activity safely.

TxDOT will report the number permit year employees that received herbicide application training.

1.4 BMP Implementation Schedule, Activity, and Measurable Goals

Table 1.1

PUBLIC EDUCATION, OUTREACH, AND INVOLVEMENT				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
Annually/Aug	1.3.1-"Don't Mess with Texas" Program	Contact local TV and/or radio stations and provide them with TxDOT developed "Don't Mess With Texas" PSAs. <u>Use social media, banner ads, and outdoor advertising.</u>	The cost and number of times TV or radio stations run the ads , <u>social media cost and views, banner ads, outdoor events hosted with cost, and billboards with cost, and projected audience if available.</u>	DMWT ENV
Annually/Aug	1.3.2-"Adopt-a-Highway" Program	Remove litter and other solid waste from the TxDOT roadway and/or the adjacent TxDOT MS4 through "Adopt-a-Highway" events.	Report the number of volunteers s groups, how many miles of MS4 were adopted, and volume of materials removed. <u>Report Compass Code 525.</u>	DMWT District ENV
Annually/Aug	1.3.3-"Texas Trash-Off" Program	Annual One Day cleanup event statewide.	Report the number of volunteers, events, roadway miles cleared, and the pounds of trash collected. <u>Provide Trash-Off Planner.</u>	Travel Information Division
Annually/Aug	1.3.4-"Texas Highways Magazine"	Litter prevention and proper use of TxDOT roadways.	The number of printed copies and distributed and the number of E-mails of electronic copies distributed.	Travel Information Division
Annually/Aug	1.3.5- DMWT TxDOT's Webpages, and -ENV Webpage	Update web pages with new information.	Number of <u>hits-views</u> from these web pages.	DMWT ENV
Annually/Aug	1.3.6-Education of Construction Site Personnel	Training classes (see Attachment B - List of training classes) and/or Posters	Record class dates and number of participants as well as document number of posters when provided <u>for the permit year.</u>	District ENV
Annually/Aug	1.3.7-Education of Herbicide Application Personnel	Training classes (see Attachment B - List of training classes)	Record class dates and number of participants <u>for the permit year.</u>	District ENV

2.0 MCM 2 – ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE)

2.1 Permit Requirements

(a) Program Development

- (1) *The permittee shall continue to develop, implement and enforce a program to detect, investigate, and eliminate illicit discharges into the MS4. The program must include a plan to detect and address non-stormwater discharges, including illegal dumping to the MS4 system.*

The permittee shall assess program elements that were described in previous permits, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements and all elements in newly regulated Phase II MS4 areas must be fully implemented by the end of this permit term. See also Part III.A.1(g).

The Illicit Discharge Detection and Elimination (IDDE) program must include the following:

- a. Up-to-date MS4 area maps (See Part III.B.2(c));*
 - b. Methods for informing and training MS4 field staff (See Part III.B.2.(d));*
 - c. Procedures for tracing the source of an illicit discharge (See Part III. B.2.(g)(2);*
 - d. Procedures for removing the source of the illicit discharge (See Part III.B.2.(g)(3);*
 - e. Procedures for conducting inspections (See Part III.B.2.(h)); and*
 - f. Procedures to prevent and correct any leaking on-site sewage disposal systems that discharge into the MS4.*
- (2) *If illicit connections or illicit discharges are observed related to another operator's MS4, the permittee shall notify the other MS4 operator within 48 hours of discovery. If notification to the other MS4 operator is not practicable, then the permittee shall notify the appropriate TCEQ regional office of the possible illicit connection or illicit discharge.*
- (3) *If another MS4 operator notifies the permittee of an illegal connection or illicit discharge to the MS4, then the permittee shall follow the requirements specified in Part III.B.2.(e).*
- (4) *The permittee shall review and update as necessary, the statewide SWMP and MCM implementation procedures required by Part III.A.2. Any changes must be reflected in the statewide annual reports. Such written procedures must be maintained at the district office and in the SWMP and made available for inspection by the TCEQ.*

(b) Allowable Non-Stormwater Discharges

Non-stormwater flows listed in Part II.C do not need to be considered by the permittee as an illicit discharge requiring elimination, unless the permittee or the TCEQ identifies the flow as a significant source of pollutants to the MS4s.

(c) MS4 areas mapping

The permittee shall maintain an up-to-date MS4 area map, which must be located on site and available for review by the TCEQ. The MS4 map must show at a minimum the following information:

- (1) The location of all MS4 outfalls that are operated by the permittee and that discharge into waters of the U.S.; and*
- (2) The location and name of all surface waters receiving discharges from all the MS4 outfalls.*

(d) Education and Training

The permittees shall implement a method for informing or training all the permittee's field staff that may come into contact with, or otherwise observe, an illicit discharge or illicit connection to the MS4 as part of their normal job responsibilities. Training program documentation and attendance lists must be maintained at the permittee's headquarters and at the District's office and made available for review by the TCEQ.

(e) Public Reporting of Illicit Discharges and Spills

To the extent feasible, the permittee shall publicize and facilitate public reporting of illicit discharges or water quality impacts associated with discharges into or from the MS4. The permittee shall provide a central contact point to receive reports; for example, by including a sign on the highway or rest stop area with a telephone number for complaints and spill reporting.

- (f) The permittee shall continue and improve as necessary existing programs which prevent, contain, and respond to spills that may discharge into the MS4. The spill response program may include a combination of spill response actions by the permittee (and/or another public or private entity), and legal requirements for private entities within the jurisdiction of the permittee. The permittee shall maintain illicit discharge and spill response procedures on site or in the SWMP.*

(g) Source Investigation and Elimination

- (1) Minimum Investigation Requirements – Upon becoming aware of an illicit discharge, the permittee shall conduct an investigation to identify and locate the source of such illicit discharge as soon as practicable.
 - a. The permittee shall prioritize the investigation of discharges based on their relative risk of pollution. For example, sanitary sewage may be considered a high priority discharge. Similarly, priority areas, likely to have illicit discharges, should be considered a high priority for investigation. (See item B.2.(i)(4) below).**

- b. The permittee shall report to the TCEQ immediately upon becoming aware of the occurrence of any illicit flows believed to be an immediate threat to human health or the environment.*
 - c. The permittee shall track all investigations and document, at a minimum: the date(s) the illicit discharge was observed; the results of the investigation; any follow-up of the investigation; and the date the investigation was closed.*
- (2) Identification and Investigation of the Source of the Illicit Discharge – The permittee shall investigate and document the source of illicit discharges where the permittee has jurisdiction to complete such an investigation. If the source of illicit discharge extends outside the permittee's boundary, the permittee shall notify the adjacent permitted MS4 operators or the TCEQ Program Support Section according to Part III.A.3.b.*
- (3) Corrective Action to Eliminate Illicit Discharge - If and when the source of the illicit discharge has been determined, the permittee shall immediately notify the responsible party of the problem, and shall require, to the MEP, the responsible party to perform all necessary corrective actions to eliminate the illicit discharge. If it is not feasible for the permittee to enforce the incident, the permittee shall notify an adjacent MS4 operator with enforcement authority or TCEQ Program Support Section according to Part III.A.3.*

(h) Inspections

The permittee shall conduct inspections, as determined appropriate, in response to complaints, and shall conduct follow-up inspections as needed to ensure that corrective measures have been implemented by the responsible party.

(i) Additional Requirements for Previous Phase I Permitted Areas

In addition to all the requirements described above, the permittee shall meet the following requirements in areas that previously were permitted under a Phase I permit.

- (1) Overflows and Infiltration – The permittee shall implement controls, where necessary and feasible, to address dry weather and wet weather overflows from sanitary sewers into the MS4s. The permittee shall limit the seepage from municipal sanitary sewers into the MS4s to the MEP.*
- (2) List of discharges - The permittee shall maintain, and update as necessary, a list of discharges to the MS4 that have been issued an NPDES or a TPDES permit. The list shall include the name, location and permit number of the discharger.*
- (3) Hazardous Waste and Used Motor Vehicle Fluids*
 - a. The permittee shall prohibit the discharge or disposal of used motor vehicle fluids, hazardous wastes, and the intentional disposal of collected quantities of grass clippings, leaf litter, and animal wastes into the MS4s.*
 - b. The permittee shall ensure the implementation of programs to collect used motor vehicle fluids (including, at a minimum, oil and antifreeze) and*

hazardous waste materials (including paint, solvents, pesticides, herbicides, and other hazardous materials) for recycling, reuse, or proper disposal. Such programs must be readily available to the permittee's contractors and to the permittee's employees and shall be publicized and promoted on a regular basis.

(4) Identification of Priority Areas – The permittee shall identify priority areas likely to have illicit discharges and shall document the basis for the selection of each priority area and shall create a list of all priority areas identified. This priority list must be available for review by the TCEQ.

(5) Alternate Stormwater Assessment Program for Previous Phase I Permitted Areas

1) Alternate Dry Weather Screening Program – The permittee shall continue to screen and detect the presence of illicit connections and improper discharges from adjacent MS4s and illegal third parties discharges to the permittee's MS4. All areas that were permitted under the Phase I MS4 program (See Part II.A) must continue to be screened as specified in the statewide SWMP at least once during the permit term.

2) Alternate Wet Weather Program – In previous Phase I permitted areas where the permittee was responsible for outfall or watershed monitoring under the Wet Weather Characterization program, the permittee shall continue to evaluate the watershed using existing stormwater characterization data collected by reliable sources such as TCEQ, local river authorities, partnerships, and/or other local efforts as appropriate. The analysis and interpretation of this data shall be submitted to TCEQ in the year 4 annual report. Previous Phase I areas under this requirement include: TxDOT Beaumont (WQ0004644000), City of San Antonio (WQ0004284000), TxDOT Austin (WQ0004645000), City of Houston (WQ0004685000), TxDOT Houston District (Pasadena) (WQ0004520000), City of Fort Worth (WQ0004350000), City of Arlington (WQ0004635000), and City of Dallas (WQ0004521000).

(j) Additional Requirements for Previous TxDOT – Austin District Phase I Permit (WQ0004645000)

In addition to all the requirements described above, the permittee shall meet the following requirements in specific areas that previously were permitted under the TxDOT Austin-District Phase I permit.

Spill Prevention and Response – the permittee shall continue to implement and improve, as necessary, programs that prevent, contain, and respond to spills that may discharge into the MS4. When cleanup of a ROW spill is necessary to prevent loss of life, personal injury, or severe property damage, the permittee shall ensure the parties responsible for the spill take all reasonable steps to minimize or prevent any adverse effects to human health or the environment. The spill response programs may include a combination of spill response actions by the permittee (and/or another public entity), and legal requirements for private entities within the jurisdiction of the permittee.

The permittee shall address spills that originate from an adjacent MS4 by notifying the appropriate local MS4 entity within a reasonable time. If the permittee does not agree with the corrective measure(s) or the time schedule proposed by the adjacent MS4, the permittee shall refer the case to the TCEQ for further action and or enforcement.

During emergency spill response, the permittee shall provide support to the lead agency – Department of Public Safety, TCEQ, or local official during the containment and cleanup.

(1) The permittee shall continue to coordinate with the U.S. Fish & Wildlife Service to determine areas of concern for endangered karst invertebrates, submit a discussion of which, if any, existing and needed structures have been identified as potential projects to prevent spills from entering the aquifer, and report any coordination of projects identified with the U.S. Fish & Wildlife Service in the annual report.

If requested by the local jurisdiction, the permittee shall install hazardous material route signs on hazardous material routes that, by the local jurisdiction's Fire Chief and/or Local Emergency Planning Committee, are defined and established within the specific areas that previously were permitted under the TxDOT Austin-District Phase I permit area. The posting of hazardous material route signs shall be done according to the permittee's highway sign policies within the required areas of the permittee's ROW.

2.2 Program Overview

TxDOT is required to develop, implement, and enforce a program to detect and eliminate illicit discharges into the MS4 (see 40 CFR §122.34(b)(3)). Through its IDDE MCM TxDOT is required to respond to complaints about illicit discharges or spills and to actively seek out illicit discharges and behaviors that could result in illicit discharges such as illegal connection to its MS4, improper disposal of wastes, or dumping of trash, oil, and/or other chemicals. Permit No. WQ0005011000 requires TxDOT to have an up-to-date MS4 map. Previously permitted Phase I areas are required to identify areas with a high risk for illicit discharges, and these areas will be prioritized for more frequent investigations. The CWA § 402(p)(3)(B)(ii), requires that TxDOT "effectively prohibit non-stormwater discharges into the storm sewers." Permit No. WQ0005011000 provides implementation of this requirement, in part by requiring the development of procedures to investigate and eliminate illicit discharges, and methods for informing or training TxDOT staff and contractors who may come into contact or observe illicit discharges, on the identification and proper procedures for reporting illicit discharges. Permit No. WQ0005011000 requires TxDOT to develop and implement a dry weather screening program in its previously permitted Phase I areas.

2.2.1 Program Development

- a) TxDOT will continue to develop, implement and enforce a program to detect, investigate, and eliminate illicit discharges into the MS4. The program includes a plan to detect and address non-stormwater discharges, including illegal dumping to the MS4 system.

TxDOT will assess IDDE program elements that were described in previous permits, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements and all elements in newly regulated Phase II MS4 areas will be fully implemented by the end of this permit term.

The Illicit Discharge Detection and Elimination (IDDE) program includes the following:

- 1) Up-to-date MS4 area maps;
 - 2) Methods for informing and training MS4 field staff;
 - 3) Procedures for tracing the source of an illicit discharge;
 - 4) Procedures for removing the source of the illicit discharge;
 - 5) Procedures for conducting inspections; and,
 - 6) Procedures to prevent and correct any leaking on-site sewage disposal systems that discharge into the MS4.
- b) If illicit connections or illicit discharges are observed related to another operator's MS4, TxDOT will notify the other MS4 operator within 48 hours of discovery. If notification to the other MS4 operator is not practicable, then TxDOT will notify the appropriate TCEQ regional office (see Attachment C) of the possible illicit connection or illicit discharge.
- c) If another MS4 operator notifies TxDOT of an illegal connection or illicit discharge to the MS4, then TxDOT will follow the requirements specified in Section 2.3.8.
- d) TxDOT will review and update as necessary the SWMP and MCM implementation procedures required by Part III.A.2 of Permit No. WQ0005011000. Any changes will be reflected in the annual reports. Written procedures will be maintained at the district offices, in the SWMP, and made available for inspection by the TCEQ.

2.2.2 Allowable Non-Stormwater Discharges

This SWMP identifies categories of non-stormwater discharges that are not prohibited from being discharged into the MS4 in Attachment D, along with any necessary controls, as applicable.

2.2.3 MS4 Areas Mapping

TxDOT is required to develop and maintain a map of its MS4 which includes outfalls to WUS. An outfall is defined as a point source at the point where the TxDOT MS4 discharges to WUS and does not include open conveyances connecting two separate storm sewers (internal outfalls), or pipes, tunnels, or other conveyances that connect segments of the same stream or other waters of the U.S. and are used to convey waters of the U.S. For the purpose of this permit, sheet flow leaving the TxDOT MS4 without engineered channelization is not considered an outfall. Point sources such as curb cuts, traffic or right-of-way barriers with drainage slots that drain into open culverts, open swales or an adjacent property, or otherwise not actually discharging into waters of the U.S. are not considered an outfall.

TxDOT updates its map of outfalls to ensure that new outfalls are mapped during the permit term utilizing the Advanced Outfall Tracking System (AOTS) that maps and tracks the outfall locations with associated screening data and outfall classifications.

The AOTS utilizes a Global Positioning System (GPS) to collect outfall spatial and non-spatial data that includes the following:

- The location in latitude and longitude of MS4 outfalls that are operated by TxDOT and that discharge into WUS;
- The location and name of all surface waters receiving discharges from TxDOT MS4 outfalls as well as the impairment classification of each surface water;
- The outfall physical properties and the surrounding areas (including debris, staining, flow, color, etc.); and,
- The analytical results for potential or suspect illicit discharge outfalls.

2.2.4 Education and Training

TxDOT does not have MS4-specific field staff. Field staff consists of multi-disciplinary personnel assigned by the district engineer, and responsibilities range from maintenance to engineering. Staff perform several tasks (for example, construction inspection, emergency response, and environmental processes) during normal job responsibilities.

Personnel who perform MS4 operations are provided with training that contains information on identifying illicit discharge, preventing, and reducing potential stormwater pollution from the TxDOT MS4. Attachment B lists the applicable training classes; the list presented in Attachment B may change due to updates, new training module development, and/or removal of outdated materials.

2.2.5 Public Reporting of Illicit Discharges and Spills

Educating the public and training TxDOT personnel provides a proactive approach to the stormwater program. TxDOT is committed to establishing a program to promote, publicize, and facilitate public reporting of the presence of illicit discharges or water quality impacts associated with discharges from the MS4 and has recently begun the *"Don't Mess With Texas Water"* program:

- The program was developed under Texas Legislature (82(r) HB 451) <http://www.legis.state.tx.us/tlodocs/82R/billtext/html/HB00451F.HTM>;
- The “Don’t Mess With Texas Water” program consists of billboards placed in sensitive watershed areas that will include a phone number for reporting illicit dumping activities; and,
- The program has been implemented through an MOU between TCEQ and TxDOT.

TxDOT also maintains a stormwater web page for reporting spills and illegal dumping, and can be found at <http://www.txdot.gov/contact-us/form.html?id=swp-email>.

2.2.6 Spill Prevention and Response

TxDOT has implemented and improved, as necessary, programs that prevent, contain, and respond to spills that may discharge into the MS4. When cleanup of a ROW spill is necessary, TxDOT will ensure the parties responsible for the spill take all reasonable steps to minimize or prevent adverse effects to human health or the environment. The spill response programs include a combination of spill response actions by TxDOT (and/or another public or private entity), and legal requirements for private entities within the jurisdiction of TxDOT.

TxDOT's role in emergency spill response is to provide support to the lead agency—Department of Public Safety (DPS), TCEQ, or local official during the containment and cleanup. For more information about TxDOT's hazardous material cleanup policy, refer to TxDOT's *Occupational Safety Manual*, Chapter 5, Section 6.

Most spills are a result of a traffic incident, and usually, TxDOT is called to the scene by law enforcement. Safety of TxDOT personnel and the motoring public is priority. Department personnel are specifically prohibited from handling, cleaning up or otherwise coming in contact with toxic or hazardous materials at accident scenes or abandonment sites on the department's ROW. Vehicle fluid cleanup of less than 25 gallons is the only exception to handling or cleaning up hazardous materials at accident scenes or abandonment sites.

The plan below outlines the responsibilities of each agency involved in an emergency spill response. They are also included in TxDOT's Maintenance Operations Manual.

Agency	Responsibilities
TxDOT staff*	<ul style="list-style-type: none"> • Restricts public access • Provides traffic control at the site until relieved by DPS or other on-site coordinator • Report all pertinent information to supervisor • Supervisor reports information to district hazardous material coordinator • District engineer/hazardous materials coordinator notifies appropriate governmental agencies, such as TCEQ, DPS, and the local fire department
DPS	<ul style="list-style-type: none"> • Performs the on-site coordination of transportation emergencies for all unincorporated areas
Local official	<ul style="list-style-type: none"> • Performs on-site coordination of transportation emergencies for all incorporated areas
TCEQ	<ul style="list-style-type: none"> • Acts as lead state agency for spill response

*Note: TxDOT personnel will not intentionally handle, clean up, or otherwise come in contact with toxic or hazardous materials at accident sites.

Spill Response Preparation

As per TxDOT's Maintenance Operations Manual, TxDOT maintenance office supervisors are responsible for:

- Ensuring state vehicles have a copy of the USDOT Emergency Response Guidebook;
- Maintaining updated emergency notification list, including telephone numbers for DPS, local law enforcement, fire department, district hazardous materials coordinator, and the TCEQ; and,
- Instructing employees to remain clear of accident areas contaminated with known or suspected toxic or hazardous materials.

TxDOT's Emergency Response Standard Operating Procedure No. 15-04, which requires, among other things, that the ROW and MS4 be fully restored to its pre-existing condition. This normally includes repairing the infrastructure, replacing removed soil with clean acceptable fill, re-establishing the drainage system, and re-sodding the impacted area. In periods of dry weather, the contractor may be required to water the sod up to five weeks in order to establish the root system.

2.2.7 Source Investigation and Elimination

Data collected during several permit terms supports the conclusion that the majority of illicit discharges to TxDOT's MS4 come from adjacent third-party MS4s. Given this information, TxDOT can better protect the quality of its MS4 by providing increased inspection of third-party outfalls within our ROW. Thus, TxDOT's program to locate and eliminate illicit discharges and improper disposal to the MS4 will focus on third-party

outfalls. The program includes visual inspection (visual screening) to locate portions of the MS4 with suspected illicit discharges and improper disposal, along with the results of field test kits and laboratory analytical verification when warranted.

Outfalls with the potential to contribute high levels of pollutants to the MS4 (based on previous screening results, complaints, land use of others' adjacent MS4, physical evidence, or other factors) and in accordance with the procedures specified in Section 2.3.7 of this SWMP are screened. Follow-up activities to eliminate illicit discharges and improper disposal may be prioritized based on the magnitude and nature of the suspected discharge, sensitivity of the receiving water, or other relevant factors.

TxDOT requires the elimination of illicit discharges and improper disposal practices within the regulated area as expeditiously as possible. If the responsible party (RP) is identified, TxDOT will notify the RP that a proposed plan of action must be submitted to TxDOT within a reasonable amount of time depending on the situation (usually two weeks). In the interim, TxDOT requires the operator of the illicit discharge to take reasonable and prudent measures to minimize the discharge of pollutants to the MS4. Where elimination of an illicit discharge within 30 days is not possible, TxDOT will request an expeditious schedule for removal of the discharge.

Illicit discharges and disposal that originate from an adjacent MS4 will be addressed by notifying the appropriate local MS4 permittee within a reasonable time. If TxDOT does not agree with the corrective measure(s) and/or the time schedule, TxDOT will refer the case to the TCEQ for further action and/or enforcement.

2.2.8 Inspections

TxDOT does not have the legal authority to enforce state environmental laws against third parties. TxDOT will rely completely on the TCEQ or the local municipal government for law enforcement. Upon detection of a potential illicit connection, dumping, other illegal activity, or accident spills, TxDOT will investigate on-site and within the state ROW and then report the problem as appropriate.

2.2.9 Additional Requirements for Previous Phase I Permitted Areas

In addition to all the requirements described above, TxDOT will meet the following requirements in areas that previously were permitted under a Phase I permit.

- a) Overflows and Infiltration – TxDOT will implement controls, where necessary and feasible, to address dry weather and wet weather overflows from sanitary sewers into the MS4s. TxDOT will limit the seepage from municipal sanitary sewers into the MS4s to the MEP.
- b) List of discharges - TxDOT will maintain, and update as necessary, a list of discharges to the MS4 that have been issued an NPDES or a TPDES permit. The list will include the name, location and permit number of the discharger.

- c) Hazardous Waste and Used Motor Vehicle Fluids
 - 1) TxDOT prohibits the discharge or disposal of used motor vehicle fluids, hazardous wastes, and the intentional disposal of collected quantities of grass clippings, leaf litter, and animal wastes into the MS4s.
 - 2) TxDOT will ensure the implementation of programs to collect used motor vehicle fluids (including, at a minimum, oil and antifreeze) and hazardous waste materials (including paint, solvents, pesticides, herbicides, and other hazardous materials) for recycling, reuse, or proper disposal. Such programs will be readily available to the permittee's contractors and to the permittee's employees and will be publicized and promoted on a regular basis.
- d) Identification of Priority Areas – TxDOT will identify priority areas likely to have illicit discharges, document the basis for the selection of each priority area, and will create a list of all priority areas identified. This priority list will be available for review by the TCEQ.
- e) Alternate Stormwater Assessment Program for Previous Phase I Permitted Areas
 - 1) Alternate Dry Weather Screening Program – TxDOT will continue to screen and detect the presence of illicit connections and improper discharges from adjacent MS4s and illegal third parties discharges to the permittee's MS4. All areas that were permitted under the Phase I MS4 program (See Part II.A of Permit No. WQ0005011000) will continue to be screened as specified in the statewide SWMP at least once during the permit term.
 - 2) Alternate Wet Weather Program – In previous Phase I permitted areas where TxDOT was responsible for outfall or watershed monitoring under the Wet Weather Characterization program, TxDOT will continue to evaluate the watershed using existing stormwater characterization data collected by reliable sources such as TCEQ, local river authorities, partnerships, and/or other local efforts as appropriate. The analysis and interpretation of this data will be submitted to TCEQ in the year 4 annual report. Previous Phase I areas under this requirement include: TxDOT Beaumont (WQ0004644000), City of San Antonio (WQ0004284000), TxDOT Austin (WQ0004645000), City of Houston (WQ0004685000), TxDOT Houston District (Pasadena) (WQ0004520000), City of Fort Worth (WQ0004350000), City of Arlington (WQ0004635000), and City of Dallas (WQ0004521000).

2.2.10 Additional Requirements for Previous TxDOT – Austin District Phase I Permit (WQ0004645000)

In addition to all the requirements described above, TxDOT Austin District will meet the following requirements in specific areas that previously were permitted under the TxDOT Austin-District Phase I permit.

Spill Prevention and Response – the TxDOT Austin District will continue to implement and improve, as necessary, programs that prevent, contain, and respond to spills that may discharge into the MS4. When cleanup of a ROW spill is necessary, the TxDOT Austin District will ensure the parties responsible for the spill take all reasonable steps to minimize or prevent any adverse effects to human health or the environment. The spill response programs may include a combination of spill response actions by the TxDOT (and/or another public entity), and legal requirements for private entities within the jurisdiction of TxDOT.

The TxDOT Austin District will address spills that originate from an adjacent MS4 by notifying the appropriate local MS4 entity within a reasonable time. If the TxDOT Austin District does not agree with the corrective measure(s) or the time schedule proposed by the adjacent MS4, the TxDOT Austin District will refer the case to the TCEQ for further action and or enforcement.

During emergency spill response, the TxDOT Austin District will provide support to the lead agency – Department of Public Safety, TCEQ, or local official during the containment and cleanup.

- a) The TxDOT Austin District will continue to coordinate with the U.S. Fish & Wildlife Service to determine areas of concern for endangered karst invertebrates, submit a discussion of which, if any, existing and needed structures have been identified as potential projects to prevent spills from entering the aquifer, and report any coordination of projects identified with the U.S. Fish & Wildlife Service in the annual report.
- b) If requested by the local jurisdiction, the TxDOT Austin District will install hazardous material route signs on hazardous material routes that, by the local jurisdiction's Fire Chief and/or Local Emergency Planning Committee, are defined and established within the specific areas that previously were permitted under the TxDOT Austin-District Phase I permit area. The posting of hazardous material route signs will be done according to the TxDOT's highway sign policies within the required areas of the permittee's ROW.

2.3 Best Management Practices and Measurable Goals

TxDOT has implemented a program to locate and eliminate illicit discharges and improper disposals to the MS4. This program includes visual inspection/screening to locate portions of the MS4 with suspected illicit discharges and improper disposals, along with the results of field test kits and laboratory analytical verification when warranted. Screening points will be selected with an emphasis on those areas that may be contributing high levels of pollutants to the MS4 based on previous screening results, complaints, others' adjacent

MS4 land use, physical evidence, or other factors, and in accordance with the procedures specified in the SWMP.

2.3.1 Program Development

TxDOT will review and update as necessary, the SWMP and MCM implementation procedures required by Part III.A.2 of Permit No. WQ0005011000. Any changes will be reflected in the annual reports. Any updated written procedures to the SWMP will be forwarded to and maintained at the district offices.

2.3.2 Allowable Non-Stormwater Discharges

TxDOT will update its list of Allowable Non-Stormwater Discharges (see Attachment D), as necessary. If changes are made to the list, those changes will be included in the current reporting year annual report.

2.3.3 MS4 Areas Mapping

An information management system for data, the AOTS, was developed to compile a storm sewer outfall map that contains the elements required under the MS4 permit. AOTS is a web-based tool with a central storage database that maintains TxDOT field-collected and desktop related outfall and crossing point data. The AOTS allows for storage of data associated with field inspections, follow-up investigations, and third-party notifications. The stored outfall and crossing point GIS map, together with the corresponding attributes and inspection data is available via an Internet website. The website is broken down into a Map Viewer and Data Manager. Overall, the website provides dynamic mapping capabilities and near real-time tracking information related to TxDOT outfalls across the entire state of Texas.

The AOTS map will be updated with new and relocated outfalls on an annual or on-going basis. Updated maps will be included in the annual report to TCEQ.

TxDOT will include on the AOTS map the location and name of all surface waters receiving discharges from all the MS4 outfalls and include this in the annual report.

TxDOT maps, updates, and completes the MS4 mapping using the schedule detailed in Table 2.1 of Section 2.4 below. TxDOT will focus its screening efforts on the following:

- Issues identified during the initial screening/mapping process are followed up on an individual basis;
- Routine inspection and maintenance of ditches, outfalls, and other roadway appurtenances include an IDDE check, and noted issues will be followed up on an individual basis;
- Spills and complaints will be followed up on an individual basis; and,
- TxDOT will map the location and name of all surface waters receiving discharges from their MS4 outfalls.

2.3.4 Education and Training

Specific emphases on educating and training TxDOT personnel are important and integral aspects of the program. Many pollution problems can be avoided by having an informed population willing to participate in improving stormwater quality. TxDOT will utilize the following existing programs to meet our education and training requirements:

- Training classes to facilitate the proper management and disposal of used oil and potentially hazardous materials;
- Appropriate educational and training guidelines for TxDOT planners, highway designers, construction and maintenance personnel; and,
- Mandated EMS classes for construction and maintenance personnel and managers.

TxDOT will report the number of permit year TxDOT staff and contractor employees that received training in the annual report.

2.3.5 Public Reporting of Illicit Discharges and Spills

TxDOT will utilize the *"Don't Mess With Texas Water"* reporting system and the TxDOT Stormwater Webpage complaint page for receiving reports related to illicit discharges and spills.

TxDOT will report the number calls and complaint forms received during the reporting year in the annual report. Response to public reporting will be included in the annual report as well.

2.3.6 Spill Prevention and Response

TxDOT will respond to complaints of spills and unauthorized discharges that occur within TxDOT's regulated area. TxDOT contracts with professional HAZMAT service teams to respond to a spill in the event the RP is not willing or able to respond to the spill in a timely manner. The TxDOT Hazmat service team is contractually required to be on site within ninety (90) minutes after being informed about an incident. TxDOT tracks the number of spills occurring within the ROW, the amount of material disposed of in a properly classified landfill, and the cost of disposal and cleanup. Collisions of automobiles might result in small spills of organic liquids, but those are unlikely to have an impact on water bodies. Spills from a freight transport or fuel delivery truck, such as liquid or solid cargo, could pose a temporary adverse impact on a water body, and TxDOT responds expeditiously to accidents that result in spills of liquid or solid cargo.

Spills that originate from an adjacent MS4, will be addressed by notifying the appropriate local MS4 permittee within a reasonable time. If TxDOT does not agree with the corrective measure(s) and/or the time schedule, TxDOT will refer the case to the TCEQ for further action and/or enforcement.

TxDOT will report the ~~number~~ quantity of spills responded to during the reporting year in the annual report. The report will also include, if available, the RP, the volume of the spill, and associated cost of the response.

2.3.7 Source Investigation and Elimination

TxDOT will visually observe the MS4 regulated area during daily operations in order to identify the presence of illicit discharges and/or illicit connections, typically originating from third-party dischargers. If illicit discharges or illicit connections are identified, TxDOT has a procedure to perform the illicit discharge/connection inspection, field data collection and tracking system that will apply to observed discharges or illicit connections. Field procedures for screening are illustrated in Figure 2.1 and contained in TxDOT ENV ITEM 303 *MS4 Dry Weather Screening* (Performed only in previously permitted Phase I areas, see section 2.3.9 below), *Outfall Mapping and Illicit Discharge Detection & Elimination (IDDE) Program*, (see Attachment E). Field procedures for mapping are contained in TxDOT ENV ITEM 340 *Global Positioning System (GPS) Data Collection and Processing Procedures for MS4 Outfall Mapping*, Attachment F.

In addition to utilizing the available resources listed above, TxDOT will perform Site-Specific Monitoring when conditions warrant. Site-Specific Monitoring will occur through increased IDDE inspections and will follow specific TxDOT protocols. Existing TxDOT protocols utilize specific procedures, such as flow diagrams and associated reference tables, for IDDE inspection personnel to use in the field. Current flow diagrams and reference tables for IDDE inspections are presented with Figure 2.1 at the end of this section.

2.3.8 Inspections

In the event that a possible illicit discharge is identified, TxDOT will investigate the flow upstream to the extent of TxDOT property. TxDOT will report flows originating off state ROW to the appropriate RP or the adjacent MS4 operator within 48 hours of discharge confirmation for further action. In the event the flow appears to create a hazard or contain toxic or noxious substances, TxDOT will report the flow to the TCEQ. TxDOT has an "Interagency Cooperation Contract" between TCEQ and TxDOT that is intended to mitigate potential pollutant discharges to surface waters and to environmentally sensitive areas.

Process:

1. Notify adjacent landowner upon detection to mitigate illicit discharge and/or illicit connection;
2. If adjacent landowner does not cooperate, notify the adjacent MS4 operator within the time period established above; and/or
3. Notify TCEQ if the adjacent MS4 operator does not respond in a timely manner.

Attachment C includes TCEQ regional offices to contact should TCEQ notification be required.

TxDOT will report the number of inspections performed during the reporting year in the annual report. The report will also include, if available, the RP if found, the cost if available, and who the incident was turned over to for enforcement.

2.3.9 Additional Requirements for Previous Phase I Permitted Areas

Overflows and Infiltration – TxDOT utilizes a utility permit process with intent to regulate the location, design and methods for installation and adjustment of sanitary sewer and other utility lines on state-controlled highways.

TxDOT will report the number of utility permits issued during the reporting year in the annual report.

List of Dischargers – TxDOT will update its list of dischargers, as necessary. If changes are made to the list, those changes will be included in the current reporting year annual report.

Hazardous Waste and Used Motor Vehicle Fluids - TxDOT will indicate how it promoted, on a regular basis, the collection of hazardous waste and used motor oil to contractors and TxDOT employees during the reporting year in the annual report.

Identification of Priority Areas - TxDOT will create and update its list of Priority Areas, as necessary. If changes are made to the list, those changes will be included in the current reporting year annual report.

Dry Weather Screening Program – TxDOT will continue to screen and detect the presence of illicit connections and improper discharges from adjacent MS4s and illegal third-party discharges to the MS4. All areas that were permitted under the Phase I MS4 program will continue to be screened as specified in Section 2.2.1 at least once during the permit term. Each District that had a previously issued Phase I permit is required to continue performing dry weather inspections on outfalls within the previously permitted Phase I areas. Dry weather screening of outfalls is not required in the Phase II designated areas. Dry weather screening will typically be performed by contractors.

TxDOT will report the number dry weather inspections performed during the reporting year in the annual report.

Wet Weather Program – In previous Phase I permitted areas where TxDOT was responsible for outfall or watershed monitoring under the Wet Weather Characterization program, TxDOT will continue to evaluate the watershed using existing stormwater characterization data collected by reliable sources such as TCEQ, local river authorities, partnerships, and/or other local efforts as appropriate. Previous Phase I areas under this requirement include: TxDOT Beaumont (WQ0004644000), City of San Antonio (WQ0004284000), TxDOT Austin (WQ0004645000), City of Houston (WQ0004685000), TxDOT Houston District (Pasadena) (WQ0004520000), City of Fort Worth (WQ0004350000), City of Arlington (WQ0004635000), and City of Dallas (WQ0004521000).

TxDOT will include the Wet Weather Analysis in the year four annual report.

2.3.10 Additional Requirements for Previous TxDOT – Austin District Phase I Permit (WQ0004645000)

Spill Prevention and Response – TxDOT will continue to implement and improve, as necessary, programs that prevent, contain, and respond to spills that may discharge into the MS4. When cleanup of a ROW spill is necessary to prevent loss of life, personal injury, or severe property damage, TxDOT will ensure the parties responsible for the spill take all reasonable steps to minimize or prevent any adverse effects to human health or the environment, as specified in Section 2.3.6 above.

TxDOT will address spills that originate from an adjacent MS4 by notifying the appropriate local MS4 entity within a reasonable time, typically 48 hours. If TxDOT does not agree with the corrective measure(s) or the time schedule proposed by the adjacent MS4, the permittee will refer the case to TCEQ for further action and/or enforcement.

During emergency spill response, TxDOT will provide support to the lead agency, the Department of Public Safety, TCEQ, or other local official during the containment and cleanup.

Spill response in the Austin District is included in the annual report from Section 2.3.6 above.

Agency coordination - TxDOT will continue to coordinate with the U.S. Fish & Wildlife Service to determine areas of concern for endangered karst invertebrates, submit a discussion of which, if any, existing and needed structures have been identified as potential projects to prevent spills from entering the Edwards Aquifer, and report any coordination of projects identified with the U.S. Fish & Wildlife Service in the annual report.

If requested by the local jurisdiction, TxDOT will install hazardous material route signs on hazardous material routes that, by the local jurisdiction's Fire Chief and/or Local Emergency Planning Committee, are defined and established within the specific areas that previously were permitted under the TxDOT Austin-District Phase I permit area. The posting of hazardous material route signs will be done according to TxDOT's highway sign policies within the required areas of the ROW within the TxDOT MS4. Again, this activity will only be performed in the Austin District.

TxDOT will report any agency coordination conducted during the reporting year in the annual report.

2.4 BMP Implementation Schedule, Activity, and Measurable Goals

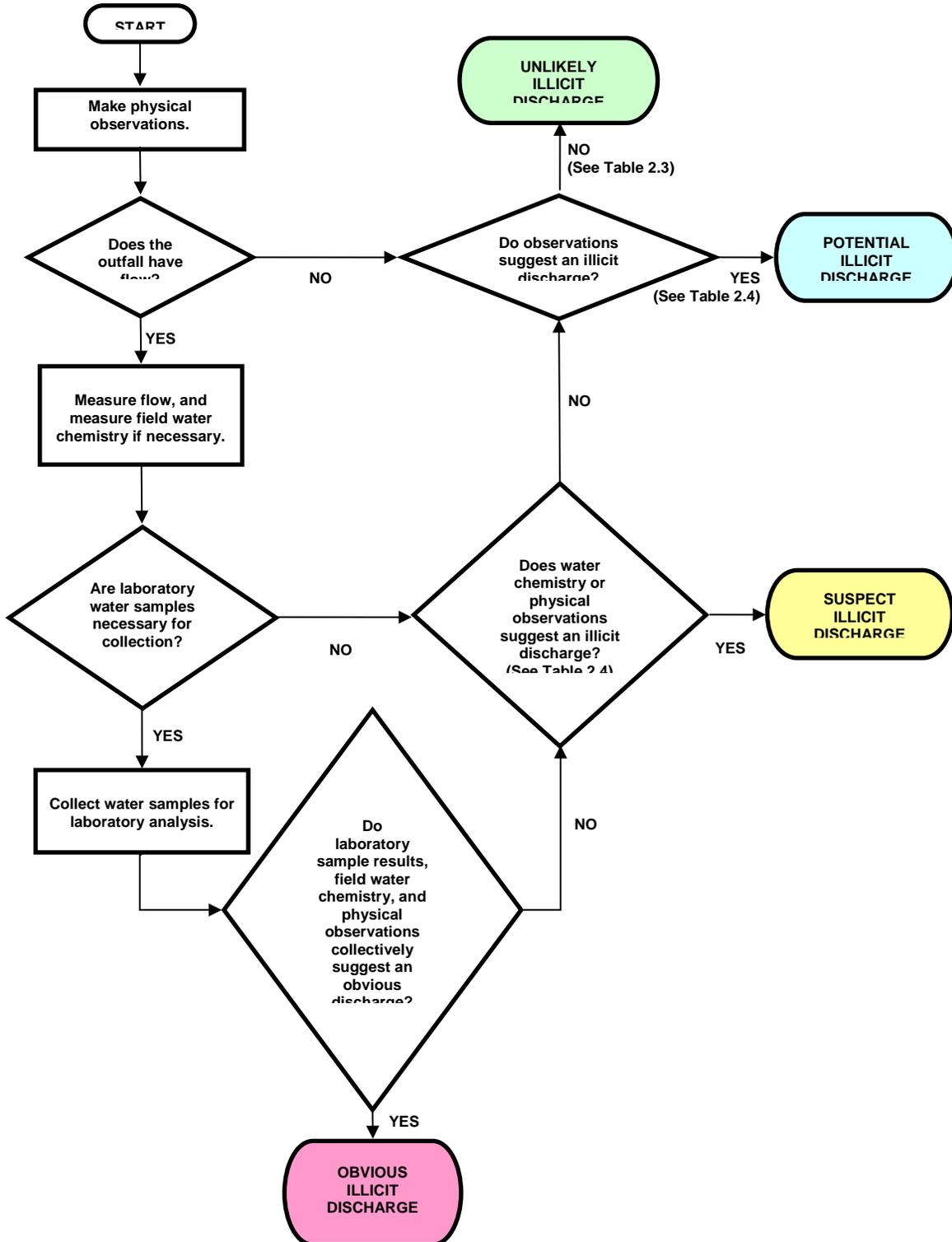
Table 2.1

ILLCIT DISCHARGE DETECTION AND ELIMINATION (IDDE)				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
Annually/Aug	2.3.1-Update SWMP and MCM Implementation	Review and update, as necessary, the SWMP and MCM implementation procedures.	Provide updated SWMP.	ENV
Annually/Aug	2.3.2-Update List of Allowable Non-Stormwater Discharges	Review and update, as necessary, the List of Allowable Non-Stormwater Discharges.	Provide updated List in SWMP.	ENV
Annually/Aug	2.3.3-MS4 Areas Mapping	Update MS4 maps to include 20 percent of new mapped outfalls, relocated outfalls, and deleted outfalls. Identify the location and name of all surface waters receiving discharges from TxDOT outfalls; perform 20 percent per year.	Provide updated map displaying surface waters receiving discharges.	ENV
Annually/Aug	2.3.4-Education and Training	Require TxDOT staff to attend training classes listed in Attachment B as applicable.	Record the number of participants for each training class. Records will be maintained at each District and ENV for TCEQ review.	District ENV
Annually/Aug	2.3.5-Public Reporting of Illicit Discharges and Spills	Utilize the "Don't Mess With Texas Water" reporting system and the TxDOT Stormwater Webpage complaint page for receiving reports.	Report the number calls and complaint forms received	ENV
Annually/Aug	2.3.6-Spill Prevention and Response	Respond to complaints of spills and un-authorized discharges that occur within TxDOT's regulated area.	Report the number <u>quantity of</u> spills responded to. Compass Function Codes 520, 830.	District
Annually/Aug	2.3.7-Source Investigation and Elimination	Observe the TxDOT MS4 during daily operations to detect illicit discharges and/or illicit connections during daily operations.	Provide a list of illicit discharges/illicit connections detected. Summarize and report all follow-up actions resulting from screening to include identified RP and cost.	District ENV

ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE)				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
Annually/Aug	2.3.8- IDDE Inspections	Investigate illicit flow upstream to the extent of TxDOT property. TxDOT will report flows originating off state ROW to the appropriate RP or the adjacent MS4 operator within 48 hours of discharge confirmation for further action.	Report ed with 2.3.7. the number inspections performed and provide a summary, if available, of the RP, cost, and enforcement.	District ENV
THE FOLLOWING BMPs WILL BE PERFORMED ONLY IN PREVIOUSLY PERMITTED PHASE I AREAS				
Annually/Aug	2.3.9. a - Overflows and Infiltration	Utilizes the TxDOT utility permit process to regulate the location, design and methods for installation and adjustment of sanitary sewer and other utility lines.	Report the number utility permits issued.	District ENV
Annually/Aug	2.3.9.b -List of Dischargers	Update list of dischargers, as necessary.	Changes will be included in the current reporting year annual report.	ENV
Annually/Aug	2.3.9. c - Hazardous Waste and Used Motor Vehicle Fluids	Indicate how TxDOT promoted, on a regular basis, the collection of hazardous waste and used motor oil to contractors and TxDOT employees.	Report the number of promotions, the type of promotion and the intended audience in the annual report.	ENV District
Annually/Aug	2.3.9. d - Identification of Priority Areas	Update list of priority areas, as necessary.	If changes are made, include in annual report.	ENV
Annually/Aug	2.3.9. e -Dry Weather Screening Program	Screen 20 percent of the previously permitted Phase I areas and detect the presence of illicit connections and improper discharges from adjacent MS4s and illegal third parties discharges to the MS4.	Report the number dry weather inspections performed.	ENV District
Year 4/Aug	2.3.9. f -Wet Weather Program	Evaluate the listed watersheds using existing stormwater characterization data collected by reliable sources such as TCEQ, local river authorities, partnerships, and/or other local efforts as appropriate, along with any viable TxDOT field data collected.	Include the Wet Weather Analysis in the fourth reporting year annual report.	ENV

ILLCIT DISCHARGE DETECTION AND ELIMINATION (IDDE)				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
ADDITIONAL REQUIREMENTS FOR PREVIOUS TxDOT – AUSTIN DISTRICT PHASE I PERMIT (WQ0004645000) ONLY				
Annually/Aug	2.3.10.a-Spill Prevention and Response	Continue to implement and improve, as necessary, programs that prevent, contain, and respond to spills that may discharge into the MS4.	Spill response in the Austin District is already included in the annual report from Section 2.3.6 above. Compass Function Codes 520, 830.	District
Annually/Aug	2.3.10.b-Agency coordination	Coordinate with the U.S. Fish & Wildlife Service to determine areas of concern for endangered karst invertebrates.	Report any agency coordination conducted during the reporting year in the annual report.	District ENV

**Figure 2.1 - Texas Department of Transportation (TxDOT)
Outfall Field Inspection Work Flow Diagram and Classification Scheme**



Following the flow chart above, when TxDOT field inspection personnel encounter a potential illicit discharge, whether it is in dry weather or wet weather conditions or it is from an established outfall or discharging into the MS4, they begin by assessing the physical parameters presented in Tables 2.2, 2.3, 2.4, and 2.5 below. The following activities may be performed by "TxDOT Qualified Personnel" and/or contractor.

In addition, when it is not evident that the flow/discharge is an acceptable non-stormwater discharge as defined by the permit and this SWMP, a field water chemistry sample is collected and screened using an approved stormwater test kit such as a Lamotte Stormwater Field Laboratory Analysis Kit. If levels of the established potential pollutants exceed the levels in Table 2.3 below, field inspection personnel are required to obtain a water sample, using proper chain-of-custody and preservation procedures, for laboratory analysis at a NELAC accredited laboratory.

Laboratory water chemistry analysis is performed on the following parameters:

- Ammonia_Nitrogen
- Detergent (surfactants)
- E.Coli
- Coliforms, fecal
- pH
- Copper, Total
- Phenols
- Oil and Grease
- Total Petroleum Hydrocarbon

The results of the IDDE field and laboratory chemistry analysis will be tabulated and presented in a database/spreadsheet format for comparison with other available monitoring databases, and a comprehensive database will be provided in the TxDOT MS4 Statewide Year four annual report.

TxDOT will investigate the potential source of and mitigate the detected pollutant(s) to the extent practicable.

TxDOT reports the number of source investigations performed and eliminated during the reporting year in Section 2.3.8.

Table 2.2

Logic Scheme to Negatively Answer "Do Observations Suggest an Illicit Discharge?" Leading to a Classification of "Unlikely Illicit Discharge."

PHYSICAL PARAMETERS	Observation	For Dry Weather	For Wet Weather
	Presence of Foam	No or Null	No or Null
	Color of Stain	Clear, Blue, Green, Gray, Black, Other, None or Null	Clear, Blue, Green, Gray, Black, Other, None or Null
	Turbidity	Clear, Cloudy, or Null	Clear, Cloudy, or Null
	Presence of Floatables	None, Plastics, Paper, or Null	None, Plastics, Paper, or Null
	Vegetative Conditions	None, Other, or Null	None, Other, or Null
	Presence of Deposits	None, Sediment, or Null	None, Sediment, or Null
	Odor	None, Other, or Null	None, Other, or Null

Table 2.3

Table 2 – Logic Scheme to Affirmatively Answer "Do Observations Suggest an Illicit Discharge?" Leading to a Classification of "Potential Illicit Discharge."

	Observation	For Dry Weather	For Wet Weather		
PHYSICAL PARAMETERS	Presence of Foam	Yes	Yes		
	Color of Stain	Yellow, Red, Orange, Blue, Purple, or White	Yellow, Red, Orange, Blue, Purple, or White		
	Turbidity	Cloudy or Opaque	Opaque		
	Presence of Floatables	Sewage, Petroleum Sheen, Paint, or Suds	Sewage, Petroleum Sheen, Paint, or Suds		
	Vegetative Conditions	Poor Growth or Overgrowth	Poor Growth or Overgrowth		
	Presence of Deposits	Oil, Paint, or Others	Oil, Paint, or Others		
	Odor	Sewage, Sulfide, Rancid, or Petroleum	Sewage, Sulfide, Rancid, or Petroleum		
OR					
FIELD WATER CHEMISTRY	Parameter	Results	Units	Results	Units
	Ammonia Nitrogen	> 2.0	ppm	> 2.0	ppm
	Chloride, Total	> 2.0	ppm	> 2.0	ppm
	Detergent (Surfactant)	> 5.0	ppm	> 5.0	ppm
	pH	< 6.0 or > 9.0	Standard Units	< 6.0 or > 9.0	Standard Units
	Copper, Total	> 0.5	ppm	> 1.0	ppm
	Phenols	> 0.3	ppm	> 0.6	ppm

Table 2.4

Logic Scheme to Affirmatively Answer "Does Field Water Chemistry and Observations Suggest an Illicit Discharge?" Leading to a Classification of "Suspect Illicit Discharge."

	Observation	For Dry Weather	For Wet Weather		
PHYSICAL PARAMETERS	Presence of Foam	Yes	Yes		
	Color of Stain	Yellow, Red, Orange, Blue, Purple, or White	Yellow, Red, Orange, Blue, Purple, or White		
	Turbidity	Cloudy or Opaque	Opaque		
	Presence of Floatables	Sewage, Petroleum Sheen, Paint or Suds	Sewage, Petroleum Sheen, Paint or Suds		
	Vegetative Conditions	Poor Growth Over Flourishing	Poor Growth Over Flourishing		
	Presence of Deposits	Oil, Paint or Other	Oil, Paint or Other		
	Odor	Sewage, Sulfide, Rancid, or Petroleum	Sewage, Sulfide, Rancid, or Petroleum		
AND					
FIELD WATER CHEMISTRY	Parameter	Results	Units	Results	Units
	Ammonia_Nitrogen	>2.0	ppm	>2.0	ppm
	Chlorine, total	>2.0	ppm	>2.0	ppm
	Detergent	>5.0	ppm	>5.0	ppm
	pH	<6.0 or >9.0	Standard Units	<6.0 or >9.0	su
	Copper, total	>0.5	ppm	>1.0	ppm
	Phenols	>0.3	ppm	>0.6	ppm

Table 2.5

Logic Scheme to Affirmatively Answer "Do Laboratory Sample Results, Field Water Chemistry, and Observations Suggest an Illicit Discharge?" Leading to a Classification of "Obvious Illicit Discharge."

	Scenario	Sewage	Car Wash	Construction	Commercial Areas	Fuel Spill					
PHYSICAL PARAMETERS	Observation	Dry or Wet Weather	Dry Weather Only	Dry Weather Only	Dry Weather Only	Dry or Wet Weather					
	Presence of Foam	NU	Yes	NU	NU	NU					
	Color of Stain	NU	Yellow Blue, Black, Green, Orange, Red, Gray, Purple, White or Other	Yellow Blue, Black, Green, Orange, Red, Gray, Purple, White or Other	Yellow, Blue, Black, Green, Orange, Red, Gray, Purple, White, or Other	Yellow, Green, Red, Gray, Orange, Purple, or Other					
	Turbidity	Opaque or Cloudy	Cloudy or Opaque	Cloudy or Opaque	NU	NU					
	Presence of Floatables	Sewage	Suds	NU	NU	Petroleum Sheen					
	Vegetative	NU	NU	NU	NU	NU					
	Presence of Deposits	NU	NU	NU	NU	Oily					
	Odor	Sewage, Sulfide or Rancid	NU	NU	NU	Sewage, Sulfide, Rancid, or Other	Petroleum				
	AND/OR										
FIELD WATER CHEMISTRY	Parameter	Results	Units	Results	Units	Results	Units	Results	Units	Results	Units
	Ammonia_Nitrogen	6	ppm	NU	ppm	NU	ppm	6	ppm	NU	ppm
	Chlorine, total	NU	ppm	NU	ppm	NU	ppm	NU	ppm	NU	ppm
	Detergent	NU	ppm	10	ppm	NU	ppm	10	ppm	NU	ppm
	pH	NU	su	>6.0 or <9.0	su	>5.9 or >9.1	su	NU	su	NU	su
	Copper, total	NU	ppm	NU	ppm	2.6	ppm	NU	ppm	NU	ppm
	Phenols	NU	ppm	NU	ppm	3.4	ppm	NU	ppm	3.4	ppm

Table 2.5 Cont.

AND/OR											
	Parameter	Results	U n i t s								
LAB WATER CHEMISTRY	Ammonia_Nitrogen	3	p p m	NU	p p m	NU	p p m	3	p p m	NU	p p m
	Detergent	NU	p p m	5	p p m	NU	p p m	5	p p m	NU	p p m
	E. coli	100,000	M P N / 1 0 0 m L	NU	M P N / 1 0 0 m L	NU	M P N / 1 0 0 m L	100,000	M P N / 1 0 0 m L	NU	M P N / 1 0 0 m L
	Enterococci	100,000	c f u / 1 0 0 m L	NU	c f u / 1 0 0 m L	NU	c f u / 1 0 0 m L	100,000	c f u / 1 0 0 m L	NU	c f u / 1 0 0 m L
	pH	NU	s u								
	Copper, total	NU	p p m	NU	p p m	2.6	p p m	NU	p p m	NU	p p m
	Phenols	NU	p p m	NU	p p m	3.4	p p m	NU	p p m	3.4	p p m
	Oil and Grease	NU	m g / L	NU	m g / L	NU	m g / L	NU	m g / L	>15	m g / L
	Total Petroleum Hydrocarb	NU	p p m	NU	p p m	NU	p p m	NU	p p m	>15	p p m

3.0 MCM 3 - CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

3.1 Permit Requirements

(a) Requirements and Control Measures

The permittee shall continue to develop, implement and enforce a program requiring the permittee's small and large construction activities, as defined in Part I of this permit, to select, install, implement, and maintain stormwater control measures that prevent illicit discharges to the MEP. The program must include the development and implementation of a regulatory mechanism, as well as sanctions to ensure compliance to the extent allowable under state, federal, and local law, to require erosion and sediment control.

The permittee shall assess program elements that were described in the previous permits, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements and all elements in newly regulated Phase II MS4 areas must be fully implemented by the end of this permit term.

If TCEQ waives requirements for stormwater discharges associated with small construction from a specific site(s), the permittee is not required to enforce the program to reduce pollutant discharges from such site(s).

(b) The permittee shall review and update as necessary, the statewide SWMP and MCM implementation procedures required by Part III.A.2. Any changes must be included in the statewide annual reports. Such written procedures must be maintained on site or in the SWMP and made available for inspection by the TCEQ.

(c) The permittee shall continue to require that its construction sites include implementation of appropriate erosion and sediment control BMPs. The permittee's construction program must ensure the following minimum requirements are effectively implemented for all small and large construction activities discharging to its MS4.

(1) Erosion and Sediment Controls - Design, install and maintain effective erosion controls and sediment controls to minimize the discharge of pollutants from construction sites.

(2) Soil Stabilization - Stabilization of disturbed areas must, at a minimum, be initiated immediately whenever any clearing, grading, excavating, or other earth disturbing activities have permanently ceased on any portion of the site, or temporarily ceased on any portion of the site and will not resume for a period exceeding 14 calendar days. Stabilization must be completed as soon as practicable, but no more than 14 calendar days after the initiation of soil stabilization measures except as provided in a. through d. below:

a. Where the immediate initiation of stabilization measures after construction activity temporarily or permanently ceased is precluded by snow cover or

frozen ground conditions, stabilization measures must be initiated as soon as practicable.

In arid, semiarid, and drought-stricken areas, where initiating vegetative stabilization measures immediately is infeasible, alternative stabilization measures must be employed as soon as practicable. Where vegetative controls are not feasible due to arid conditions, the permittee shall immediately install, and within 14 calendar days of a temporary or permanent cessation of work in any portion of the site complete, non-vegetative erosion controls. If non-vegetative controls are not feasible, the permittee shall install temporary sediment controls as required in item c. below.

- c. In areas where temporary stabilization measures are infeasible, the permittee may alternatively utilize perimeter controls. The permittee shall document in a stormwater pollution prevention plan (SWP3) the reason why stabilization measures are not feasible, and must demonstrate that the perimeter controls will retain sediment on site to the extent practicable.*
- d. If the initiation or completion of vegetative stabilization is affected by circumstances beyond the control of the permittee, vegetative stabilization must be initiated or completed as soon as conditions or circumstances allow it on the site. The requirement to initiate stabilization is triggered as soon as it is known with reasonable certainty that work will be stopped for 14 or more additional calendar days.*

(3) BMPs – Design, install, implement, and maintain effective BMPs to minimize the discharge of pollutants to the MS4. At a minimum, such BMPs must be designed, installed, implemented, and maintained to:

- a. Minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters;*
- b. Minimize the exposure of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste, and other materials present on the site to precipitation and to stormwater; and*
- c. Minimize the discharge of pollutants from spills and leaks.*

(4) As an alternative to (1) through (3) above, the permittee shall ensure that all small and large construction activities discharging to its MS4 have developed and implemented a SWP3 in accordance with the TPDES CGP TXR150000.

(d) Prohibited Discharges - The following discharges are prohibited:

- (1) Wastewater from washout of concrete and wastewater from water well drilling operations, unless managed by an appropriate control;*
- (2) Wastewater from washout and cleanout of stucco, paint, from release oils, and other construction materials;*

- (3) *Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance;*
- (4) *Soaps or solvents used in vehicle and equipment washing; and*
- (5) *Discharges from dewatering activities, including discharges from dewatering of trenches and excavations, unless managed by appropriate BMPs.*

(e) *Construction Plan Review Procedures*

To the extent allowable by state, federal, and local law, the permittee shall continue to maintain and implement site plan review procedures that describe which plans will be reviewed as well as when an operator may begin construction. This requirement is limited to those sites operated by the permittee and its contractors and located within the permittee's regulated area. The site plan procedures must meet the following minimum requirements:

- (1) *The site plan review procedures must incorporate consideration of potential water quality impacts.*
- (2) *The permittee may not approve any plans, unless the plans contain appropriate site specific construction site control measures that, at a minimum, meet the requirements described in Part III.B.3.(a) or in the TPDES CGP TXR150000.*

The permittee may require and accept a plan, such as a SWP3, that has been developed pursuant to the TPDES CGP TXR150000.

(f) *Construction Site Inspections and Enforcement*

To the extent allowable by state, federal, and local law, the permittee shall continue to implement procedures for inspecting large and small construction projects. At a minimum, the permittee shall conduct inspections of sites operated by the permittee or its contractors and that are located in the permittee's regulated area.

- (1) *Inspections must occur at a frequency determined by the permittee, based on the evaluation of factors that are a threat to water quality, such as: soil erosion potential; site slope; project size and type; sensitivity of receiving waterbodies; proximity to receiving waterbodies; non-stormwater discharges; and past record of non-compliance by the operators of the construction site.*
- (2) *Inspections must occur during the active construction phase.*
 - a. *The permittee shall develop, implement, and revise as necessary, written procedures outlining the inspection and enforcement requirements. These procedures must be maintained at the permittee's district office and in the statewide SWMP and be made available to TCEQ.*
 - b. *Inspections of construction sites must, at a minimum:*
 - (i) *Determine whether the site has appropriate coverage under the TPDES CGP TXR150000. If no coverage exists, notify the contractor or the permittee's own construction site operator of the need for permit coverage.*

(ii) Conduct a site inspection to determine if control measures have been selected, installed, implemented, and maintained according to the permittee's requirements.

(iii) Assess compliance with the permittee's standards, permit, policy etc.

(iv) Provide a written or electronic inspection report.

c. Based on site inspection findings, the permittee shall take all necessary follow-up actions (for example, follow-up-inspections or enforcement) to ensure compliance with permit requirements and the SWMP. These follow-up and enforcement actions must be tracked and maintained for review by the TCEQ.

If necessary, the permittee shall notify the adjacent MS4 operators with enforcement authority or the TCEQ Program Support Section according to Part III.A.3(c).

(g) Information submitted by the Public

The permittee shall develop, implement and maintain procedures for receipt and consideration of information submitted by the public.

(h) MS4 Staff Training

The permittee shall ensure that all staff whose primary job duties are related to implementing the construction stormwater program (including permitting, plan review, construction site inspections, maintenance, and enforcement) are informed or trained to conduct these activities. The training may be conducted by the permittee or by outside trainers.

(i) Additional Requirements for Previous Phase I Permitted Areas

In addition to all the requirements described above, the permittee shall meet the following requirements in areas that previously were permitted under a Phase I permit.

(1) List of Sites - The permittees shall maintain a current list of construction sites that discharge directly to the MS4 and that have been issued an NPDES or a TPDES permit. The list must include the name, location and permit number of the discharges that have been authorized under an NPDES or TPDES stormwater discharges permit for construction activities (if known).

(2) Education and training – The permittee shall assure appropriate education and training measures for construction site operators.

3.2 Program Overview

TxDOT's construction stormwater program has been developed and implemented to reduce the discharge of pollutants into the MS4 from construction sites, and provide enforcement for both small and large construction sites. The program includes:

- Requirements for design, development, and implementation of appropriate control measures to reduce pollutants discharged into the MS4 from construction sites;
- Construction plan review process using Checklists;
- Inspection of construction sites and enforcement of contract and CGP provisions pertaining to construction site stormwater runoff; and,
- Appropriate education and training measures for construction site operators.

3.2.1 Requirements and Control Measures

TxDOT will assess program elements that were described in the previous permits, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from its MS4 to the MEP. New elements and all elements in newly regulated Phase II MS4 areas will be fully implemented by the end of this permit term.

If TCEQ waives requirements for stormwater discharges associated with small construction from a specific site(s), TxDOT is not required to enforce the program to reduce pollutant discharges from such site(s).

3.2.2 SWMP Update

TxDOT will review and update as necessary the SWMP and MCM implementation procedures required by Part III.A.2 of Permit No. WQ0005011000. Any changes will be reflected in the annual reports. Such written procedures will be maintained at the district offices and in the SWMP and made available for inspection by the TCEQ.

3.2.3 Implementation of Erosion and Sediment Control BMPs

TxDOT will ensure that all small and large construction activities discharging to its MS4 have developed and implemented a SWP3 in accordance with the TPDES CGP TXR150000. The MS4 permit meets the requirements in the CGP; therefore, by maintaining compliance with the CGP, the MS4 permit requirements are met. In addition, TxDOT construction projects that require CGP authorization will comply with the permit requirements. TxDOT's policy is to design, implement, and install appropriate practices and BMPs for soil disturbing activity where a potential for stormwater discharges exists, regardless of the type of activity or acreage disturbed. The TxDOT project plans include a Stormwater Pollution Prevention Plan (SWP3) that defines BMPs to control sedimentation and erosion. TxDOT reviews and approves the SWP3 on its construction projects.

TxDOT will ensure that construction sites within its MS4 design, install, implement, and maintain effective BMPs to minimize the discharge of pollutants to the TxDOT MS4. At a minimum, TxDOT's BMPs are designed, installed, implemented and maintained to:

- 1) Minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters;
- 2) Minimize the exposure of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste and other materials present on the site to precipitation and to stormwater; and,
- 3) Minimize the discharge of pollutants from spills and leaks.

The Environmental Permits, Issues, and Commitments (EPIC) sheet provides an overview of environmental requirements contained within the project plans.

Project construction plans are reviewed and approved by TxDOT before the project moves forward in the Advance Planning & Development Department, which also reviews the plans, specification and estimate processes prior to construction.

Stormwater awareness training is required for employees that conduct soil-disturbing activities.

As part of the EMS program, projects that let after January 1, 2016 require both TxDOT and the contractor to submit an NOI for each project that disturbs one or more acres. TxDOT is the primary operator with control over constructions plans and specifications. The contractor is the primary operator with day-to-day operational control. Projects that let prior to January 1, 2016 require that the contractor sign a Contractor Certification of Compliance with Storm Water Requirements form 2458.

At TxDOT's CGP permitted construction sites a Construction Site Notice (CSN) is posted. These notices are posted in a location accessible to the public and contain a phone number for the public to submit information regarding the site. Comments received from the public will be considered by the district engineer or another responsible TxDOT representative.

Some routine maintenance activities completed by TxDOT do not require authorization under the CGP including activities performed to maintain the original line and grade; hydraulic capacity and original purpose of a ditch, channel, or other similar stormwater conveyance; the routine grading of existing dirt roads; and asphalt overlays of existing roads; shoulder blading to restore the shoulder to its original condition; and pavement "reworking" operations if they stay within the limits of the original pavement and do not expose the base or sub-grade. If the sub-grade is exposed or if previously undisturbed land is disturbed (for example, clearing for staging areas or temporary haul roads), coverage under the CGP could be required.

3.2.4 Prohibited Discharges

The following discharges are prohibited:

- 1) Wastewater from washout of concrete and wastewater from water well drilling operations, unless managed by an appropriate control;

- 2) Wastewater from washout and cleanout of stucco, paint, from release oils, and other construction materials;
- 3) Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance;
- 4) Soaps or solvents used in vehicle and equipment washing; and,
- 5) Discharges from dewatering activities, including discharges from dewatering of trenches and excavations, unless managed by appropriate BMPs.

3.2.5 Construction Plan Review Procedures

At the pre-construction meeting, TxDOT will notify the Contractor of their TPDES permitting responsibilities associated with construction activities, as appropriate.

Utility contractors that are working within the ROW must first provide a Utility Installation Request form, and obtain approval prior to commencing those construction activities. The approval form requires the requestor to comply with the Clean Water Act (for example, obtain TPDES general permit TXR150000) to develop BMPs to minimize erosion, and to revegetate the project area. Attachment G contains a Utility Installation Request Form.

TxDOT will implement the CGP in accordance with TxDOT's plans and specifications on all projects. When TxDOT is discharging to another MS4, if the local jurisdiction has a SWMP requirement that vary(s) from TxDOT plans and specifications, TxDOT will make every effort to reach a mutually acceptable solution.

3.2.6 Construction Site Inspections and Enforcement

By statute, TxDOT has the power to control virtually all of the activities occurring within the ROW, but there is little, if any, authority to regulate discharges occurring off the ROW and flowing into state maintained drainage systems. The codification of state law in the rules of the Texas Administrative Code (TAC - Title 43, Part 1, Chapter 21, Subchapter C) gives TxDOT the power to construct, maintain, and operate a drainage system for state highways to accommodate stormwater, which originates within and reaches highway ROWs. TxDOT contracts with others for the construction and sometimes for the maintenance of these systems. As such, contracting is the primary control for enforcement.

TxDOT evaluates the stormwater control measures specified in the SWP3. TxDOT has created a "Stormwater Field Inspector's Guide" to assist TxDOT inspectors with identifying any infrastructure stormwater device deficiencies. The guide provides design criteria for each device, as well as repair procedures and when maintenance should be scheduled. Sediment will be removed from devices and damaged devices repaired as required by the contract and the CGP.

TxDOT implements the EMS for all construction project sites that disturb one acre or more of land. The EMS is TxDOT's commitment to improve environmental compliance performance at road construction sites across the state. As part of this effort, TxDOT has developed a number of tools, training opportunities, management practices and compliance

requirements for all affected TxDOT personnel, consultants, contractors, and other participants in TxDOT's road construction operations. Attachment H contains EMS Stage Gate checklists.

3.2.7 Information Submitted by the Public

TxDOT utilizes public input (for example, the opportunity for public comment or public meetings) in the implementation of the MS4 program through the Transportation Improvement Program (TIP) or Statewide Transportation Improvement Program (STIP). If a public meeting is held, a citizen advisory committee is formed, or a similar public function is established to allow the public an opportunity to participate in transportation development and the associated SWMP implementation. TxDOT will comply with all applicable state and local public notice requirements for the activity.

TxDOT also maintains a stormwater web page for reporting spills and illegal dumping, and can be found at <http://www.txdot.gov/contact-us/form.html?id=swp-email>.

3.2.8 MS4 Staff Training

Prior to initiation of construction, the contractor will meet with the TxDOT Area Engineer (AE) in a pre-construction meeting to discuss stormwater issues for the construction site. TxDOT will ensure contractors are aware of practices and policies identified in this section, as well as emphasize the need for compliance.

Contractor training requirements are described in Special Provision 506-003, Section 506.3.3 for the CRPE, CRPE Alternate, Contractor Superintendent, etc. TxDOT and contractor training requirements are described in the EMS training matrix (see Attachment B).

3.2.9 Additional Requirements for Previous Phase I Permitted Areas

In addition to the requirements described above, TxDOT will meet the following requirements in areas that previously were permitted under a Phase I permit.

- 1) List of sites - TxDOT will maintain a current list of non-TxDOT construction sites that discharge directly to the MS4 and that have been issued an NPDES or a TPDES permit. The list will include the name, location and permit number of the discharges that have been authorized under an NPDES or TPDES stormwater discharges permit for construction activities (if known). The list will be generated from the submission of NOIs received from dischargers.
- 2) Education and training – TxDOT will assure appropriate education and training measures are provided for construction site operators.

3.3 Best Management Practices and Measurable Goals

Utilizing the following BMPs, TxDOT will ensure that all small and large construction activities discharging to its MS4 are in accordance with the TPDES CGP TXR150000.

3.3.1 Requirements and Control Measures

TxDOT will fully implement all applicable new elements and all applicable elements in newly regulated Phase II MS4 areas by the end of the current permit term. All new elements and elements in newly regulated Phase II areas completed will be included in the Annual report in the reporting year accomplished.

3.3.2 SWMP Update

TxDOT will review and update as necessary, the SWMP and MCM implementation procedures required by Part III.A.2 of Permit No. WQ0005011000. Any changes will be reflected in the annual reports. Any updated written procedures to the SWMP will be forwarded to and maintained at the district offices.

3.3.3 Implementation of Erosion and Sediment Control BMPs

All TxDOT construction projects within the ROW, with NOIs or CSNs, comply with the CGP, TxDOT Standard Specification 2014, and EMS. TxDOT ensures MS4 compliance through monitoring, inspections, and enforcement.

As stated previously, for projects let after January 1, 2016 TxDOT is the primary operator with control and responsibility over construction plans and specifications. The TxDOT contractor is the primary operator with operational control over day-to-day activities at the construction site and is responsible for ensuring that the SWP3 and other permit conditions are in compliance. Having both TxDOT and the contractor as primary operator on construction sites supports partnership for environmental compliance. Projects that let prior to January 1, 2016 require that the contractor sign a Contractor Certification of Compliance with Storm Water Requirements (Form 2458).

The DEQC conducts construction joint inspections with the TxDOT inspector and the contractor CRPE. The inspections verify that the contractor has correctly installed and maintained BMPs per the SWP3 site map and per TxDOT specifications. The joint inspection allows the opportunity for the DEQC to provide training and feedback as appropriate. The DEQC uses TxDOT Form 2448 for these inspections.

TxDOT will maintain the quantity of Form 2458, for construction sites let prior to January 1, 2016, and the number of Form 2448 for all other sites, completed during the permit year and include this quantity in the annual report for the applicable reporting year.

3.3.4 Prohibited Discharges

TxDOT will update its list of Prohibited Discharges, as necessary. If changes are made to the list, those changes will be included in the current reporting year annual report.

3.3.5 Construction Plan Review Procedures

Prior to initiation of construction, the contractor will meet with TxDOT representatives in a preconstruction conference to discuss stormwater issues for the construction site. TxDOT will ensure contractors are aware of practices and policies identified in this section, as well as emphasize the need for compliance. TxDOT will also

notify the site operator of its TPDES permitting responsibilities associated with construction activities, as appropriate. A pre-conference form is used to document the meeting. An example of this form is included in Attachment I.

TxDOT conducts a preconstruction meeting with the contractor prior to commencement of construction activities that includes an environmental agenda of the project environmental requirements. Reviewing the environmental requirements for the project in the preconstruction meeting ensures understanding by all responsible parties. In addition, the contractor assigns their contractor responsible person environmental (CRPE) who is responsible for ensuring the contractor training is complete, performing daily monitoring of BMPs, and participating in joint District Environmental Quality Coordinator (DEQC) inspections with the TxDOT DEQC.

TxDOT will track the number of pre-conference forms obtained during the permit year and include this number in the annual report.

3.3.6 Construction Site Inspections and Enforcement

TxDOT construction projects that disturb one or more acres of land will comply with the CGP, TxDOT Standard Specification 2014, and TxDOT EMS policy. The DEQC performs inspections of the construction project sites to verify compliance and takes enforcement action as necessary to ensure compliance.

The CRPE monitors the construction site BMPs daily and if necessary takes action to ensure compliance with the CGP, TxDOT Standard Specification 2014, EMS and other environmental requirements.

The TxDOT inspector performs SWP3 inspections (TxDOT Form 2118) on project sites every 7 days, or once every 14 days and within 24 hours after 0.5 inches or more of rainfall. Each District decides which of these two intervals is most appropriate for their District. TxDOT works with the contractor on necessary corrective action, maintenance, or need for additional controls as a result of the inspection. The enforcement and escalation procedures are provided in the instructions on the Form, and through TxDOT training on the completion of the Form.

The DEQC conducts joint Construction Stage Gate Checklist (CSGC) inspections with the CRPE and TxDOT inspector that occur at minimum within one month of beginning initial construction activities and annually, or if the project is less than one year when 50% of work has been completed. The DEQC conducts annual inspections of construction projects using the CSGC Forms 2448 and 2458 to verify BMPs have been correctly installed and maintained. The annual DEQC inspection may be used in place of the joint CSGC inspection if both the CRPE and TxDOT inspector are present and involved during inspection. Frequency for completing additional CSGC inspections by TxDOT and the contractor CRPE is determined at the preconstruction meeting.

TxDOT will obtain the number of CSGC Forms 2448 and 2458 obtained during the permit year and include this number in the annual report.

3.3.7 Information Submitted by the Public

TxDOT will report the number of construction complaint calls and complaint forms received during the reporting year in the annual report.

3.3.8 MS4 Staff Training

TxDOT staff and contractor training requirements are described in Special Provision 506-003, Section 506.3.3 for the CRPE, CRPE Alternate, Contractor Superintendent, etc., TxDOT and contractor training requirements are described in the EMS training matrix in Attachment B.

TxDOT will provide the number of TxDOT staff and contractors that participated in Special Provision 506-003, Section 506.3.3 for the CRPE, CRPE Alternate, Contractor Superintendent, etc, and EMS training modules during the reporting year in the annual report.

3.3.9 Additional Requirements for Previous Phase I Permitted Areas

TxDOT will maintain a list of current non-TxDOT construction sites active during the permit year and reported to TxDOT, including the name, location and permit number of the discharges that have been authorized under an NPDES or TPDES stormwater discharge permit for construction activities. TxDOT will only report those received from dischargers. TxDOT will include this list in the annual report.

Education and training of construction site operators will be included with Section 3.3.8 and not reported as a separate number, as that list will already include the number receiving education and training.

3.4 BMP Implementation Schedule, Activity, and Measurable Goals

Table 3.1

CONSTRUCTION SITE STORMWATER RUNOFF CONTROL				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
Annually/Aug	3.3.1-Program Development	Fully implement all applicable new elements and all applicable elements in newly regulated Phase II MS4 areas by the end of the current permit term.	All new elements and elements in newly regulated Phase II areas completed will be included in the annual report.	ENV District
Annually/Aug	3.3.2-SWMP Update	Review and update as necessary, the SWMP and MCM implementation procedures.	Any changes will be reflected in the annual report.	ENV
Annually/Aug	3.3.3-Erosion and Sediment Control	All TxDOT construction projects within the ROW, with NOIs or CSNs, comply with the CGP, TxDOT Standard Specification 2014, and EMS.	Report the number of Form 2458 for construction sites let prior to January 1, 2016, and the number of Forms 2448 for all other sites, obtained during the permit year.	District ENV
Annually/Aug	3.3.4-Prohibited Discharges	Update the list of Prohibited Discharges, as necessary.	If changes are made to the list, those changes will be included in the current reporting year annual report.	ENV
Annually/Aug	3.3.5-Construction Plan Review Procedures	Notify the site operator of its TPDES permitting responsibilities associated with construction activity, as appropriate.	Report the number of pre- conference forms obtained <u>construction meetings completed</u> during the permit year.	District ENV
Annually/Aug	3.3.6-Construction Site Inspections and Enforcement	Performs inspections of the construction project sites to verify compliance and takes enforcement action as necessary to ensure compliance.	Report the number of F forms 2448 and 2458 obtained during the permit year.	District ENV
Annually/Aug	3.3.7-Information s Submitted by the Public	Receive, as available, construction calls and complaint forms.	Report the number construction calls and complaint forms received during the reporting year.	District ENV

CONSTRUCTION SITE STORMWATER RUNOFF CONTROL				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
Annually/Aug	3.3.8-MS4 Staff Training	Provide contractor training as described in Special Provision 506-003, Section 506.3.3.	Report the number of <u>TxDOT staff and</u> contractors that participated in Special Provision 506-003, Section 506.3.3 for the CRPE, CRPE Alternate, Contractor Superintendent, etc, and EMS training modules during the reporting year.	District ENV
THE FOLLOWING BMPs WILL BE PERFORMED ONLY IN PREVIOUSLY PERMITTED PHASE I AREAS				
Annually/Aug	3.3.9.a- List of Sites	Maintain a current list of <u>non-TxDOT</u> construction sites active during the permit year, including the name, location, and permit number of the discharges that have been authorized under an NPDES or TPDES stormwater discharge permit.	Include the list in the annual report.	District ENV
Annually/Aug	3.3.9.b- Education and Training	Assure appropriate education and training measures is provided for construction site operators.	Education and training of construction site operators will be included with Section 3.3.8 and not reported as a separate number, as that list will already include the number receiving education and training.	District ENV

4.0 MCM 4 - POST-CONSTRUCTION STORMWATER MANAGEMENT IN AREAS OF NEW DEVELOPMENT AND REDEVELOPMENT

4.1 Permit Requirements

(a) *The permittee shall continue to develop, implement and enforce a program, to the extent allowable under state, federal, and local law, to control stormwater discharges from new development and redeveloped sites that disturb one acre or more, including projects that disturb less than one acre that are part of a larger common plan of development or sale that discharge into the MS4. The program must be established for private (if any) and public development sites. The program may utilize an offsite mitigation and payment in lieu of components to address this requirement.*

The permittee shall assess program elements that were described in the previous permit, modify as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements and all elements in newly regulated areas must be fully implemented by the end of the permit term.

(b) *The permittee shall use, to the extent allowable under state, federal, and local law and local development standards, an ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects. The permittee shall establish, implement, and enforce a requirement for its contractors and its own departments that develop and redevelop sites to design, install, implement, and maintain a combination of structural and non-structural BMPs appropriate for the community and that protects water quality. If the construction of permanent structures is not feasible due to space limitations, health and safety concerns, cost effectiveness, or highway construction codes, the permittee may propose an alternative approach to TCEQ. Newly regulated areas must have the program element fully implemented by the end of the permit term.*

(c) *The permittee shall review and update as necessary, the statewide SWMP and MCM implementation procedures required by Part III.A.2. Any changes must be reflected in the statewide annual reports. Such written procedures must be maintained at the permittee's district office and in the SWMP and made available for inspection by TCEQ.*

(d) *The permittee shall document and maintain records of enforcement actions and make them available for review by the TCEQ.*

(e) *The permittee shall, to the extent allowable under state, federal, and local law, continue to ensure the long-term operation and maintenance of structural stormwater control measures owned and operated by the permittee.*

4.2 Program Overview

TxDOT will continue to develop, implement and enforce a program, to the extent allowable under state, federal, and local law, to control stormwater discharges from new development and redeveloped sites that disturb one acre or more, including projects that disturb less than one acre that are part of a larger common plan of development or sale. The program has been established for public development sites within the TxDOT ROW.

TxDOT Storm Water Planning and Design Guidelines for New Development and Significant Redevelopment, June 2010, are utilized by environmental, planning and design staff. This guideline includes a description of permanent structural and non-structural control measures to reduce pollutants from roadway runoff, and how the controls will be developed and incorporated into the planning process. The goals of such controls for minimizing water quality impact include:

- New development - limiting increases in erosion and the discharge of pollutants in stormwater as a result of development; and,
- Redevelopment – reducing erosion and the discharge of pollutants in stormwater.

TxDOT has a well-defined planning process in place for the development of transportation projects. The transportation planning process incorporates water quality and stormwater management in the early decision-making phases on a project. Stormwater issues are one of the many taken into consideration during the identification of potential alternatives available to meet a project's needs. Later in the transportation planning process, TxDOT follows the environmental review process outlined by the National Environmental Policy Act of 1969 (NEPA) and Federal Highway Administration rules (23 CFR 771) or the state equivalent rule (43 TAC Part 1 Chapter 2).

TxDOT's environmental review process follows strict requirements for public involvement, impact assessment, and agency coordination. The environmental assessment (EA) process includes the assessment, discussion, and evaluation of water quality, existing conditions, its potential impacts, and applicable mitigation measures. TxDOT is required to coordinate with TCEQ as outlined in the TxDOT/TCEQ MOU (see Attachment A).

For typical highway construction projects, TxDOT's post-construction plan design efforts primarily address stormwater volume reduction/control, velocity dissipation, pollutant reduction, and erosion control practices. Specifically, the use of vegetated ROW enables infiltration and evapotranspiration of stormwater runoff from the TxDOT roadways based on moderate retention and velocity dissipation. The velocity of stormwater discharge is reduced, thus limiting erosion and stream channel degradation and pollutant discharge. TxDOT ROW and new ROW with earthen surfaces are vegetated or re-vegetated according to the specifications included in TxDOT's Roadside Vegetation Management Manual.

In addition to the Stormwater Management Guidelines for Construction Activities, TxDOT's Bridge Division's Hydraulic Manual establishes general procedures for development of highway drainage facilities. It includes a survey of existing characteristics, estimates of future characteristics, engineering design criteria, discharge estimates, structure

requirements, and constraints for the hydraulic design or analysis of highway drainage and receiving facilities. The manual also discusses in some detail stormwater management, erosion control, pollution prevention plans, and issues related to managing the quantity and quality of runoff.

Post-Construction BMP strategies that TxDOT may employ are as follows:

Structural Controls:

- Retention/irrigation ponds
- Extended detention (wet/dry basins)
- Vegetative filter strips
- Vegetated swales
- Constructed wetlands
- Sedimentation ponds/traps
- Infiltration ponds
- Catch basins
- Grated inlets
- Outfall velocity dissipation controls

Non-Structural Controls:

- Street sweeping
- Litter collection
- "No Mow" areas
- Inlet stenciling/Stormwater Inlet Markers

Identification and Selection of Structural Controls

The hydraulics and necessary structural controls for stormwater runoff are identified by TxDOT during the design phase for construction or redevelopment projects located within the regulated area. TxDOT maintains a number of manuals and guidance documents that are relied upon both during the design phase of these projects and during the maintenance activities that follow completion of the projects.

TxDOT will maintain copies of the most recent guidance manuals in locations readily accessible to staff and contractors. TxDOT will continue to use the following manuals and documents. TxDOT will follow long-term operation and maintenance of structural controls protocol in the following manuals.

Roadside Vegetation Management Manual

This guidance document was prepared by the Vegetation Management Section of the Maintenance Division to support TxDOT. This document provides a comprehensive discussion on the establishment and maintenance of vegetative cover.

<http://onlinemanuals.txdot.gov/txdotmanuals/veg/index.htm>

Evaluation and Management of Highway Runoff Water Quality

The manual was prepared by the Federal Highways Administration (FHWA) and is used by TxDOT highway designers and environmental professionals to identify the appropriate impact prediction and mitigation tools available for use during highway project planning and development activities. The manual has five major sections: Introduction, Coordination with Environmental Agencies and the Public, Highway Runoff Water Quality, Water Quality Impact Assessment, and Best Management Practices.

<ftp://ftp.odot.state.or.us/techserv/Geo-Environmental/Environmental/Procedural%20Manuals/Water%20Quality/References/Evaluation%20and%20Management%20of%20Highway%20Runoff%20Water%20Quality.pdf>

The Hydraulic Design Manual

The manual was prepared by TxDOT's Design Division to establish general procedures for development of highway drainage facilities. It includes a survey of existing characteristics, estimates of future characteristics, engineering design criteria, discharge estimates, structure requirements, and constraints for the hydraulic design or analysis of highway drainage and receiving facilities. The manual also discusses in some detail stormwater management, erosion control, pollution prevention plans, and issues related to managing quantity and quality of runoff.

<http://onlinemanuals.txdot.gov/txdotmanuals/hyd/index.htm>

4.2.1 Program Development

TxDOT will assess program elements that were described in the previous permits, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from its MS4 to the MEP. New elements and all elements in newly regulated Phase II MS4 areas will be fully implemented by the end of this permit term.

4.2.2 Ordinances and Other Regulatory Mechanisms

TxDOT does not have the legal authority to enforce state environmental laws against third parties. TxDOT must rely completely on the TCEQ or the local municipal government for law enforcement.

TxDOT has established, implements, and enforces a requirement for its contractors, by contract, and its own departments that develop and redevelop sites to design, install, implement, and maintain a combination of structural and non-structural BMPs appropriate for the community and that protects water quality. If the construction of permanent

structures is not feasible due to space limitations, health and safety concerns, cost effectiveness, or highway construction codes, TxDOT may utilize an alternative approach. Newly regulated areas will have the program element fully implemented by the end of the permit term.

4.2.3 SWMP Update

TxDOT will review and update, as necessary, the SWMP and MCM implementation procedures required by Part III.A.2 of Permit No. WQ0005011000. Any changes will be reflected in the annual reports. Such written procedures will be maintained at the district offices and in the SWMP and made available for inspection by the TCEQ.

4.2.4 Documentation and Records

TxDOT will document and maintain records of enforcement actions and make them available for review by the TCEQ.

4.2.5 Long-term Operation and Maintenance

TxDOT will, to the extent allowable under state, federal, and local law, continue to ensure the long-term operation and maintenance of structural stormwater control measures owned and operated by TxDOT.

4.3 Best Management Practices and Measurable Goals

Permit No. WQ0005011000 requires that TxDOT maintain stormwater control measures appropriate for its MS4. In addition, TxDOT will maintain all long term post-construction stormwater control measures. TxDOT controls will not be located on private property and TxDOT will solely maintain the responsibility and accountability for the operation and maintenance of any controls utilized.

Structural controls may include practices such as permeable pavement and vegetated swales; which are considered to be LID practices, or GI BMPs. TxDOT is required to inspect, where applicable, post-construction controls to ensure that control measures are operating correctly and are being maintained.

For the purpose of Permit No. WQ0005011000, "redevelopment" does not include routine maintenance activities and linear utility installation. Examples of linear utility installation are construction activities that maintain the original line, grade, and hydraulic capacity of the surrounding areas, such as the installation of underground gas lines, fiber-optic cable, cable TV, electric, telephone, sewer mains and water mains. Routine maintenance activities are construction activities that are performed to maintain the original line and grade, hydraulic capacity, or original purpose of a facility, including but not limited to: (1) Re-grading of gravel roads or parking lots; (2) stream bank restoration projects (does not include the placement of spoil material); (3) Cleaning and shaping of existing roadside ditches and culverts that maintains the approximate original line and grade, and hydraulic capacity of the ditch; (4) Placement of aggregate shoulder backing that makes the transition between the road shoulder and the ditch or embankment; (5) Full depth milling and filling of existing asphalt pavements, replacement of concrete pavement slabs, and

similar work that does not expose soil or disturb the bottom six inches of sub-base material; (6) Long-term use of equipment storage areas at or near highway maintenance facilities; (7) Removal of sediment from the edge of the highway to restore a previously existing sheet-flow drainage connection from the highway surface to the highway ditch or embankment; and (8) Replacement of curbs, gutters, sidewalk and guide rail posts.

4.3.1 Program Development

TxDOT will fully implement all applicable new elements and all applicable elements in newly regulated Phase II MS4 areas by the end of the current permit term. All new elements and elements in newly regulated Phase II areas completed will be included in the Annual report in the reporting year accomplished.

4.3.2 Ordinances and Other Regulatory Mechanisms

TxDOT lacks authority to prohibit or to control post-construction discharges of stormwater from areas of new development and redevelopment located outside of the ROW. New development and redevelopment projects within the ROW are under TxDOT control and are regulated through contract agreement during construction. TxDOT policy requires all new development and re-development projects, including highway construction subject to the TCEQ Stormwater CGP, to include permanent controls appropriate for the project and for local water bodies. Permanent controls may be structural or non-structural in nature. Because highway projects are linear in nature and ROW is often limited, non-structural controls are frequently necessary and are considered adequate if the construction of permanent structures is not feasible due to space limitations, health and safety concerns, cost effectiveness, or highway construction codes.

TxDOT will include in its current year annual report any changes to its regulatory mechanism.

4.3.3 SWMP Update

TxDOT will review and update, as necessary, the SWMP and MCM implementation procedures required by Part III.A.2 of Permit No. WQ0005011000. Any changes will be reflected in the annual reports if updates are made. Any updated written procedures to the SWMP will be forwarded to and maintained at the district offices.

4.3.4 Documentation and Records

TxDOT will retain all associated records for at least three years after coverage under this permit terminates and make them available for TCEQ review.

4.3.5 Long-term Operation and Maintenance

TxDOT personnel or TxDOT approved consultants will routinely drive the regulated area to inspect and routinely maintain permanent control measures and ensure adequate long-term operation of BMPs. Maintenance of permanent controls includes mowing, repair of erosion features, pond sediment removal, etc. TxDOT currently has design standards that ensure compliance for structural and non-structural runoff controls.

TxDOT will include in its annual report to TCEQ the amount of maintenance activities performed on post construction controls. ~~The report will include the cost for maintenance, and the type of post construction control maintained.~~

4.4 BMP Implementation Schedule, Activity, and Measurable Goals

Table 4.1

POST-CONSTRUCTION STORMWATER MANAGEMENT IN AREAS OF NEW DEVELOPMENT AND REDEVELOPMENT				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
Annually/Aug	4.3.1-Program Development	Fully implement all applicable new elements and all applicable elements in newly regulated Phase II MS4 areas by the end of the current permit term.	All new elements and elements in newly regulated Phase II areas completed will be included in the Annual report.	ENV District
Annually/Aug	4.3.2-Ordinances and Other Regulatory Mechanisms	Regulate incidents and MS4 water quality issues related to areas of new development and redevelopment that cause erosion or similar water quality issues.	Report any changes to current regulatory mechanism, if made.	District ENV
Annually/Aug	4.3.3-SWMP Update	Review and update as necessary, the SWMP and MCM implementation procedures.	Any changes will be reflected in the annual reports.	ENV
Annually/Aug	4.3.4-Documentation and Records	Retain all associated records for at least three years after coverage under this permit terminates.	Make records available for review by the TCEQ.	District ENV
Annually/Aug	4.3.5-Long-term Operation and Maintenance	Inspect and routinely maintain permanent control measures and ensure adequate long-term operation of BMPs.	Include the amount of maintenance activities performed on post construction controls in the annual report, this will include costs for maintenance, and the type of post construction control maintained.	District ENV

5.0 MCM 5 - POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR TRANSPORTATION OPERATIONS

5.1 Permit Requirements

(a) Program development

The permittee shall continue to develop and implement an operation and maintenance program, including an employee training component that has the ultimate goal of preventing or reducing pollutant runoff from roadway activities and areas owned by the permittee including, but not limited to, ROW maintenance; street, road, or highway maintenance; fleet and building maintenance; stormwater system maintenance; new construction and land disturbances; vehicle and equipment maintenance and storage yards; and salt/sand storage locations.

The permittee shall assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharges of pollutants from the MS4 to the MEP. New elements and all elements in newly regulated Phase II MS4 areas must be fully implemented by the end of this permit term. See also Part III.A.1.(g).

(b) Permittee-owned Facilities and Control Inventory

The permittee shall develop and maintain an inventory of facilities and stormwater controls that it owns and operates within the regulated areas of the MS4. If feasible, the inventory may include all applicable permit numbers, registration numbers, and authorizations for each facility or controls. The inventory must be available for review by TCEQ and must include, but not limited to, the following, as applicable:

- (1) Equipment storage and maintenance facilities;*
- (2) Fuel storage facilities;*
- (3) Materials storage facilities;*
- (4) Pesticide storage facilities;*
- (5) Buildings, including office buildings;*
- (6) Parking lots;*
- (7) Salt storage facilities;*
- (8) Street repair and maintenance sites;*
- (9) Vehicle storage and maintenance yards;*
- (10) Rest areas; and*
- (11) Structural stormwater controls.*

(c) *Training and Education*

The permittee shall continue to inform or train appropriate employees involved in implementing pollution prevention and good housekeeping practices. The permittee shall maintain a training attendance list for inspection by TCEQ when requested.

(d) *Disposal of Waste Material*

Waste materials removed from the MS4s must be disposed of in accordance with 30 TAC Chapters 330 or 335, as applicable.

(e) *Contractor Requirements and Oversight*

(1) *Any contractors hired by the permittee to perform maintenance activities on permittee-owned facilities must be contractually required to comply with all of the stormwater control measures, good housekeeping practices, and facility-specific stormwater management operating procedures described in Parts III B.5.*

(2) *The permittee shall provide oversight of contractor activities to ensure that contractors are using appropriate control measures and SOPs. Oversight procedures must be developed before the end of the permit term and maintained at the permittee's district office or at the headquarters and made available for inspection by TCEQ.*

(f) *Roadway Operation and Maintenance Activities*

(1) *Assessment of permittee-owned operations*

The permittee shall evaluate operation and maintenance (O&M) activities for their potential to discharge pollutants in stormwater, including, but not limited to:

- a. Road and parking lot maintenance may include such areas as pothole repair, pavement marking, sealing, and re-paving;*
- b. Bridge maintenance may include such areas as re-chipping, grinding, and saw cutting;*
- c. Cold weather operations, including plowing, sanding, and application of deicing and anti-icing compounds and maintenance of snow disposal areas; and*
- d. ROW maintenance, including mowing, herbicide and pesticide application, and planting vegetation.*

(2) *The permittee shall identify POCs that could be discharged from the above O&M activities (for example: metals; chlorides; hydrocarbons such as benzene, toluene, ethyl benzene, and xylenes; sediment; and trash).*

(3) *The permittee shall develop and implement a set of pollution prevention measures that will reduce the discharge of pollutants in stormwater from the above activities.*

These pollution prevention measures may include the following examples:

- a. Replacing materials and chemicals with more environmentally benign materials or methods;*

- b. Changing operations to minimize the exposure or mobilization of pollutants to prevent them from entering surface waters; and*
 - c. Placing barriers around or conducting runoff away from deicing chemical storage areas to prevent discharge into surface waters.*
- (4) Inspection of pollution prevention measures - All pollution prevention measures implemented at permittee-owned facilities must be visually inspected at a frequency determined by the permittee to ensure they are working properly. A log of inspections must be maintained at the permittee's district office and made available for review by the TCEQ upon request.*

(g) Structural Control Maintenance

If BMPs include structural controls, maintenance of the controls must be performed at a frequency determined by the permittee and consistent with maintaining the effectiveness of the BMP.

(h) Additional Requirements for Previous Phase I Permitted Areas

In addition to all the requirements described above, the permittee shall meet the following requirements in areas that were previously permitted under a Phase I permit.

Pesticide, Herbicide, and Fertilizer Application and Management

- a. Landscape maintenance – The permittee shall evaluate the materials used and activities performed on public spaces owned and operated by the permittee such as rest areas, easements, public ROWs, and other open spaces for pollution prevention opportunities. Maintenance activities for the turf landscaped portions of these areas may include mowing, fertilization, pesticide application, and irrigation. Typical pollutants include sediment, nutrients, hydrocarbons, pesticides, herbicides, and organic debris.*
- b. The permittee shall implement the following practices to minimize landscaping-related pollutant generation with regard to public spaces owned and operated by the permittee:
 - (i) Educational activities, permits, certifications, and other measures for the permittee's applicators and distributors.*
 - (ii) Pest management measures that encourage non-chemical solutions where feasible. Examples include:
 - (a) Use of native plants or xeriscaping;*
 - (b) Keeping clippings and leaves out of the MS4 and the streets by encouraging mulching, composting, or landfilling;*
 - (c) Limiting application of pesticides and fertilizers if precipitation is forecasted within 24 hours, or as specified in label instructions; and*
 - (d) Reducing mowing of grass to allow for greater pollutant removal, but not jeopardizing motorist safety.***

- c. *The permittee shall develop schedules for chemical application in public spaces owned and operated by the permittee that minimizes the discharge of pollutants from the application due to irrigation and expected precipitation.*
- d. *The permittee shall ensure collection and proper disposal of the permittee's unused pesticides, herbicides, and fertilizers.*

5.2 Program Overview

5.2.1 Program Development

TxDOT will assess program elements that were described in the previous permits, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from its MS4 to the MEP. New elements and all elements in newly regulated Phase II MS4 areas will be fully implemented by the end of this permit term.

5.2.2 TxDOT-Owned Facilities and Control Inventory

TxDOT does not own or operate facilities subject to the TCEQ Industrial Stormwater Multi-Sector General Permit (MSGP). There are no TxDOT activities that are subject to the TCEQ MSGP. Within the permitted boundary, **TxDOT does not operate or maintain the following types of operations:** park and open space; waste transfer stations; composting facilities; hazardous waste disposal facilities; hazardous waste handling and transfer facilities; incinerators; landfills; schools, libraries, police stations, fire stations, and office buildings; parking lots; golf courses; swimming pools; recycling facilities; or solid waste handling and transfer facilities. TxDOT will develop and maintain a list of TxDOT owned non-roadway facilities within the regulated area. These facilities may include:

- 1) Equipment storage and maintenance facilities;
- 2) Fuel storage facilities;
- 3) Materials storage facilities;
- 4) Pesticide storage facilities;
- 5) Buildings, including office buildings;
- 6) Parking lots;
- 7) Salt storage facilities;
- 8) Street repair and maintenance sites;
- 9) Vehicle storage and maintenance yards;
- 10) Rest areas; and
- 11) Structural stormwater controls.

5.2.3 Training and Education

TxDOT does not have MS4-specific field staff. Field staff consist of multi-disciplinary personnel assigned by the district engineer, and responsibilities range from maintenance to engineering. Staff perform several tasks (for example, construction inspection, emergency response, and environmental processes) during normal job responsibilities.

Personnel who perform MS4 operations are provided with training that contains information on identifying illicit discharge, preventing, and reducing potential stormwater pollution from the TxDOT MS4. Attachment B lists all applicable training classes; the list presented in Attachment B may change due to updates, new training module development, and/or removal of outdated materials.

5.2.4 Disposal of Waste Material

Waste materials removed from the TxDOT regulated area will be disposed of in accordance with 30 TAC Chapters 330 or 335, as applicable.

The frequency of finding unknown substances on the highway varies. The characterization of unknowns usually results in costly testing to first classify the material. A waste can be classified as hazardous by the EPA because it is listed, it exhibits hazardous characteristics, or it is a mixture of wastes that contains a listed waste or a characteristic waste. The wastes may be saturating soils or within sediment encountered during a maintenance activity. There is a potential for the problem to become magnified when dealing with unlabeled waste drums improperly stored or appearing on the ROW. When waste is found on the ROW from an unknown source and/or is unidentified, the available options are usually limited to analytical testing before disposal.

TxDOT ensures all hazardous waste, used motor vehicle fluids, and other waste used by TxDOT employees are disposed of in accordance with applicable regulations and are not exposed to stormwater runoff.

In addition, TxDOT has a recycling program that is in effect as part of its overall waste reduction effort. Since there are no residents in the TxDOT MS4 or ROW, TxDOT does not operate a household collection program. However, TxDOT does support, publicize, and promote related programs to its employees and when contacted by the public. TxDOT will provide them with the best available information on a service in their community and/or area. As a BMP, TxDOT has outsourced a large percentage of general auto repairs, including oil changes.

Dredge spoils, accumulated sediment, and floatables removed from the MS4 will be stockpiled or disposed of in a local landfill or upland locations as necessary.

5.2.5 Contractor Requirements and Oversight

The primary use of the ROW is to accommodate the state highway system. However, other utilities are allowed to use the ROW under certain circumstances. TxDOT's utility policy applies to underground, surface, or overhead facilities. These are private lines as well as public, including power transmission, telephone, telegraph, television cable, water, gas,

oil, petroleum products, chemicals, steam, sanitary sewer and similar lines. TxDOT utilizes a utility permit process with intent to regulate the location, design and methods for installation and adjustment of utility lines on state-controlled highways.

5.2.6 Roadway Operation and Maintenance Activities

The Pollution Prevention/Good Housekeeping MCM consists of BMPs that focus on training and the prevention or reduction of pollutants in runoff from transportation operations that occur within the TxDOT regulated area.

TxDOT has existing good housekeeping measures and non-structural BMPs that reduce the discharge of pollutants from the following transportation operations.

- Street, road, or highway maintenance;
- Fleet and building maintenance;
- Stormwater system maintenance;
- New construction and land disturbances;
- Vehicle and equipment maintenance and storage yards; and,
- Salt/sand storage locations.

5.2.7 Structural Control Maintenance

Due to the linear nature of TxDOT's MS4 (for example, highway alignments), TxDOT roadways primarily use vegetative controls that ensure water quality. The most common structural controls used by TxDOT are vegetative controls/filters as follows:

- Grassed channels, waterways, ditches, or swales designed to inhibit erosion and enhance the settling of suspended solids; and.
- Overland flow through a filter strip where such strips consist of grass or forested vegetation designed to filter pollutants from sheet flow runoff and increase filtration.

TxDOT structural control measures may also include the following:

- Retention/irrigation ponds;
- Extended detention basin (wet/dry basins);
- Constructed wetlands;
- Sand filters;
- Sedimentation ponds/traps;
- Infiltration ponds;
- Catch basins;
- Grated inlets; and,
- Outfall velocity dissipation controls.

Additionally, new specification of materials used to construct roadways such as permeable friction courses (PFC) also serve as a filter for runoff, as stormwater flows through PFC. A PFC was originally designed to reduce visibility impairment on windshields due to stormwater vehicular spray. This technology is a key example of TxDOT identifying a structural control that not only improves water quality, but also has a dual use of improving public safety.

TxDOT designs stormwater structural controls in a manner to reduce the discharge of pollutants to the MEP. TxDOT utilizes the following manuals, design specifications, and maintenance guidance:

- TxDOT's manual entitled "*Stormwater Management Guidelines for Construction Activities*" provides guidelines to prevent potential erosion and pollutants from projects from flowing into WUS. The manual also provides guidelines for each structural control device, including height, width, depth, and drainage area design requirements;
- TxDOT maintains stringent design specifications, ensuring structural goals meet water quality requirements;
- Structural control measures can be used alone or in combination to address site-specific highway runoff pollution problems. Section 5.2 of the Stormwater Management Guidelines for Construction Activities, found at <https://ftp.dot.state.tx.us/pub/txdot-info/env/storm/5.0sedimentationcontrol.pdf> describes additional structural control measures as well as the appropriate usage and typical design efforts; and,
- The effectiveness of controls is a function of variables related to site conditions, highway design, surrounding water quality, and other stormwater considerations.

5.2.8 Additional Requirements for Previous Phase I Permitted Areas

In addition to all of the requirements described above, TxDOT will meet the following requirements in areas that were previously permitted under a Phase I permit.

Pesticide, Herbicide, and Fertilizer Application and Management

- a) Landscape maintenance – TxDOT will evaluate the materials used and activities performed on public spaces owned and operated by TxDOT such as rest areas, easements, public ROWs, and other open spaces for pollution prevention opportunities. Maintenance activities for the turf landscaped portions of these areas may include mowing, fertilization, pesticide application, and irrigation. Typical pollutants include sediment, nutrients, hydrocarbons, pesticides, herbicides, and organic debris.
- b) TxDOT will implement the following practices to minimize landscaping-related pollutant generation with regard to public spaces owned and operated by TxDOT:

- 1) Educational activities, permits, certifications, and other measures for the permittee's applicators and distributors.
- 2) Pest management measures that encourage non-chemical solutions where feasible. Examples include:
 - (a) Use of native plants or xeriscaping;
 - (b) Keeping clippings and leaves out of the MS4 and the streets by encouraging mulching, composting, or landfilling;
 - (c) Limiting application of pesticides and fertilizers if precipitation is forecasted within 24 hours, or as specified in label instructions; and,
 - (d) Reducing mowing of grass to allow for greater pollutant removal, but not jeopardizing motorist safety.
- c) TxDOT will develop schedules for chemical application in public spaces owned and operated by the permittee that minimizes the discharge of pollutants from the application due to irrigation and expected precipitation.
- d) TxDOT will ensure collection and proper disposal of the permittee's unused pesticides, herbicides, and fertilizers.

5.3 Best Management Practices and Measurable Goals

5.3.1 Program Development

TxDOT will fully implement all applicable new elements and all applicable elements in newly regulated Phase II MS4 areas by the end of the current permit term. All new elements and elements in newly regulated Phase II areas completed will be included in the Annual report in the reporting year accomplished.

5.3.2 TxDOT-Owned Facilities and Control Inventory

TxDOT will ensure inspections of good housekeeping and related BMPs are completed once per permit term at facilities within or immediately adjacent to the regulated area by implementing the following BMPs:

- 1) TxDOT will complete the "*Facility Environmental Compliance Survey*" at least once during the permit term for each facility within or adjacent to the ROW within the MS4. A TxDOT team will inspect TxDOT maintenance facility operations in the following program areas at each TxDOT maintenance facility: stormwater, solid waste management, hazardous waste management, used oil and oil filter management, used antifreeze management, used lead acid battery management, scrap tire management, general housekeeping, equipment washing wastewater management, spill prevention control and countermeasure (SPCC) planning, and petroleum storage tank management. Attachment J contains the TxDOT Facility Environmental Compliance Survey.

TxDOT will include the number of inspections completed during the permit year in the annual report.

- 2) TxDOT personnel or TxDOT approved consultants will inspect and maintain permanent structural control measures and ensure adequate long-term operation of BMPs. Maintenance of permanent structural controls includes repair of erosion features, removal of sediment and debris, etc. TxDOT currently has design standards that ensure compliance for structural and non-structural runoff controls. TxDOT will update its inventory and assess the status of the structural controls as determined by TxDOT.

TxDOT will include the number of inspections completed during the permit year in the annual report.

- 3) TxDOT ENV will map/locate permanent structural controls, such as detention/irrigation ponds, hazardous waste traps, sand filter traps, infiltration ponds, or catch basins. TxDOT will perform the mapping of 5 districts per year or will perform the mapping of the entire MS4 within the 5-year permit term.

A map will be included in the annual reports.

- 4) TxDOT's procedure for disposal of dredged spoil and accumulated sediment from structural controls is to dispose of sediment into either upland locations or landfills. This procedure will not result in re-deposition of sediment into the system, and assures proper disposal of sediments in accordance with 30 TAC Chapter 330 or 335 rules. Floatables that are collected will be disposed of in a municipal landfill.

TxDOT will report the number of structural controls receiving maintenance each year in the annual report.

5.3.3 Training and Education

TxDOT employees who perform work that could affect stormwater within the MS4 attend at least one of the training classes listed in Attachment B per permit term.

TxDOT requires all in-house personnel handling and applying herbicides, pesticides, and fertilizers take a 12-hour training course and become licensed ground applicators. Licensing is achieved by passing an examination administered by the Texas Department of Agriculture. An annual eight-hour refresher course is required for licensed applicators.

Training programs familiarize TxDOT employees about office waste recycling. TxDOT continues to educate affected personnel concerning recycling of waste oil, batteries and tires; disposal of hazardous materials and solvents; and proper removal of asbestos and lead-based paint. Since 1995, TxDOT has been a member of the Recycling Development Marketing Board, and TxDOT has developed a Recycling and Recycled Products Program geared toward road construction and maintenance, offices, equipment fleet, buildings, break areas, and cafeterias. Training classes are listed in Attachment B.

TxDOT will report the number of employees and contractors that received training during the permit year in the annual report.

5.3.4 Disposal of Waste Material

TxDOT manages the removal of waste products threatening water quality on the ROW by:

- Checking the EPA list of hazardous chemical names if known. EPA also provides a list of sources that generate hazardous waste and should be checked;
- Understanding the process of identification and disposal;
- Testing the waste for hazardous characteristics; and,
- By removing the subject material from the ROW as quickly as possible to avoid potential migration and further contamination.

The discharge or disposal of used motor vehicle fluids and household hazardous wastes, and the intentional disposal of collected quantities of grass clippings, leaf litter, and animal wastes into the MS4 is prohibited.

TxDOT will report the cost, and volume if available, of waste material disposed of each year in the annual report.

5.3.5 Contractor Requirements and Oversight

Under existing laws, various utility firms and agencies have a legal right to install their lines along and across state highways. TxDOT will assure that its policies governing the design, location, and methods of installation are set out in the Maintenance Operations Manual (found at <http://onlinemanuals.txdot.gov/txdotmanuals/ope/ope.pdf>), and in the Utility Accommodation Policy Manual maintained by the ROW Division. The ROW Division's "Utility Manual" (found at <http://onlinemanuals.txdot.gov/txdotmanuals/utl/index.htm>) are implemented by contractors. TxDOT will give guidance in the administration of utility adjustments or financial participation therein, where applicable. Although difficult to determine the legal status of some of the proposed installations, TxDOT maintains its rights to designate the location and conditions that will govern their installation and maintenance.

TxDOT receives requests to temporarily use highway ROW for investigation and remediation of leaking petroleum storage tanks (LPST). The applicants are both private property owners and public entities. Through cooperation with TCEQ, TxDOT is successfully using an agreement process with the LPST site owner and contractor to manage the LPST investigation and remediation operations on TxDOT ROW. Any remediation involving the ROW requires TxDOT approval.

TxDOT will report the number of ~~requests received from contractors~~ utility permits issued during the permit year in the annual report. Any issues related to contractor operations will also be included, as necessary, in the annual report.

5.3.6 Roadway Operation and Maintenance Activities

TxDOT operates and maintains highways in a manner to minimize the discharge of pollutants from road repair, equipment yards, and material storage/maintenance facilities to the MEP. BMPs and statewide programs described throughout this SWMP have the primary

goal of minimizing pollutants from roadways, as the highways are TxDOT's primary MS4 area of operation. In addition, TxDOT implements the following BMPs to minimize pollutant discharge:

1) Assessment of permittee-owned operations

TxDOT has evaluated operation and maintenance (O&M) activities for their potential to discharge pollutants in stormwater. TxDOT's findings for each permit requirement (*in italics*) is:

a) *Road and parking lot maintenance may include such areas as pothole repair, pavement marking, sealing, and re-paving;*

TxDOT engages in earth-disturbing operations during regular maintenance of roadways. These operations, such as shoulder blading and ditch cleaning, do not presently meet the definition of construction activities as regulated by the TPDES program, but TxDOT encourages the use of controls to limit erosion and sedimentation resulting from these projects. Most highway maintenance sites experience little erosion since the work is performed as follows:

- At the proper time of year (season);
- At a location protected from sensitive environments;
- With minimal land area disturbance; and,
- Only after an investigation/knowledge of area soils.

During usual maintenance, minimal amounts of land area are disturbed or rehabilitated into additional paved surface areas, which could increase stormwater runoff. Ditch work is scheduled in seasons when the vegetation will recover, or seeding, sodding, and fertilizing could safely be utilized.

b) *Bridge maintenance may include such areas as re-chipping, grinding, and saw cutting;*

Bridge paint removal and application projects are closely scrutinized to ensure potentially hazardous materials do not adversely affect the environment. Sand blasting has typically been used in the cleaning and removal of paint from equipment and structures, particularly on maintenance of existing bridges. New air control regulations limiting airborne particles and the work locations near water impoundments has placed a greater awareness of the potential for environmental impact to receiving waters. Old paints often contain a substantial amount of heavy metals (e.g., lead, chromium), with some of the newer paints containing volatile organic compounds (VOCs).

Before paint is to be removed, it is to be tested for heavy metals (especially lead), and where suspected, asbestos. If lead is present, all blast material will be contained and collected. Blast material is to be tested for hazardous materials and disposed of properly. TxDOT, at several levels, is working with state and federal agencies in researching methods of encapsulating the resulting

contaminant (usually lead and/or asbestos) and containing blast sand into reusable material such as concrete or clay bricks. If asbestos is present, sand blasting is not allowed.

Heavy equipment and building paint removal and application projects will continue to be performed by contract and state labor.

- c) *Cold weather operations, including plowing, sanding, and application of deicing and anti-icing compounds and maintenance of snow disposal areas; and*

Nothing is more important than safety to TxDOT especially during harsh winter weather. TxDOT's primary objective is to provide motorists with safe travel on all of the roadways we maintain. We do this through the strategic use of various resources at our disposal as well as through the dedication, determination and teamwork of the men and women of TxDOT.

Roadways are prioritized by Interstate, U.S. Highway, State Highway, and Farm-to-Market as well as bridges, overpasses, high traffic interchanges, and high traffic roadways. Local authorities are responsible for city and county roads.

TxDOT crews begin preparing for winter weather early in the season. Equipment is inventoried, inspected and calibrated for quick response. Pre-icing and de-icing materials are inventoried and ordered, as needed. Stockpiles are replenished with enough materials for a multiple day event and emergency contracts are readied, just in case. "Watch for Ice on Bridges" signs are opened at the beginning of the season.

Activities that occur before a predicted ice/snow event include:

- Equipment Preparations:
 - All equipment is serviced;
 - Spreader boxes are installed on dump trucks;
 - Spreader equipment is calibrated to deliver correct material amounts; and,
 - Heavy equipment loaders are staged and operable.
- Other Preparations:
 - Routes are determined and assigned according to winter weather plans;
 - Sand and chemical stockpiles are strategically located in areas expected to be impacted;
 - TxDOT monitors weather reports and communicates with nearby districts to determine if help is needed;
 - If needed, crews may be dispatched to pre-treat bridges and overpasses; and,
 - Districts participate in National Weather Service conference calls.

- During an Ice/Snow Event:
 - Supervisors continually monitor weather and road conditions, traffic cameras, road sensors, hotlines and management reports;
 - Personnel and equipment adjustments are made as needed;
 - Crews spread sand and pre-icer or de-icer materials along assigned routes;
 - Work continues 24/7 to keep roadways passable;
 - Public Information Officers work with the media (newspapers, radio, TV) and through social media networks (Twitter, Facebook, etc.) to get road condition information out to the public; and,
 - Road conditions are updated on TxDOT's Web site.
- After an Ice/Snow Event:
 - Material stockpiles are replenished to be ready for the next event;
 - Roadways are swept clean of excess sand or other materials; and,
 - Winter plans are evaluated for effectiveness and adjusted if needed.
- Materials Used
 - Pre-icing: Liquid magnesium chloride is primarily sprayed on bridges and overpasses before a storm to help prevent a hard bond of ice, reduce snow buildup and to speed snow and ice breakup;
 - De-icing: Magnesium chloride pellets are mixed with sand to help remove thick layers of ice already on the road. Magnesium chloride is made with natural sea salt and is less corrosive than rock salt and more environmentally friendly than baking soda;
 - Grade 5 Sand: used to improve traction and as a mixing agent for magnesium chloride;
 - Salt: still preferred in some situations because it is very fast-acting. Sometimes used to free up stalled trucks on an icy road; and,
 - Calcium Magnesium Acetate: chemical formulation of dolomitic lime and acetic acid. Used in a granular form, it is easier to spread with pickups than the larger bulk bags of magnesium chloride.

Removal of snow and ice from TxDOT roadways is classified as an emergency operation that takes precedence over all other work to ensure public safety. Deicing salt is used on a limited basis by TxDOT. The preferred method of maintaining a safe roadway during icy conditions is through the use of sand without salt. Only during the most severe conditions will salt be mixed with the sand, at approximately 100 pounds of salt per cubic yard of sand. During and

after the icy conditions, inspections are conducted to ensure proper cleanup operations minimize pollutant discharge from the MS4.

- d) *ROW maintenance, including mowing, herbicide and pesticide application, and planting vegetation.*

Mowing is addressed in Section 5.3.6.5.

Although numerous structural controls are available to reduce pollutant loading, TxDOT's management practices rely heavily on vegetation and re-vegetation management principles.

TxDOT implements controls to reduce the discharge of pollutants related to the storage and application of pesticides, herbicides, and fertilizers, applied by TxDOT's employees or contractors, to public ROW, or other TxDOT property. TxDOT has documented its management of roadside vegetation in the Roadside Vegetation Management Manual as follows:

- The purposes of the vegetation management guidelines are to: i) Enhance the safety of the traveling public; ii) Enhance environmental protection; iii) Promote and preserve native wildlife habitats and native flora throughout the state; iv) Mitigate erosion while providing adequate drainage; and v) Promote coordination and efficiency in maintenance activities;
- Vegetation management includes propagation and control of vegetation that is accomplished by physical means of hand-pulling, hoeing, plowing, cultivating, trimming, and mowing. Chemical methods include the application of approved herbicides to control specific vegetation problems;
- The manual describes proper selection of herbicides, application rates, and various factors that contribute to proper usage;
- TxDOT's herbicide program is based upon extensive research for chemicals which will provide the desired control of the target species while presenting the minimum possibility of harm to the environment, the applicator, or to the traveling public;
- Employees applying herbicides are licensed by the state and furthermore, TxDOT arranges annual training workshops for TxDOT maintenance personnel, subcontractors, and contractors. Materials include information about vegetation management;
- The Texas Agriculture Code requires TxDOT employees to possess a valid, non-commercial, pesticide applicator's license prior to applying herbicide on the transportation system ROW, or on the grounds of any TxDOT facility. The training prepares TxDOT employees to test for a non-commercial pesticide applicator's license from the Texas Department of Agriculture (TDA) and introduces TxDOT employees to TxDOT's herbicide program. This course is offered to maintenance personnel. Once licensed, applicators must attend a TxDOT training session or watch continuing education videos on an annual

basis. Also in accordance with TDA requirements, TxDOT maintains herbicide application records for two years after herbicide application;

- The plan calls for strict coordination between mowing and herbicide operations. As an example, TxDOT may overspray an area, which allows the herbicide to translocate to the target species' root system;
- While not as common, TxDOT does require insect pesticide applications for worker and public safety, fire ant areas, bees hives, and other insect nests in TxDOT ROW and operational areas including rest stops and signal boxes; and,
- TxDOT's Specifications for Construction and Maintenance of Highways, Streets, and Bridges, Item 166.2, specifies: the use of a complete fertilizer containing nitrogen (N), phosphorous (P), and potash (K) nutrients unless otherwise specified on the plans; at least 50% of the nitrogen component must be of a slow-release formulation; and, ensures that fertilizer is in an acceptable condition for distribution in containers labeled with the analysis. Item 166.3 - specifies that the fertilizer is delivered and applied uniformly at a rate equal to 100 lb. of nitrogen per acre or at the analysis and rate specified on the plans. Fertilizers are normally applied as a one-time item nearing the end of initial construction of a roadway and vegetation is being established.

2) TxDOT has identified pollutants of concern that could be discharged from the above O&M activities.

Potential pollutants are as follows:

- Metals, specifically lead, copper, and chlorides;
- Hydrocarbons, specifically oil and grease;
- Sediment; and,
- Trash.

3) TxDOT has developed and implements a set of pollution prevention measures that will reduce the discharge of pollutants in stormwater from the following activities:

- Replacing materials and chemicals with more environmentally benign materials or methods. There are numerous chemicals being registered by the EPA for both agricultural (crop) and ROW (non-crop) situations. Some of these chemicals have proven to provide excellent benefits to the vegetation manager in over-coming and/or controlling specific vegetation problems along the transportation system. TxDOT does extensive research annually on herbicides to ensure it is using the best, latest, and safest EPA approved herbicides.
- Changing operations to minimize the exposure or mobilization of pollutants to prevent them from entering surface waters. TxDOT has incorporated, where applicable, a PFC surface treatment into roadway construction - the latest

controls for stormwater quality since 2004. A PFC reduces splash and spray from vehicular traffic, minimizing the pollutant wash-off and reducing potential pollutant transport. TxDOT, through research and testing, determined that PFC has proven to reduce a certain percentage of pollutants before they reach surface waters. TxDOT studies have indicated a concentration reduction of the following parameters of concerns:

- 88 percent reduction of Total Suspended Solids (TSS);
 - 63 percent reduction of Total Phosphorus;
 - 57 percent reduction of Total copper;
 - 88 percent reduction of Total lead;
 - 84 percent reduction of Total zinc; and,
 - 40 percent reduction of dissolved zinc.
- Placing barriers around or conducting runoff away from deicing salt/rock storage areas to prevent discharge into surface waters. TxDOT has berms or barriers around the deicing salt/rock storage areas. Some districts store salt/rock inside the building. TxDOT has been moving toward using a much lower salt concentration brine water for deicing and pre-icing.
- 4) Perform inspections of pollution prevention measures - All pollution prevention measures implemented at TxDOT-owned facilities will be visually inspected once per permit term. Inspection forms will be maintained at the TxDOT's district offices and made available for review by the TCEQ upon request.

TxDOT performs and submits its findings in Section 5.3.2 above.

5) Mowing and Vegetation Management for Street, Road, or Highway Maintenance

Mowing and vegetation management are an integral part of TxDOT's highway maintenance program. The wildflower program is part of a comprehensive vegetation management program. It encourages the growth of native species that require less mowing and care. The native grasses and wildflowers help to conserve water, control erosion and provide a habitat for wildlife. The department normally plants wildflowers annually and has a multi-million dollar annual landscaping budget. The amounts vary each year depending on its need. Mowing is delayed until wildflowers have produced mature seeds to assure the preservation and propagation of wildflower species. Detailed information on the wildflower program, as well as types of mowing, special situations mowing and litter pickup, and non-mow areas, are located in the Roadside Vegetation Management Manual, (<http://onlinemanuals.txdot.gov/txdotmanuals/veg/index.htm>).

TxDOT will report the number of miles mowed during the permit year and include in the annual report.

6) Storm Sewer System and Drainage Ditch Cleaning

Drainage ditches are cleaned on an as-needed basis during the summer. During the winter, all state-owned drainage ditches are systematically cleaned. Stormwater structures are cleaned on an as-needed basis as identified by inspection procedures.

TxDOT will report the number of miles of ditches cleaned during the permit year and include in the annual report.

7) Material Storage at Maintenance Facilities

TxDOT's Occupational Safety (OCC) and Environmental Affairs (ENV) divisions have implemented programs that require periodic inspections of each district/maintenance section. The objective of both programs is to note hazards within the workplace that may contribute to employee accidents and/or violate state and federal regulations (including water quality). The responses by the Districts have shown that the OCC and ENV survey teams are serving as educators as well as reporters. These programs have resulted in improved operations associated with the storage, handling, labeling and personal protection requirements involved with such items as solvents, wet batteries, paint/oil/grease barrels, etc.

8) Stockpiled Materials

Stockpile Management procedures and practices are designed to reduce or eliminate air and stormwater pollution from stockpiles of soil, paving materials such as portland cement concrete rubble, reclaimed asphalt pavement (RAP), hot mixed-cold laid bituminous mixes, limestone rock asphalt, pre-coated aggregates, various patching mixes, and road deicing salt and sand.

TxDOT implements best management practices at all facilities that stockpile soil and other materials. Protection of stockpiles is a year-round requirement. To properly manage stockpiles TxDOT:

- Locates stockpiles away from concentrated flows of stormwater, drainage courses, and inlets;
- Protects all stockpiles from stormwater run-on using temporary perimeter sediment barriers, such as berms, dikes, fiber rolls, silt fences, sandbag, gravel bags, or straw bale barriers where available and appropriate;
- Places bagged materials on pallets and under cover where available and appropriate;
- Will inspect stockpiled materials once every 18 months to verify continued BMP implementation; and,
- Repair and/or replace perimeter controls and covers as needed to keep them functioning properly.

TxDOT will report the number of miles mowed, the linear feet of storm sewer system and drainage ditches cleaned, and the number of inspections performed at material storage and stockpile areas in the annual report.

5.3.7 Structural Control Maintenance

BMPs associated with this section are performed and reported in Sections 5.3.2 and 5.3.6 above. These activities include:

- TxDOT personnel or TxDOT approved consultants will inspect and maintain permanent structural control measures and ensure adequate long-term operation of BMPs. Maintenance of permanent structural controls includes repair of erosion features, removal of sediment and debris, etc. TxDOT currently has design standards that ensure compliance for structural and non-structural runoff controls. TxDOT will update its inventory and assess the status of the structural controls as determined by TxDOT.

TxDOT includes the number of inspections completed, and the volume of trash and debris removed, if available, from permanent structural controls during the permit year in Section 5.3.2.

- TxDOT ENV will map/locate permanent structural controls, such as detention/irrigation ponds, hazardous waste traps, sand filter traps, infiltration ponds, or catch basins. TxDOT will perform the mapping of 5 districts per year or will perform the mapping of the entire MS4 within the 5-year permit term.

A map will be included in the annual reports in Section 5.3.2.

- TxDOT's procedure for disposal of dredged spoil and accumulated sediment from structural controls is to dispose of sediment into either upland locations or landfills. This procedure will not result in re-deposition of sediment into the system, and assures proper disposal of sediments in accordance with 30 TAC Chapter 330 or 335 rules. Floatables that are collected will be disposed of in a municipal landfill.

TxDOT reports the ~~volume-cost~~ of spoil, sediment and trash removed in the annual report in Section 5.3.2.

- Mowing and vegetation management.

TxDOT reports the number of miles mowed during the permit year and include in the annual report in Section 5.3.6.

- Storm sewer system and drainage ditch cleaning.

TxDOT reports the number of miles of ditches cleaned during the permit year and include in the annual report in Section 5.3.6.

5.3.8 Additional Requirements for Previous Phase I Permitted Areas

In addition to all the requirements described above, TxDOT meets the following requirements in areas that were previously permitted under a Phase I permit.

Pesticide, Herbicide, and Fertilizer Application and Management

- 1) Landscape maintenance – Mowing and vegetation management are an integral part of TxDOT's highway maintenance program. The wildflower program is part of a comprehensive vegetation management program. It encourages the growth of native species that require less mowing and care. The native grasses and wildflowers help to conserve water, control erosion and provide a habitat for wildlife. The department normally plants wildflowers annually and has a multi-million dollar annual landscaping budget. The amounts vary each year depending on its need. Mowing is delayed until wildflowers have produced mature seeds to assure the preservation and propagation of wildflower species. Detailed information on the wildflower program, as well as types of mowing, special situations mowing and litter pickup, and non-mow areas, are located in the Roadside Vegetation Management Manual,

(<http://onlinemanuals.txdot.gov/txdotmanuals/veg/index.htm>).

TxDOT reports the number of miles mowed during the permit year in Section 5.3.6.

- 2) TxDOT implements the following practices to minimize landscaping-related pollutant generation with regard to public spaces it owns and operates:
 - a) Employees applying herbicides are licensed by the state and furthermore, TxDOT arranges annual training workshops for TxDOT maintenance personnel, subcontractors, and contractors. Employees receiving training are reported in Section 5.3.3.
 - b) TxDOT implements controls to reduce the discharge of pollutants related to the storage and application of pesticides, herbicides, and fertilizers, applied by TxDOT's employees or contractors, to public ROW, or other TxDOT property.

This includes schedules developed for application to minimize runoff as described in Section 5.3.6. The controls are specified and reported in Section 5.3.6.

TxDOT ensures the proper collection and disposal of unused pesticides, herbicides, and fertilizers as specified in Section 5.3.6.

TxDOT reports these activities in Section 5.3.6.

5.4 BMP Implementation Schedule Activity, and Measurable Goals

Table 5.1

POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR TRANSPORTATION OPERATIONS				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
Annually/Aug	5.3.1- Program Development	Fully implement all applicable new elements and all applicable elements in newly regulated Phase II MS4 areas by the end of the current permit term.	All new elements and elements in newly regulated Phase II areas completed will be included in the Annual report.	ENV District
Annually/Aug	5.3.2.a - TxDOT- Owned Facilities and Control Inventory	Complete the "Facility Environmental Compliance Survey" at each facility within or immediately adjacent to the regulated area at least once during the permit term.	Log the number of <u>facility</u> inspections completed during the permit year in the annual report.	District ENV
	5.3.2.b - TxDOT- Owned Facilities and Control Inventory	Inspect and maintain permanent structural control measures and ensure adequate long-term operation of BMPs.	Include the number of <u>facility</u> inspections completed during the permit year in the annual report.	District ENV
	5.3.2.c - TxDOT- Owned Facilities and Control Inventory	Map/locate permanent structural controls. Perform mapping of 5 districts per year.	Include updated map in the annual report.	ENV District
	5.3.2.d - TxDOT- Owned Facilities and Control Inventory	Implement procedures for disposal of dredged spoil and accumulated sediment from structural controls and dispose of sediment into either upland locations or landfills.	Report the number of <u>facility inspections structural controls maintained</u> in the annual report. <u>Volume of spoil, sediment, and trash is reported in Compass Codes 520, 521, 522, 523, 527, 524, 561, 562, 563, 570, and 620.</u>	ENV District
Annually/Aug	5.3.3-Training and Education	Require TxDOT staff to attend training classes listed in Attachment B as applicable.	Record the number of participants for each training class. Records will be maintained at each District and ENV for TCEQ review.	District ENV
Annually/Aug	5.3.4- Disposal of Waste Material	Manages the removal of waste products threatening water quality on the ROW.	Report the cost and volumes from Compass Data; Function Codes: 511 (ROW Mowing), 513 (Spot Mowing), 830 (Hazard Material Clean-up, Spills or Leaking Storage Tanks), 831 (Hazard Material Clean-up, Abandoned Materials)	District ENV

POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR TRANSPORTATION OPERATIONS				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
Annually/Aug	5.3.5- Contractor Requirements and Oversight	Assure that policies governing the design, location, and methods of installation are set out and followed by contractors.	Report the number of utility permit requests received from contractors during the permit year in the annual report. Any issues relayed to contractor operations will also be included, as necessary, in the annual report.	District ENV
Annually/Aug	5.3.6.a - Roadway Operation and Maintenance Activities	Mowing and vegetation management for street, road, or highway maintenance.	Report the costs , number of miles-acres mowed and chemical controls used during the permit year and include in the annual report. Compass Function Codes 511, 513, 541 and 545.	District
	5.3.6.b - Roadway Operation and Maintenance Activities	Storm sewer system and drainage ditch cleaning.	Report the cost and number of miles-cubic yards of ditches cleaned during the permit year and include in the annual report. Compass Function Codes 561.	ENV
	5.3.6.c - Roadway Operation and Maintenance Activities	Seeding and vegetation control.	Report the pesticide herbicide cost from Compass Function Codes 540, 548, 551, and 54052 and include in the annual report.	District ENV
	5.3.6.d - Roadway Operation and Maintenance Activities	Material storage at maintenance facilities.	Number of inspections performed, and r Reported in 5.3.2.a above.	ENV
	5.3.6.e - Roadway Operation and Maintenance Activities	Stockpiled materials.	Number of inspections performed. Reported in 5.3.2.a above. Performed and reported in 5.3.2 above.	ENV
Annually/Aug	5.3.7.a - Structural Control Maintenance	Inspect and maintain permanent structural control measures and ensure adequate long-term operation of BMPs.	The number of inspections completed, and the volume cost of trash and debris removed, if available, from permanent structural controls during the permit year is reported in Section 5.3.2. <u>Compass Codes 520, 521, 522, 523, 524, 527, 561, 562, 563, 570, and 620.</u>	District ENV

POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR TRANSPORTATION OPERATIONS				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
	<u>5.3.7.b - Structural Control Maintenance</u>	Map/locate permanent structural controls, such as detention/irrigation ponds, hazardous waste traps, sand filter traps, infiltration ponds, or catch basins.	The map will be included in the annual reports in Section 5.3.2.c.	District ENV
	<u>5.3.7.c - Structural Control Maintenance</u>	Disposal of dredged spoil and accumulated sediment from structural controls.	The volume, <u>quantity, and cost</u> of spoil, sediment and trash removed <u>is reported in Section 5.3.2. Compass Codes 520, 521, 522, 523, 524, 527, 561, 562, 563, 570, and 620.</u>	District ENV
	<u>5.3.7.d - Structural Control Maintenance</u>	Mowing and vegetation management.	The number of miles mowed during the permit year are reported in Section 5.3.6.a.	District ENV
	<u>5.3.7.e - Structural Control Maintenance</u>	Storm sewer system and drainage ditch cleaning.	The miles of ditches cleaned during the permit year are reported in Section 5.3.6.b.	District ENV

POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR TRANSPORTATION OPERATIONS				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
ADDITIONAL REQUIREMENTS FOR PREVIOUS PHASE I PERMITTED AREAS				
Annually/Aug	<u>5.3.8.a - Pesticide, Herbicide, and Fertilizer Application and Management</u>	Landscape maintenance.	TxDOT reports the number of miles mowed during the permit year in Section 5.3.6.a.	ENV
	<u>5.3.8.b - Pesticide, Herbicide, and Fertilizer Application and Management</u>	Employees applying herbicides are licensed by the state and furthermore, TxDOT arranges annual training workshops for TxDOT maintenance personnel, subcontractors, and contractors.	Employees receiving training are reported in Section 5.3.3.	ENV
	<u>5.3.8.c - Pesticide, Herbicide, and Fertilizer Application and</u>	Implement controls to reduce the discharge of pollutants related to the storage and application of pesticides, herbicides, and fertilizers.	The controls are specified and reported in Section 5.3.6.c.	District

	<u>Management</u>			
	<u>5.3.8.d - Pesticide, Herbicide, and Fertilizer Application and Management</u>	Ensure proper collection and disposal of unused pesticides, herbicides, and fertilizers.	TxDOT reports these activities in Section 5.3.6.c.	District

6.0 MONITORING AND EVALUATION

6.1 Permit Requirements

The permittee shall, in areas previously permitted under a Phase I permit, develop and implement an Alternate Stormwater Assessment Program (See Part III.B.2(i)(5)) and continue implementing a floatables monitoring and reduction program. The program must include:

- 1. Dry weather screening – The permittee shall continue to screen and detect the presence of illicit discharges to its MS4 (See Part III.B.2(i)(5)).*
- 2. Evaluation of water quality – The permittee shall continue to evaluate the watershed using existing stormwater characterization data. This evaluation must be conducted in the existing Phase I areas where the permittee was previously responsible for outfall or watershed monitoring under the Wet Weather Characterization program and must include available data for the pollutants previously monitored by the permittee under its Phase I permits, as listed in Attachment 3. The results of the evaluation must be submitted with the year 4 annual report. Phase I areas under this requirement include: TxDOT Beaumont (WQ0004644000), City of San Antonio (WQ0004284000), TxDOT Austin (WQ0004645000), City of Houston (WQ0004685000), TxDOT Houston District (Pasadena) (WQ0004520000), City of Fort Worth (WQ0004350000), City of Arlington (WQ0004635000), and City of Dallas (WQ0004521000). (See Part III.B.2(i)(5)).*
- 3. Floatables monitoring - The permittee shall continue to implement a program to reduce the discharge of floatables (e.g. litter and other human generated solid refuse) into the MS4, which must include source controls and, where necessary, structural controls and other appropriate controls. The amount of material collected shall be estimated by weight, volume, or by other practical means. Results shall be included in the statewide annual report.*

6.2 Program Overview

TxDOT will, in areas previously permitted under a Phase I permit, continue dry weather screening, perform an evaluation of water quality through the development and implementation of an Alternate Stormwater Assessment Program (See Part III.B.2(i)(5) of Permit No. WQ0005011000), and continue implementing a floatables monitoring and reduction program.

6.3 Best Management Practices and Measurable Goals

6.3.1 Dry weather screening

TxDOT will continue to screen and detect the presence of illicit discharges to its MS4 as defined in Section 2.3.9 of this SWMP. This evaluation will be conducted in the existing Phase I areas.

This permit requirement is performed and reported in Section 2.3.9 above.

6.3.2 Evaluation of water quality

TxDOT will continue to evaluate the watershed using existing stormwater characterization data. This evaluation will be conducted in the existing Phase I areas where the permittee was previously responsible for outfall or watershed monitoring under the Wet Weather Characterization program and will include available data for the pollutants previously monitored by the permittee under its Phase I permits, as listed in Attachment 3 of Permit No. WQ0005501000. The results of the evaluation will be submitted with the year 4 annual report. Phase I areas under this requirement include: TxDOT Beaumont (WQ0004644000), City of San Antonio (WQ0004284000), TxDOT Austin (WQ0004645000), City of Houston (WQ0004685000), TxDOT Houston District (Pasadena) (WQ0004520000), City of Fort Worth (WQ0004350000), City of Arlington (WQ0004635000), and City of Dallas (WQ0004521000). (See Part III.B.2(i)(5)) as defined in Section 2.3.9 of this SWMP.

This permit requirement is performed and reported in Section 2.3.9 above.

6.3.3 Floatables Monitoring

TxDOT's previously issued Phase I permits required the implementation of a program to reduce the discharge of floatables (for example, litter and other human generated solid refuse) into the TxDOT MS4. To assure compliance with TxDOT TPDES permit requirements, TxDOT has and will continue to implement a program to reduce the discharge of floatables (for example, litter and other human generated solid refuse) into the TxDOT MS4, which will include source controls and, where necessary, structural controls and other appropriate controls.

TxDOT implements a statewide program including the "Don't Mess with Texas" campaign, the "Adopt-a-Highway" program, and street sweeping to reduce the discharge of floatables into its statewide MS4. The program primarily uses litter pickup, monitoring, and source control to reduce floatables.

TxDOT hires private contractors to perform street sweeping on TxDOT roadways throughout the permitted areas. Most of the street sweeping is vacuum-assisted which provides the greatest level of particulate recovery. In addition, TxDOT compiles data (i.e., litter weight) from the "Adopt-a-Highway" Program and reports the quantity to TCEQ in annual reports.

TxDOT also tracks annual expenditures for the DMWT program which will be included in the annual reports.

This permit requirement is performed and reported in Section 1.3.1, 1.3.2, 1.3.3, 5.3.4, 5.3.6, and 5.3.7 above.

6.4 Monitoring and Evaluation Implementation Schedule Activity, and Measurable Goals

Table 6.1

MONITORING AND EVALUATION				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
THE FOLLOWING BMPs WILL BE PERFORMED ONLY IN PREVIOUSLY PERMITTED PHASE I AREAS				
Annually/Aug	6.3.1-Dry Weather Screening	Screen 20 percent of the previously permitted Phase I areas and detect the presence of illicit connections and improper discharges from adjacent MS4s and illegal third parties discharges to the MS4.	Requirement is performed and reported in Section 2.3.9.	ENV District
Annually Year 4/Aug	6.3.2-Evaluation of Water Quality	Evaluate the listed watersheds using existing stormwater characterization data collected by reliable sources such as TCEQ, local river authorities, partnerships, and/or other local efforts as appropriate.	Requirement is performed and reported in Section 2.3.9.f.	District ENV
Annually/Aug	6.3.3-Floatables	Implement statewide programs including the “Don’t Mess with Texas” campaign, the “Adopt-a-Highway” program, and street sweeping to reduce the discharge of floatables into the statewide MS4.	Annual expenditures for the "DMWT" program are reported in Section 1.3.1.	ENV
			"Adopt-a-Highway" program data is reported in Section 1.3.2 and 1.3.3.	ENV
			Trash and debris disposed of as floatable removal is reported in Section 5.3.4, 5.3.6, and 5.3.7.	District

7.0 IMPAIRED WATER BODIES AND TOTAL MAXIMUM DAILY LOAD (TMDL) REQUIREMENTS

7.1 Permit Requirement

Discharges of the pollutant(s) of concern (POC(s)) to impaired water bodies for which there is a TCEQ and EPA approved total maximum daily load (TMDL) are not eligible for this permit unless they are consistent with the approved TMDL. A water body is impaired for purposes of the permit if it has been identified, pursuant to the latest TCEQ and EPA approved CWA §303(d) list or identified in the Index of Water Quality Impairments in the Integrated Report of Surface Water Quality for Clean Water Act Sections 305(b) and 303(d), as not meeting Texas Surface Water Quality Standards.

The permittee shall control the discharges of POC(s) to impaired waters and waters with approved TMDLs as provided in sections (a) and (b) below, and shall assess the progress in controlling those pollutants.

(a) Discharges to Water Quality Impaired Water Bodies with an Approved TMDL

For any portion of the MS4 that discharges to a portion of a watershed with an approved TMDL, where stormwater has the potential to cause or contribute to the impairment, the permittee shall include in the SWMP controls targeting the POC(s) along with any additional or modified controls required in the TMDL and this section.

The SWMP and required annual reports must include information on implementing any targeted controls required to reduce the POC(s) as described below:

(1) Targeted Controls

The SWMP must include a detailed description of all targeted controls to be implemented, such as identifying areas of focused effort or implementing additional Best Management Practices (BMPs) to reduce the POC(s) in the impaired waters.

(2) Measurable Goals

For each targeted control, the SWMP must include a measurable goal and an implementation schedule describing BMPs to be implemented during each year of the permit term.

(3) Identification of Benchmarks

The SWMP must identify a benchmark for the POC(s). Benchmarks are designed to assist in determining if the BMPs established are effective in addressing the POC(s) in stormwater discharge(s) from the MS4 to the maximum extent practicable (MEP). The BMPs addressing the POC(s) must be re-evaluated on an annual basis for progress towards the benchmarks and modified as necessary within an adaptive management framework. These benchmarks are not numeric effluent limitations or permit conditions but intended to be guidelines for evaluating progress towards reducing pollutant discharges consistent with the benchmarks. The exceedance of a

benchmark is not a permit violation and does not in itself indicate a violation of instream water quality standards.

The benchmark must be determined based on one of the following options:

- a. If the MS4, or a portion thereof, is subject to a TMDL that identifies a Waste Load Allocation(s) (WLA) for permitted MS4 stormwater sources, then the SWMP may identify it as the benchmark. Where an aggregate allocation is used as a benchmark, all affected MS4 operators are jointly responsible for progress in meeting the benchmark and shall (jointly or individually) develop a monitoring/assessment plan as required in Part II.D.3(a)(6).*
- b. Alternatively, if multiple MS4s are discharging into the same impaired watershed with an approved TMDL, with an aggregate WLA for all permitted stormwater MS4s, then the MS4s may combine or share efforts to determine an alternative sub-benchmark for the POC (e.g., bacteria) for their respective MS4. The SWMP must clearly define this alternative approach and must describe how the sub-benchmark would cumulatively support the aggregate WLA. Where an aggregate benchmark has been broken into sub-benchmarks for individual MS4s, each permittee is only responsible for progress in meeting its sub-benchmark.*

(4) Statewide Annual Report

The annual report must include an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark.

(5) Impairment for Bacteria

If the POC is bacteria, the permittee shall include focused BMPs addressing the below areas, as applicable, in the SWMP and implement as appropriate. If a TMDL Implementation Plan (I-Plan) is available, the permittee may refer to the I-Plan for appropriate BMPs. The SWMP and annual report must include the selected BMPs. The permittee may not exclude BMPs associated with the minimum control measures required under 40 CFR §122.34 from its list of proposed BMPs. Proposed BMPs will be reviewed by the executive director during the SWMP review and approval process.

The BMPs shall, as appropriate, address the following:

- a. Sanitary Sewer Systems;*
- b. On-site Sewage Facilities;*
- c. Illicit Discharges and Dumping from septic systems, grease traps, grit traps, or other sources; and*
- d. Animal Sources such as pet waste from rest areas.*

(6) Monitoring or Assessment of Progress

The permittee shall monitor or assess progress in achieving benchmarks and determine the effectiveness of BMPs, and shall include documentation of this

monitoring or assessment in the SWMP and annual reports. In addition, the SWMP must include methods to be used.

- a. The permittee may use either of the following methods to evaluate progress towards the benchmark and improvements in water quality:*

(i) Evaluating Program Implementation Measures

The permittee may evaluate and report progress towards the benchmark by describing the activities and BMPs implemented, by identifying the appropriateness of the identified BMPs, and by evaluating the success of implementing the measurable goals.

The permittee may assess progress by using program implementation indicators, such as: (1) number of sources identified or eliminated; (2) decrease in number of illegal dumping; (3) increase in illegal dumping reporting; (4) success associated with the Don't Mess With Texas program campaign and how many times the public accessed the website; or, (5) increase in illegal discharge detection through dry screening, etc.; or

(ii) Assessing Improvements in Water Quality

The permittee may assess improvements in water quality by using available data for segment and assessment units of water bodies from other reliable sources such as the wet weather watershed program or other sources, or by proposing and justifying a different approach such as collecting additional instream or outfall monitoring data, etc. Data may be acquired from TCEQ, local river authorities, partnerships (such as regional watershed monitoring efforts), and/or other local efforts as appropriate.

- b. Progress towards achieving the benchmark shall be reported in the annual report. Annual reports shall report the benchmark and the year(s) during the permit term that the MS4 conducted additional sampling or other assessment activities.*

(7) Observing no Progress Towards the Benchmark

If, by the end of the third year from the effective date of the permit, the permittee observes no progress toward the benchmark either from program implementation or water quality assessments as described in Part II.D.3(a)(6), the permittee shall identify alternative focused BMPs that address new or increased efforts towards the benchmark or, as appropriate, shall develop a new approach to identify the most significant sources of the POC(s) and shall develop alternative focused BMPs for those (this may also include information that identifies issues beyond the MS4's control). These revised BMPs must be included in the SWMP and subsequent annual reports.

Where the permittee originally used a benchmark based on an aggregated WLA, the permittee may combine or share efforts with other MS4s discharging to the same watershed to determine an alternative sub-benchmark for the POC(s) for their

respective MS4s, as described in Part II.D3(a)(3)b. above. Permittees must document, in their SWMP for the next permit term, the proposed schedule for the development and subsequent adoption of alternative sub benchmark for the POC(s) for their respective MS4s and associated assessment of progress in meeting those individual benchmarks.

(b) *Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL*

The permittee shall also determine whether any portion of the MS4 discharges directly to one or more water quality impaired water bodies where a TMDL has not yet been approved by TCEQ and EPA. If the permittee discharges directly into an impaired water body without an approved TMDL, the permittee shall perform the following activities for the areas of the MS4 subject to these requirements:

(1) *Discharging a Pollutant of Concern*

- a. *Within the first year following the permit effective date, the permittee shall determine whether the MS4 may be a source of the POC(s) by referring to the CWA §303(d) list and then determining if discharges from the MS4 would be likely to contain the POC(s) at levels of concern.*
- b. *If the permittee determines that the MS4 may discharge the POC(s) to an impaired water body without an approved TMDL, the permittee shall, no later than two years following the permit effective date, ensure that the SWMP includes focused BMPs, along with corresponding measurable goals, that the permittee will implement, to reduce, the discharge of POC(s) that contribute to the impairment of the water body.*
- c. *In addition, no later than three years following the permit effective date, the permittee shall submit written notification to TCEQ to amend the SWMP to include any additional BMPs to address the POC(s).*

(2) *Impairment of Bacteria*

Where the impairment is for bacteria, the permittee shall identify potential significant sources and develop and implement focused BMPs for those sources. The permittee may at the very least address the sources listed in Part II.D.3(a)(5).

- (3) *The annual report must include information on compliance with this section, including results of any sampling conducted by the permittee.*

7.2 Program Overview

TxDOT will identify outfalls within its regulated MS4 areas that will discharge directly into impaired water bodies using the latest TCEQ and EPA approved CWA §303(d) list within the first permit year. TxDOT will also identify the associated POCs within these segments during the first permit year. If additional BMPs are needed, TxDOT will revise the SWMP within the second permit year. TxDOT will perform the procedures described in the following “Water Quality Impaired Water Bodies (WQIWB) and Total Maximum Daily Load (TMDL) Best Management Practices (BMPs) Flow Chart” in Attachment K.

7.3 Best Management Practices and Measurable Goals

7.3.1 Discharges to Water Quality Impaired Water Bodies with an Approved TMDL

TxDOT will assess if its MS4 area draining to an impaired water body has the potential to cause or contribute to the impairment within the first permit year from the effective date of the permit and report its findings in the second year annual report. TxDOT will utilize the most recent list of impaired water bodies and EPA approved TMDL as well as current pending TMDLs and approved or pending Implementation Plans (I-Plans) made available by TCEQ. Tables 7.2 and 7.3 list the EPA approved TMDLs and approved or pending Implementation Plans (I-Plans), and impaired water bodies as defined by the TCEQ in the 2014 Texas Integrated Report - Texas 303(d) List (Category 5). If the assessment indicates that TxDOT’s operations may potentially contribute as a source of an adopted TMDL POC, TxDOT will revise Table 7.2 and Table 7.3 with appropriate TxDOT BMPs and report them in the annual report.

For any portion of the TxDOT MS4 that discharges to a portion of a watershed with an approved TMDL, where stormwater has the potential to cause or contribute to the impairment, TxDOT will include in the SWMP, controls targeting the POCs, along with any additional or modified controls required in the TMDL and this section.

The SWMP and required annual reports will include information on implementing any targeted controls required to reduce the POCs as described below:

1) Targeted Controls

Targeted Controls are listed in Table 7.4 and include Focused Effort/Additional BMPs, POCs, Benchmark Goals/Measurable Goals, and Implementation Schedules).

TxDOT will identify areas of focused effort or identify additional BMPs that will be implemented to reduce the POCs in the impaired waters.

2) Measurable Goals

For each targeted control (See Table 7.4), TxDOT will include a measurable goal and an implementation schedule describing BMPs to be implemented during each year of the permit term.

3) Identification of Benchmarks

Because TxDOT's regulated area may be located within several watersheds, TxDOT will identify a benchmark goal (see Table 7.4) for the identified POC based on the watershed and TxDOT's district locations with one of the following options:

- a) If the TxDOT regulated area is subject to a TMDL that identifies an aggregate WLA for all permitted MS4 stormwater sources, then TxDOT will identify such aggregate WLA as the benchmark. TxDOT will coordinate with other affected MS4 operators and will be jointly responsible for progress in meeting the benchmark goal and/or will jointly develop a monitoring/assessment plan according to the approved I-Plan; or,
- b) Alternatively, if multiple MS4s are discharging into the same impaired water body with an approved TMDL, with an aggregate WLA for all permitted stormwater MS4s, then TxDOT may combine or share efforts to determine an alternative sub-benchmark goal for the pollutant(s) of concern for the TxDOT MS4. TxDOT will clearly define this alternative approach and will describe how the sub-benchmark goals would cumulatively support the aggregate WLA as defined in the approved I-Plan. TxDOT will be responsible for progress in meeting its WLA sub-benchmark goal; or,
- c) Alternatively, if multiple MS4s are discharging into the same impaired water body with an approved TMDL, with an aggregate WLA for all permitted stormwater MS4s, then TxDOT may combine or share efforts to determine an alternative sub-benchmark goal for the pollutant(s) of concern for the TxDOT MS4. TxDOT will clearly define this alternative approach and will describe how the sub-benchmark goals would cumulatively support the aggregate WLA as defined in the approved I-Plan. TxDOT will be responsible for progress in meeting its WLA sub-benchmark goal; or,
- d) If the TxDOT regulated area is subject to an individual WLA specifically assigned to TxDOT, this individual WLA will be the benchmark goal. TxDOT will be responsible for progress in meeting its WLA benchmark goal as defined in the approved I-Plan.

4) Statewide Annual Report

The annual report will include an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark goal.

5) Impairment for Bacteria

If the POC is bacteria, TxDOT will evaluate the following potential sources, as listed in the Permit No. WQ005011000, if located within TxDOT's Regulated area:

- a) Sanitary Sewer Systems;
- b) On-site Sewage Facilities;

- c) Illicit Discharges and Dumping from septic systems, grease traps, grit traps; and,
- d) Animal Sources such as pet waste from rest areas.

TxDOT does not own or operate sanitary sewer systems or on-site sewage facilities within its regulated area. Illicit Discharges from septic systems, grease traps, and grit traps do not originate from the TxDOT MS4; rather, the illicit discharges originate from adjacent MS4s and third-party discharges into the TxDOT MS4. In addition, there are no rest areas constructed within TxDOT's MS4 regulated area; therefore pet wastes are not a potential source of bacteria to the TxDOT MS4.

To further identify potential animal sources for bacteria on TxDOT's regulated area, TxDOT utilizes current research studies performed by the Bacteria Sources Tracking (BST) group of the Texas Water Resources Institute (TWRI), and TxDOT's own research programs.

Bacteria Sources Tracking (BST) is a new methodology that is currently being used to determine the sources of fecal bacteria in environmental samples (e.g., from human, livestock or wildlife origins, and faulty on-site waste disposal systems). The BST group¹ has compiled a bacteria DNA library that includes bacteria pollution indicators and fecal bacteria source indicators to quantify possible impacts to water from animal and sewage wastes. The BST's research indicates that Escherichia coli (E. Coli), Total Coliform (TC), and Fecal Coliform (FC) sources are associated with the gastrointestinal tracts of humans and warm-blooded animals while Fecal Streptococci (FS) and Enterococci Groups sources of bacteria are in animal feces.

Recently approved I-Plans have indicated that birds nesting under and near bridges do not contribute to elevated levels of bacteria, and that their contribution to stream segments would be considered background concentrations. The background concentration level contributed by birds roosting under bridges has been shown to be insignificant when compared to the major sources listed in the BST studies.

Deterring the building of nests under bridges and box culverts is not considered a permanent mitigation of the potential bacteria source since birds can also build nests in the trees next to TxDOT bridges.

As shown above, TxDOT's regulated area is not a major source of bacteria. TxDOT will implement necessary BMPs, as identified in the approved Implementation Plan (I-Plan) that is assigned to TxDOT, to reduce bacteria to the maximum extent practicable (MEP), in those stream segments with approved TMDLs.

6) Monitoring or Assessment of Progress

¹ Texas Water Resources Institute at Texas A&M University.

TxDOT will monitor or assess progress in achieving benchmark goals and determining the effectiveness of BMPs, and will include documentation of this monitoring or assessment in the annual reports. TxDOT may utilize the following methods to accomplish the assessment:

a) TxDOT may assess progress by using program implementation indicators such as:

- Number of sources identified or eliminated;
- Decrease in amount of illegal dumping;
- Increase in illegal dumping reporting;
- "Don't Mess With Texas" campaign and web accessed;
- "Adopt-a-Highway" program; or,
- Increase in illegal discharge detection through dry screening, etc.

b) Assessing Improvements in Water Quality

TxDOT will assess improvements in water quality by using available data for the segment and assessment units of water bodies from other reliable sources, or by proposing and justifying a different approach such as collecting additional instream or outfall monitoring data, etc. Data may be acquired from TCEQ, local river authorities, partnerships, and/or other local efforts as appropriate.

Progress toward achieving the benchmark goal will be reported in the annual report. Annual reports will include the benchmark goal and the year(s) during the permit term if TxDOT conducted additional sampling or other assessment activities.

7) Observing no Progress Toward the Benchmark Goal

If, by the end of the I-Plan implementation goals period, TxDOT observes no progress toward the benchmark goal either from program implementation or water quality assessments as described above, TxDOT will identify alternative focused BMPs that address new or increased efforts towards the benchmark goal or, as appropriate, will develop a new approach to identify the most significant sources of POCs and will develop alternative focused BMPs for those (this may also include information that identifies issues beyond the MS4's control). These revised BMPs will be included in the SWMP and subsequent annual reports.

7.3.2 Discharges Directly to Water Quality Impaired Water Bodies Without an Approved TMDL

TxDOT will determine whether any portion of the MS4 discharges directly to one or more water quality impaired water bodies where a TMDL has not yet been approved by TCEQ and EPA. If TxDOT discharges directly into an impaired water body without an approved TMDL, TxDOT will perform the following activities for the areas of the MS4 subject to these requirements:

- 1) Discharging a Pollutant of Concern
 - a) Within the first year following the permit effective date (November 30, 2017), TxDOT will determine whether the MS4 may be a source of the POCs by referring to the CWA §303(d) list and then determining if discharges from the MS4 would be likely to contain the POCs at levels of concern. This activity will be performed in the first permit year and will be reported in the second year annual report.
 - b) If TxDOT determines that the MS4 may discharge the POCs to an impaired water body without an approved TMDL, TxDOT will, no later than two years following the permit effective date, ensure that the SWMP includes focused BMPs, along with corresponding measurable goals, that TxDOT will implement, to reduce, the discharge of POCs that contribute to the impairment of the water body. This activity will be reported in the third year annual report.
 - c) In addition, no later than three years following the permit effective date, TxDOT will submit written notification to TCEQ to amend the SWMP to include any additional BMPs to address the POCs. This activity will be reported in the fourth year annual report.

Table 7.3 provides an example of the analysis. [Table 7.3 will be updated to reflect the above determination.](#)

2) Impairment of Bacteria

Where the impairment is for bacteria, TxDOT will identify potential significant sources and develop and implement targeted BMPs for those sources. TxDOT will implement the focused BMPs listed above.

3) Annual Report

The annual report will include an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark goal.

7.4 Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements Implementation Schedule Activity, and Measurable Goals

Table 7.1

IMPAIRED WATER BODIES AND TOTAL MAXIMUM DAILY LOAD (TMDL) REQUIREMENTS				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
Discharges to Water Quality Impaired Water Bodies with an Approved TMDL				
Implement in Year 1/Nov Report in Year 2/Aug Annual Report y/Aug	7.3.1-Discharges to Water Quality Impaired Water Bodies with an Approved TMDL	Assess if the MS4 area draining to an impaired water body has the potential to cause or contribute to the impairment.	If the assessment indicates that TxDOT's operations may potentially contribute as a source of an adopted TMDL POC, TxDOT will implement appropriate BMPs and include in the annual report those impaired water bodies and POCs identified. <u>Update Tables 7.2 and 7.3.</u>	ENV
Annually/Aug	7.3.1.1-Targeted Controls	TxDOT will identify areas of focused effort or identify additional BMPs that will be implemented to reduce the POCs in the impaired waters.	1) Include BMPs in SWMP. 2) Report BMPs to TCEQ in annual report.	ENV
Annually/Aug	7.3.1.2-Measurable Goals	For each targeted control, TxDOT will include a measurable goal and an implementation schedule describing BMPs to be implemented during each year of the permit term.	1) Include measurable goals in SWMP. 2) Report measurable goals to TCEQ in annual report.	ENV
Annually/Aug	7.3.1.3-Identification of Benchmarks	TxDOT will identify a benchmark goal (see Table 7.2) for the identified POC based on the watershed and TxDOT's district locations with one of the options provided in Section 7.3.1.3)a), b), c), or d) options.	1) Select and implement the appropriate option. 2) Report the option selected in the annual report..	ENV
Annually/Aug	7.3.1.4- Statewide Annual Report	Conduct an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark goal.	Include analysis in annual report.	ENV

IMPAIRED WATER BODIES AND TOTAL MAXIMUM DAILY LOAD (TMDL) REQUIREMENTS				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
Annually/Aug	7.3.1.5- Impairment for Bacteria	If the POC is bacteria, TxDOT will evaluate the following potential sources listed in SWMP Section 7.3.1.5 .	TxDOT has addressed the potential sources and will provide a summary of its findings in the annual report.	ENV
Annually/Aug	7.3.1.6- Monitoring or Assessment of Progress	Monitor or assess progress in achieving benchmark goals and determining the effectiveness of BMPs.	Include documentation of this monitoring or assessment in the annual reports and methods to be used .	ENV
Varies Depending on I-Plan End Date	7.3.1.7- Observing no Progress Toward the Benchmark Goal	If TxDOT observes no progress toward the benchmark goal, TxDOT will identify alternative focused BMPs that address new or increased efforts towards the benchmark goal.	These revised BMPs will be included in the SWMP and subsequent annual reports.	ENV
Discharges Directly to Water Quality Impaired Water Bodies Without an Approved TMDL				
Annually/Aug	7.3.2-Discharges Directly to Water Quality Impaired Water Bodies Without an Approved TMDL	TxDOT will determine whether any portion of the MS4 discharges directly to one or more water quality impaired water bodies where a TMDL has not yet been approved by TCEQ and EPA.	If TxDOT discharges directly into an impaired water body without an approved TMDL, TxDOT will perform the following activities for the areas of the MS4 subject to these requirements set forth in 7.3.2...1,2, and 3 below. Update Table 7.3 .	ENV
Implement in Year 1/Nov Report in Year 2/Aug	7.3.2.1.a - Discharging a Pollutant of Concern	TxDOT will determine whether the MS4 may be a source of the POCs by referring to the CWA §303(d) list.	Determining if discharges from the MS4 would be likely to contain the POCs at levels of concern.	ENV
Implement in Year 2/Nov Report in Year 3/Aug	7.3.2.1.b - Discharging a Pollutant of Concern	If TxDOT determines that the MS4 may discharge the POCs to an impaired water body without an approved TMDL.	Ensure that the SWMP includes focused BMPs, along with corresponding measurable goals, that TxDOT will implement.	ENV

IMPAIRED WATER BODIES AND TOTAL MAXIMUM DAILY LOAD (TMDL) REQUIREMENTS				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
Implement in Year 3/Nov Report in Year 4/Aug	7.3.2.1.c - Discharging a Pollutant of Concern	TxDOT will submit written notification to TCEQ to amend the SWMP to include any additional BMPs to address the POCs	Submit notification to TCEQ.	ENV
Year 4/Aug	7.3.2.2- Impairment of Bacteria	TxDOT will identify potential significant sources and develop and implement targeted BMPs for those sources.	TxDOT has addressed the potential sources and will provide a summary of its findings in the annual report.	ENV
Annually/Aug	7.3.2.3-Annual Report	The annual report will include an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark goal as determinations are made.	Submit annual report to TCEQ.	ENV

7.3.2.1- Discharging a Pollutant of Concern

Table 7.2

EXISTING APPROVED TMDLS AND IMPLEMENTATION PLANS (I-Plans) WITH TXDOT'S BMPS								
District Name	Segment Number	Segment Name	Pollutant of Concern	TMDL Project Name	TMDL Adopted	IP Approval	Is TxDOT MS4 potential source for impairment?	TxDOT BMPs
HOU	1254	Aquilla Reservoir	Atrazine	TBD	Original 3/23/01; Revised 6/14/02	1/18/2002	TBD	TBD
PHA	1113, 1113A, 1113B, 1113C, 1113D , 1113E	Armand Bayou in the Houston-Galveston Region	Bacteria	TBD	8/5/2015	Subsumed in BIG I-Plan approved 1/30/13	TBD	TBD
PHA	2202	Arroyo Colorado	Legacy Pollutants: DDE, Chlordane, Toxaphene	TBD	1/17/2001	9/14/2001	TBD	TBD
AUS	2202	Arroyo Colorado	Legacy Pollutants: DDT, DDD, dieldrin, endrin, lindane, hexachlorobenzene , heptachlor, heptachlor epoxide	TBD	7/25/2003	Same activities as in I-Plan approved 9/14/01	TBD	TBD
TBD	Waller Creek, 1429C; Walnut Creek, 1428B; Spicewood Tributary to Shoal Creek, 1403J; and Taylor Slough South, 1403K	Austin Area Watersheds	Bacteria	TBD	1/21/2015	1/21/2015	TBD	TBD
TBD	Walnut Creek, Segments 1428B_01, 1428B_02, 1428B_03, and 1428B_04	Austin Area Watersheds Attachment	Bacteria	TBD	Submitted via WQMP	Same activities as in I-Plan approved 01/21/15	TBD	TBD

EXISTING APPROVED TMDLS AND IMPLEMENTATION PLANS (I-Plans) WITH TXDOT'S BMPS								
District Name	Segment Number	Segment Name	Pollutant of Concern	TMDL Project Name	TMDL Adopted	IP Approval	Is TxDOT MS4 potential source for impairment?	TxDOT BMPs
TBD	1007B, 1007C, 1007E, 1007L	Brays Bayou in the Houston-Galveston Region	Bacteria	TBD	9/15/2010	BIG I-Plan approved 01/30/13	TBD	TBD
TBD	1007S, 1007T, 1007U	Brays Bayou—Addendum Houston-Galveston Region	Bacteria	TBD	4/13/2017	Subsumed in BIG I-Plan approved 01/30/13	TBD	TBD
TBD	1013, 1013A, 1013C, 1014, 1014A, 1014B, 1014E, 1014H, 1014K, 1014L, 1014M, 1014N, 1014O, 1017, 1017A, 1017B, 1017D, 1017E	Buffalo and Whiteoak Bayous in the Houston-Galveston Region	Bacteria	TBD	4/8/2009	BIG I-Plan approved 01/30/13	TBD	TBD
TBD	1017C	Houston-Galveston Region	Bacteria	TBD	4/13/2017	NA	TBD	TBD
TBD	1017F	Houston-Galveston Region	Bacteria	TBD	15-Apr	NA	TBD	TBD
TBD	1209C, 1209D, 1209L	Carters Creek Watershed	Bacteria	TBD	8/22/2012	8/22/2012	TBD	TBD
TBD	1101, 1102	Clear Creek Above and Below Tidal	Chlordane	TBD	1/17/2001	9/14/2001	TBD	TBD
TBD	1101, 1102	Clear Creek Above and Below Tidal	Trichloroethane, Dichloroethane	TBD	Original 02/9/01; Revised 06/14/02	10/12/2001	TBD	TBD
TBD	1101, 1101B, 1101D, 1102, 1102A, 1102B, 1102C, 1102D, 1102E	Clear Creek and Tributaries in the Houston-Galveston Region	Bacteria	TBD	9/10/2008	BIG I-Plan approved 01/30/13	TBD	TBD

EXISTING APPROVED TMDLS AND IMPLEMENTATION PLANS (I-Plans) WITH TXDOT'S BMPS

District Name	Segment Number	Segment Name	Pollutant of Concern	TMDL Project Name	TMDL Adopted	IP Approval	Is TxDOT MS4 potential source for impairment?	TxDOT BMPs
TBD	1101A, 1101C, 1101E, and 1102G	Houston-Galveston Region	Bacteria	TBD		NA	TBD	TBD
TBD	1426	Colorado River Below E.V. Spence Reservoir	Chloride, Total Dissolved Solids	TBD	2/7/2007	10/10/2007	TBD	TBD
TBD	0822A, 0822B	Cottonwood Branch and Grapevine Creek in the Greater Trinity Region	Bacteria	TBD	9/21/2011	Greater Trinity I-Plan approved 12/15/2013	TBD	TBD
TBD	805, 841	Dallas Legacy	Chlordane, DDD, DDE, DDT, PCBs, Chlordane, Dieldrin, Heptachlor epoxide	TBD	12/20/2000	8/10/2001	TBD	TBD
TBD	1103, 1103A, 1103B, 1103C, 1104	Dickinson Bayou	Bacteria	TBD	2/8/2012	1/15/2014	TBD	TBD
TBD	1103, 1103D, 1103E	Dickinson Bayou Addendum	Bacteria	TBD	Submitted via WQMP 07/16	Same activities as in I-Plan approved 01/15/14	TBD	TBD
TBD	1006F, 1006H, 1007F, 1007G, 1007H, 1007I, 1007K, 1007M, 1007O, 1007R	Eastern Houston in the Houston-Galveston Region	Bacteria	TBD	9/15/2010	BIG I-Plan approved 01/30/13	TBD	TBD
TBD	1007V	Houston-Galveston Region	Bacteria-	TBD		NA	TBD	TBD
TBD	1411	E.V. Spence	Sulfate, TDS	TBD	Original 11/17/00; Revised 06/14/02	8/10/2001	TBD	TBD

EXISTING APPROVED TMDLS AND IMPLEMENTATION PLANS (I-Plans) WITH TXDOT'S BMPS

District Name	Segment Number	Segment Name	Pollutant of Concern	TMDL Project Name	TMDL Adopted	IP Approval	Is TxDOT MS4 potential source for impairment?	TxDOT BMPs
TBD	806, 829	Fort Worth Legacy	Chlordane, DDE, PCBs, Chlordane, Dieldrin	TBD	11/17/2000	7/13/2001	TBD	TBD
TBD	1428C	Gilleland Creek	Bacteria	TBD	8/8/2007	2/9/2011	TBD	TBD
TBD	1016, 1016A, 1016B, 1016C, and 1016D	Greens Bayou in the Houston-Galveston Region	Bacteria	TBD	6/2/2010	BIG I-Plan approved 01/30/13	TBD	TBD
TBD	1806	Guadalupe River Above Canyon Lake	Bacteria	TBD	7/25/2007	8/31/2011	TBD	TBD
TBD	1006D, 1006I, 1006J	Halls Bayou in the Houston-Galveston Region	Bacteria	TBD	9/15/2010	BIG I-Plan approved 01/30/13	TBD	TBD
TBD	1001, 1005, 1006, 1007, 1013, 1014, 1016, 1017, 2426, 2427, 2428, 2429, 2430, 2436	Houston Ship Channel Nickel	Nickel	TBD	Original 08/11/00; Revised 06/14/02	7/13/2001	TBD	TBD
TBD	1403	Lake Austin	DO	TBD	11/17/2000	7/13/2001	TBD	TBD
TBD	1004E, 1008, 1008H, 1009, 1009C, 1009D, 1009E, 1010, and 1011	Lake Houston Upstream Watersheds in the Houston-Galveston Region	Bacteria	TBD	4/6/2011	BIG I-Plan approved 01/30/13	TBD	TBD
TBD	1008B, 1008C, 1008E, and 1011	Lake Houston Watersheds: Addendum 1 in the Houston-Galveston Region	Bacteria	TBD	Submitted via WQMP 10/13	Subsumed in BIG I-Plan approved 1/30/13	TBD	TBD

EXISTING APPROVED TMDLS AND IMPLEMENTATION PLANS (I-Plans) WITH TXDOT'S BMPS

District Name	Segment Number	Segment Name	Pollutant of Concern	TMDL Project Name	TMDL Adopted	IP Approval	Is TxDOT MS4 potential source for impairment?	TxDOT BMPs
TBD	403	Lake O' the Pines	DO	TBD	4/12/2006	7/9/2008	TBD	TBD
TBD	807	Lake Worth Watershed	PCBs	TBD	8/10/2005	8/23/2006	TBD	TBD
TBD	PCBs	Lake Worth Watershed Addendum	808	TBD	Submitted via WQMP 07/14	Same activities as in I-Plan approved 08/23/06	TBD	TBD
TBD	2110	Lower Sabinal River	nitrate-nitrogen	TBD	8/10/2005	8/23/2006	TBD	TBD
TBD	1901	Lower San Antonio River	Bacteria	TBD	8/20/2008	NA	TBD	TBD
TBD	0841, 0841B, 0841C, 0841E, 0841G, 0841H, 0841J, 0841L, 0841M, 0841R, 0841T, and 0841U	Greater Trinity Region	Bacteria	TBD		I-Plan approved 12/15/2013	TBD	TBD
TBD	2001, 2003	Mission and Aransas Rivers	Bacteria	TBD	5/25/2016	5/25/2016	TBD	TBD
TBD	0841F, 0841K, 0841N, 0841V	Mountain Creek Lake Upstream Watersheds in the Greater Trinity Region	Bacteria	TBD	11/2/2016	Subsumed in Greater Trinity I-Plan approved 12/15/13	TBD	TBD
TBD	1226, 1255	North Bosque River	Phosphorus	TBD	2/9/2001	12/13/2002	TBD	TBD
TBD	2482	Nueces Bay	Zinc in Oyster Tissue	TBD	11/1/2006	10/24/2007	TBD	TBD
TBD	0508, 0508A, 0508B, 0508C, 0511, 0511A, 0511B, 0511C, and 0511E	Orange County Watersheds	Bacteria, Dissolved Oxygen, pH	TBD	6/13/2007	8/5/2015	TBD	TBD

EXISTING APPROVED TMDLS AND IMPLEMENTATION PLANS (I-Plans) WITH TXDOT'S BMPS

District Name	Segment Number	Segment Name	Pollutant of Concern	TMDL Project Name	TMDL Adopted	IP Approval	Is TxDOT MS4 potential source for impairment?	TxDOT BMPS
TBD	2485	Oso Bay	Bacteria	TBD	8/22/2007	NA	TBD	TBD
TBD	2204	Petronila Creek Above Tidal	Chloride, Sulfate, Total Dissolved Solids	TBD	1/10/2007	10/10/2007	TBD	TBD
TBD	1002, 1003, 1004, 1004D	San Jacinto River, East and West Forks; Lake Houston; and Crystal Creek in the Houston-Galveston Region	Bacteria	TBD	8/24/2016	Subsumed in BIG I-Plan approved 1/30/13	TBD	TBD
TBD	1007A, 1007D, 1007N	Sims Bayou in the Houston-Galveston Region	Bacteria	TBD	9/15/2010	BIG I-Plan approved 01/30/13	TBD	TBD
TBD	1245	Upper Oyster Creek	Bacteria, DO	TBD	8/8/2007	1/15/2014	TBD	TBD
TBD	1910, 1910A, 1911	Upper San Antonio River	Bacteria	TBD	7/25/2007	4/6/2016	TBD	TBD
TBD	1910D, 1911B, 1911C, 1911D, 1911E	Upper San Antonio River, Addendum	Bacteria	TBD	Submitted via WQMP 04/16	Same activities as in I-Plan approved 04/06/16	TBD	TBD
TBD	2421, 2422, 2423, 2424, 2432, 2439	Upper Texas Coast Oyster Waters	Bacteria	TBD	8/20/2008	8/19/2015	TBD	TBD
TBD	2435OW	Upper Texas Coast Oyster Waters—Addendum II	Bacteria	TBD	Submitted via WQMP 01/12	Same activities as in I-Plan approved 08/19/15	TBD	TBD
TBD	2433OW, 2434OW	Upper Texas Coast Oyster Waters—Addendum III	Bacteria	TBD	Submitted via WQMP 04/12	Same activities as in I-Plan approved 8/19/15	TBD	TBD
TBD	805	Upper Trinity River in the Greater Trinity Region	Bacteria	TBD	5/11/2011	Greater Trinity	TBD	TBD

Table 7.3

ANALYSES OF TXDOT MS4 DISCHARGING DIRECTLY INTO IMPAIRED WATER BODIES (IWB)					
TxDOT District	303(d) Listed Stream	Stream Segment	Pollutant of Concern	Does TxDOT MS4 discharge directly into IWB?	River Basin
List Compiled From the 2014 Texas Integrated Report - Texas 303(d) List (Category 5)					
Amarillo	Canadian River Above Lake Meredith	0103	Chloride	TBD	Canadian
Austin	Somerville Lake	1212	pH	TBD	Brazos
	San Gabriel River	1214	Chloride, Sulfate	TBD	
	Brushy Creek	1244	Bacteria	TBD	
	San Gabriel/North Fork San Gabriel	1248	TDS, Chloride	TBD	
	Lake Austin	1403	Depressed DO	TBD	Colorado
	Colorado River Below Town Lake	1428	Bacteria	TBD	
	Town Lake	1429	Bacteria, impaired macrobenthic community	TBD	
	Canyon Lake	1805	Mercury in edible tissue	TBD	Guadalupe
Beaumont	Neches River Below Lake Palistine	0604	Dioxin and mercury in edible tissue	TBD	Neches
	Pine Island Bayou	0607	Bacteria, Depressed DO	TBD	
	Village Creek	0608	Mercury in edible tissue	TBD	
	Hillebrandt Bayou	0704	Bacteria, Depressed DO	TBD	Neches-Trinity Coastal
	Cedar Bayou Tidal	0901	Bacteria, dioxin in edible tissue, PCBs in edible tissue	TBD	Trinity San Jacinto Coastal
Bryan	Navasota River Below Lake Limestone	1209	Bacteria	TBD	Brazos
Corpus Christi	Corpus Christi Bay	2481	Bacteria	TBD	Bays and Estuaries
	Oso Bay	2485	Bacteria, Depressed DO	TBD	
	Laguna Madre	2491	Bacteria, Depressed DO	TBD	
	Gulf Waters	2501	Bacteria, mercury in edible tissue	TBD	

ANALYSES OF TXDOT MS4 DISCHARGING DIRECTLY INTO IMPAIRED WATER BODIES (IWB)					
TxDOT District	303(d) Listed Stream	Stream Segment	Pollutant of Concern	Does TxDOT MS4 discharge directly into IWB?	River Basin
Dallas	Lake Tawakoni	0507	pH	TBD	Sabine
	Trinity River above Lake Livingston	0804	Dioxin in edible tissue, PCBs in edible tissue	TBD	Trinity
	Upper Trinity River	0805	Dioxin in edible tissue, PCBs in edible tissue	TBD	
	East Fork Trinity River	0819	Sulfate, TDS	TBD	
	Lavon Lake	0821	Bacteria	TBD	
	Lower West Fork Trinity River	0841	Bacteria, dioxin in edible tissue, PCBs in edible tissue	TBD	
El Paso	Rio Grande Below Riverside Diversion Dam	2307	Bacteria, Chloride, TDS	TBD	Rio Grande
	Rio Grande Above International Dam	2314	Bacteria	TBD	
Fort Worth	Trinity River above Lake Livingston	0804	Dioxin in edible tissue, PCBs in edible tissue	TBD	Trinity
	Upper Trinity River	0805	Dioxin in edible tissue, PCBs in edible tissue	TBD	
	West Fork Trinity River Below Lake Worth	0806	Bacteria, dioxin in edible tissue, PCBs in edible tissue	TBD	
	East Fork Trinity River	0819	Sulfate, TDS	TBD	
	Lavon Lake	0821	Bacteria	TBD	
	Clear Fork Trinity River Below Benbrook Lake	0829	Dioxin in edible tissue, PCBs in edible tissue	TBD	
	Joe Pool Lake	0838	Bacteria	TBD	
	Lower West Fork Trinity River	0841	Bacteria, dioxin in edible tissue, PCBs in edible tissue	TBD	

ANALYSES OF TXDOT MS4 DISCHARGING DIRECTLY INTO IMPAIRED WATER BODIES (IWB)					
TxDOT District	303(d) Listed Stream	Stream Segment	Pollutant of Concern	Does TxDOT MS4 discharge directly into IWB?	River Basin
Houston	Cedar Bayou Tidal	0901	Bacteria, dioxin in edible tissue, PCBs in edible tissue	TBD	Trinity-San Jacinto Coastal
	San Jacinto River Tidal	1001	Chlordane, dieldrin, dioxin, heptachlor epoxide, and PCBs in edible tissue	TBD	
	Lake Houston	1002	Bacteria, mercury in edible tissue	TBD	
	East Fork San Jacinto River	1003	Bacteria	TBD	
	West Fork San Jacinto River	1004	Bacteria	TBD	
	Houston Ship Channel/San Jacinto River Tidal	1005	Chlordane, dieldrin, dioxin, heptachlor epoxide, and PCBs in edible tissue	TBD	San Jacinto
	Houston Ship Channel Tidal	1006	Bacteria, Chlordane, dieldrin, dioxin, heptachlor epoxide, and PCBs in edible tissue, toxicity in sediment	TBD	
	Houston Ship Channel/Buffalo Bayou Tidal	1007	Bacteria, dioxin in edible tissue, PCBs in edible tissue, toxicity in sediment, Depressed DO	TBD	
	Spring Creek	1008	Depressed DO	TBD	
	Buffalo Bayou Tidal	1013	Depressed DO	TBD	
	Buffalo Bayou Above Tidal	1014	Depressed DO, impaired fish and macrobenthic communities	TBD	
	Greens Bayou Above Tidal	1016	Depressed DO	TBD	

ANALYSES OF TXDOT MS4 DISCHARGING DIRECTLY INTO IMPAIRED WATER BODIES (IWB)					
TxDOT District	303(d) Listed Stream	Stream Segment	Pollutant of Concern	Does TxDOT MS4 discharge directly into IWB?	River Basin
	Whiteoak Bayou Above Tidal	1017	Depressed DO	TBD	
	Clear Creek Tidal	1101	Dioxin and PCBs in edible tissue, Depressed DO	TBD	San Jacinto-Brazos Coastal
	Clear Creek Above Tidal	1102	Bacteria, PCBs in edible tissue	TBD	
	Dickinson Bayou Tidal	1103	Bacteria, dioxin in edible tissue, PCBs in edible tissue, Depressed DO	TBD	
	Bastrop Bayou Tidal	1105	Bacteria, Depressed DO	TBD	
	Armand Bayou Tidal	1113	Bacteria, dioxin and PCBs in edible tissue, Depressed DO, impaired fish and macrobenthic communities	TBD	
	Upper Oyster Creek	1245	Bacteria	TBD	
	Upper Galveston Bay	2421	Dioxin and PCBs in edible tissue	TBD	Bays and Estuaries
	West Bay	2424	Bacteria, Dioxin and PCBs in edible tissue, Depressed DO,	TBD	
	Clear Lake	2425	Bacteria, Dioxin and PCBs in edible tissue	TBD	
	Tabbs Bay	2426	Dioxin and PCBs in edible tissue	TBD	
	San Jacinto Bay	2427	Dioxin and PCBs in edible tissue	TBD	

ANALYSES OF TXDOT MS4 DISCHARGING DIRECTLY INTO IMPAIRED WATER BODIES (IWB)					
TxDOT District	303(d) Listed Stream	Stream Segment	Pollutant of Concern	Does TxDOT MS4 discharge directly into IWB?	River Basin
	Black Duck Bay	2428	Dioxin and PCBs in edible tissue	TBD	
	Scott Bay	2429	Dioxin and PCBs in edible tissue	TBD	
	Burnett Bay	2430	Dioxin and PCBs in edible tissue	TBD	
	Barbours Cut	2436	Dioxin and PCBs in edible tissue	TBD	
	Bayport Channel	2438	Dioxin and PCBs in edible tissue	TBD	
Laredo	Rio Grande Below Amistad Reservoir	2304	Bacteria	TBD	
Lubbock	Double Mountain Fork Brazos River	1241	Bacteria	TBD	Brazos
Odessa	Colorado River Below Lake J.B. Thomas	1412	Bacteria	TBD	Colorado
Pharr	Arroyo Colorado Tidal	2201	Bacteria, DDE, mercury, and PCBs in edible tissue Depressed DO	TBD	Nueces-Rio Grande Coastal
	Arroyo Colorado Above Tidal	2202	Bacteria, mercury in edible tissue, PCBs in edible tissue	TBD	
	Rio Grande Below Falcon Reservoir	2302	Bacteria	TBD	Rio Grande
	Laguna Madre	2491	Bacteria, Bacteria (oyster waters), Depressed DO	TBD	Bays and Estuaries
	Brownsville Ship Channel	2494	Bacteria	TBD	
	Gulf Waters	2501	Bacteria, mercury in edible tissue	TBD	Gulf of Mexico
San Angelo	Concho River	1421	Bacteria, Depressed DO	TBD	Brazos

ANALYSES OF TXDOT MS4 DISCHARGING DIRECTLY INTO IMPAIRED WATER BODIES (IWB)					
TxDOT District	303(d) Listed Stream	Stream Segment	Pollutant of Concern	Does TxDOT MS4 discharge directly into IWB?	River Basin
San Antonio	Medina River Below Medina Diversion Lake	1903	Bacteria	TBD	San Antonio
	Lower Leon Creek	1906	Depressed DO, PCBs in edible tissue	TBD	
	Upper Cibolo Creek	1908	Bacteria, chloride	TBD	
	Salado Creek	1910	Bacteria, impaired fish and macrobenthic communities, Depressed DO	TBD	
	Upper San Antonio River	1911	Bacteria, impaired fish community	TBD	
Tyler	Lake Palestine	0605	Bacteria, pH, Depressed DO	TBD	Neches
	Angelina River Above Sam Rayburn Reservoir	0611	Bacteria	TBD	
Waco	Nolan Creek/South Nolan Creek	1218	Bacteria	TBD	Brazos
	North Bosque River	1226	Bacteria	TBD	
Wichita Falls	Wichita River Below Diversion Lake	0214	Bacteria	TBD	Red

Table 7.4

Pollutant of Concern (POC)*, Targeted Controls, Benchmark Goals and Implementation Schedules for Discharges to Water Quality Impaired Water Bodies with an Approved TMDL

POC*	Focused Effort/Additional BMPs	Benchmark Goals/Measurable Goals	Implementation Schedules
Total Dissolved Solid (TDS)**	Additional street sweeping and storm sewer clean out. OR Retrofit/install Permeable Friction Course (PFC) in affected ROW areas. OR Apply Implementation Plan assigned to TxDOT	Document the additional street sweeping or storm sewer clean out or retrofitting/installation of PFC (Projects of this type that have gone to letting for the reporting period) OR Apply WLA I-Plan	As needed or specify in WLA I-Plan. Report (Projects of this type that have gone to letting for the reporting period) in annual report.
Copper in water**	Install Filter Strips, Grassy Swale, PFC, or permanent structural controls or low impact development (LID) in affected ROW areas. OR Apply Implementation Plan assigned to TxDOT	Document the retrofitting/installation of additional controls OR Apply WLA I-Plan	As needed or specify in WLA I-Plan. Report (Projects of this type that have gone to letting for the reporting period) in annual report
Chloride**	Install berm perimeter for deicing rock pile or store materials inside cover area. OR Apply Implementation Plan assigned to TxDOT	Document the retrofitting/installation of additional controls. OR Apply WLA I-Plan	As needed or specify in WLA I-Plan. Report (Projects of this type that have gone to letting for the reporting period) in annual report
Bacteria**	Collaboration with other MS4 entities as needed. OR Public education outreach OR Additional research studies OR Apply Implementation Plan assigned to TxDOT	Document the collaboration efforts. OR Types of public outreach OR Results of research studies OR Apply WLA I-Plan	As needed or specify in WLA I-Plan. Report (Projects of this type that have gone to letting for the reporting period) in annual report
Dissolved Oxygen (DO)	Not applicable	Not applicable	Not applicable
Sulfate	Not applicable	Not applicable	Not applicable
Aluminum in water	Not applicable	Not applicable	Not applicable
Selenium in water	Not applicable	Not applicable	Not applicable
Mercury in tissue	Not applicable	Not applicable	Not applicable
Dioxin in tissue	Legacy –Not applicable	Legacy –Not applicable	Legacy –Not applicable
PCBs	Legacy –Not applicable	Legacy –Not applicable	Legacy –Not applicable
Toxicity in Sediment	Not applicable	Not applicable	Not applicable
pH	Not applicable	Not applicable	Not applicable

*List of POCs came from 2010 TCEQ 303(d) Category 5 list.

** POC that TxDOT MS4 may have potential to contribute to the impairment.

8.0 DISCHARGES TO THE EDWARDS AQUIFER RECHARGE ZONE

8.1 Permit Requirement

Discharges of stormwater from the MS4, and other non-stormwater discharges, are not authorized by this permit where those discharges are prohibited by 30 TAC Chapter 213 (Edwards Aquifer Rule). New discharges located within the Edwards Aquifer Recharge Zone, or within that area upstream from the recharge zone and defined as the Contributing Zone, must meet all applicable requirements of, and operate according to, 30 TAC Chapter 213 (Edwards Aquifer Rule) in addition to the provisions and requirements of this permit.

For existing discharges, the requirements of the agency-approved Water Pollution Abatement Plan (WPAP) under the Edwards Aquifer Rule are in addition to the requirements of this permit. BMPs and maintenance schedules for structural stormwater controls, for example, may be required as a provision of the rule.

The permittee's agency-approved WPAPs that are required by the Edwards Aquifer Rule must be referenced in the SWMP. Additional agency-approved WPAPs received after the SWMP submittal must be recorded in the annual report for each respective permit year. For discharges originating from the MS4 permitted area, and located on or within ten stream miles upstream of the Edwards Aquifer Recharge Zone, applicants must also submit written notification to the appropriate TCEQ regional office.

Counties: Comal, Bexar, Medina, Uvalde, and Kinney Contact:

*TCEQ, Water Program Manager
San Antonio Regional Office 14250
Judson Road*

*San Antonio, Texas 78233-4480
(210) 490-3096*

Counties: Williamson, Travis, and Hays

Contact:

*TCEQ, Water Program Manager
Austin Regional Office
12100 Park 35 Circle, Bldg. A, Rm 179
Austin, Texas 78753
(512) 339-2929*

8.2 Implementation Overview

All the special precautions and requirements of the Edwards Rules are specifically related to the type of geology in the area of proposed construction. These geologic conditions are rare and are only present in isolated areas of the state's central region.

For purposes of implementation of this SWMP, TxDOT makes clear that the Edwards Rules only apply to three TxDOT Districts. The boundaries of these districts have at least one roadway corridor that coincides with the TCEQ designation of Edwards Aquifer Recharge Zone (RZ) or Contributing Zone (CZ) boundaries. Figure 8.1 displays the Edwards Aquifer Zones.

Below are the TxDOT Districts and the Counties of those Districts where the Edwards Rules apply:

Austin District – Williamson, Travis and Hays

San Antonio District – Comal, Bexar, Medina and Uvalde

Laredo District - Kinney (not in MS4 Area)

Within the areas listed above, if there is construction proposed in TxDOT ROW that is greater than a five-acre disturbance on the CZ; or any soil disturbance or regulated activity on the Recharge Zone; an application and coordinating documentation will be provided to the designated TCEQ Region office for review. This document can be either a Water Pollution Abatement Plan (WPAP); or if over the CZ a Contributing Zone Plan (CZP). These documents will describe the project proposed, the water quality mitigation, the maintenance of both temporary and permanent controls or the justification for any exception request thereof. The project will not commence until approved by the Executive Director through the Region office review.

8.3 Best Management Practices (BMP) and Measurable Goals

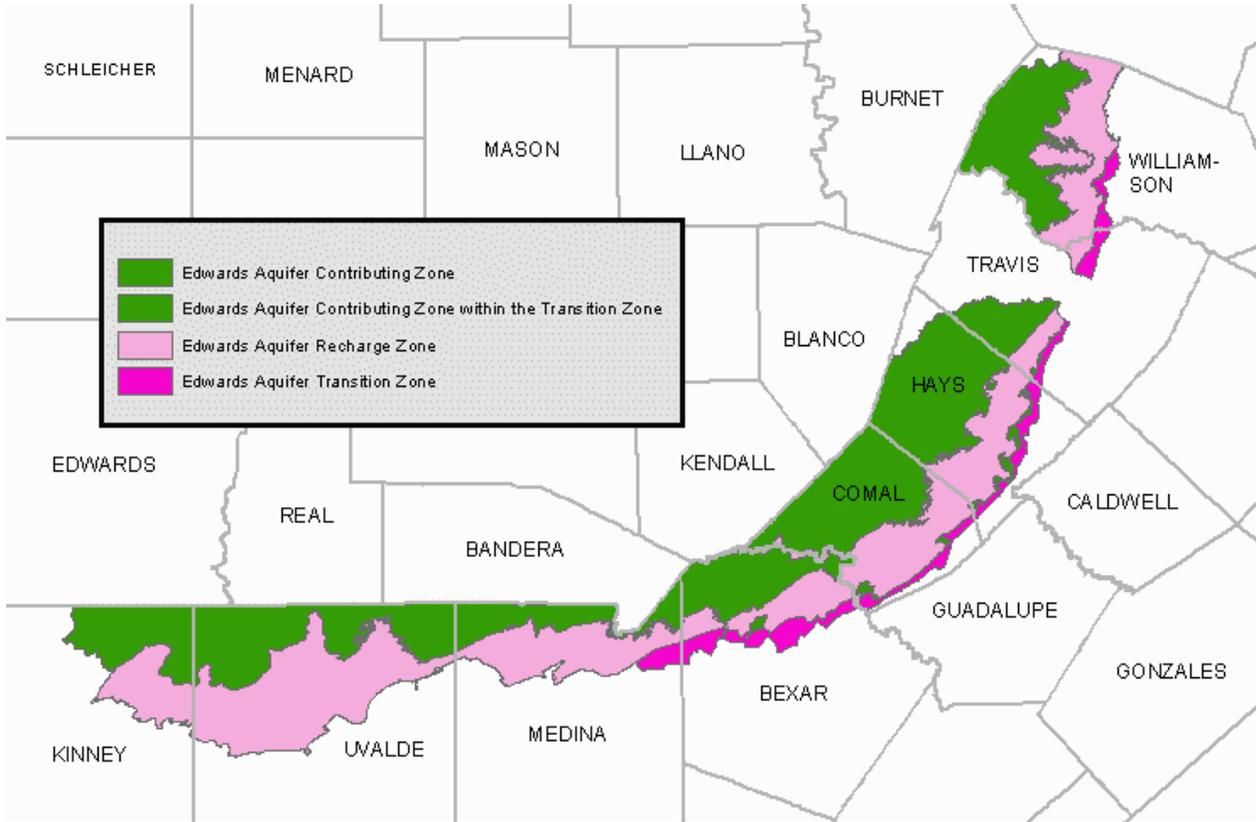
The project site will include BMPs to limit Total Suspended Solids (TSS). The TSS is calculated, using the prescribed methods within the TCEQ Guidance Manual (RG-348), for the site conditions and drainage character involved, requiring at least 80% TSS removal based on the new impervious cover proposed. Other additional or more specific practices may be imposed by TCEQ reviewers if the work is proximal to areas of exceptional sensitivity to ground water or endangered species.

The BMPs utilized may be any single or combination of devices listed in the TCEQ Guidance Manual that are approved mitigation techniques. Examples of temporary controls would include silt fence, rock berms, gabions, temporary traps or detention basins and temporary seeding (hydromulch). Permanent controls would include permanent wet ponds, filtration basins, detention ponds, grassy swales, vegetation filter strips, bio-filtration, various filtering devices built in-line of storm drains, hazardous material traps and porous pavement surfaces. In addition to gaining approval for the type of BMPs chosen, TxDOT will also commit to maintaining the effective operation of these permanent controls and provide periodic inspections for ongoing functionality.

The WPAP or CZP will be approved by the TCEQ. The approval letter from TCEQ represents that if all directives are followed, there is no foreseeable significant impact to water quality.

Edwards Aquifer Recharge Zone Metadata

Figure 8.1



8.3.1 TxDOT Agency Approved WPAPs

The following is a list of TxDOT Agency approved WPAPs:

Figure 8.2

TxDOT AGENCY APPROVED WPAPs					
EDWARDS ID	PLAN TYPE	REC DATE	REGULATED ENTITY NAME	TYPE OF RESPONSE	RESPONSE DATE
00011401	WPAP	1/14/00	BLANCO ROAD EXTENSION FM 2696	Approved	3/21/00
99081101B	WPAP-MOD	3/1/00	CEDAR PARK CAMPUS	Approved	4/25/00

TxDOT AGENCY APPROVED WPAPs					
EDWARDS ID	PLAN TYPE	REC DATE	REGULATED ENTITY NAME	TYPE OF RESPONSE	RESPONSE DATE
00040401	WPAP	4/4/00	I H 35 MAINLANES WIDENING	Approved	5/5/00
00072401	WPAP	7/24/00	LOOP 1 STATE HIGHWAY 45 FRONTAGE ROAD	Approved	9/25/00
00091901	WPAP	9/19/00	COUNTY ROAD 271 AT MEDINA RIVER	Approved	10/19/00
00101201	WPAP	10/12/00	LOOP 1604 FROM FM 1535 TO BITTERS ROAD	Approved	12/6/00
00121201	WPAP	12/12/00	FM 1325	Approved	1/22/01
01031301	WPAP	3/13/01	RM 620 WIDENING CSJ 0683 01 066	Approved	5/1/01
01041901	WPAP	4/19/01	US 281 SOUTHBOUND FRONTAGE ROADS	Approved	5/18/01
01051404	WPAP	5/14/01	FM 1863	Approved	6/15/01
01073003	WPAP	7/30/01	LOOP 1 SH 45 INTERCHANGE SECTION 3 PHASE 1 EAST	Approved	3/14/02
00011401A	WPAP-MOD	8/7/01	FM 2696 BLANCO ROAD	Approved	9/13/01
01091401	WPAP	9/14/01	FM 306 AT HOFFMAN LANE	Approved	2/22/02
01100106	WPAP	10/1/01	STATE HIGHWAY 45 SECTION 4A PHASE II	Approved	2/22/02
01122802	WPAP	12/28/01	FM 3406	Approved	2/1/02
00101201A	WPAP-MOD	2/4/02	LOOP 1604 FROM FM 1535 TO BITTERS ROAD	Approved	3/14/02
02022002	WPAP	2/20/02	RM 2244 WIDENING PROJECT	Approved	4/12/02
02051701	WPAP	5/17/02	LOOP 1 STATE HIGHWAY 45 INTERCHANGE PHASE 1 WEST	Approved	8/14/02
02052101	WPAP	5/21/02	LOOP 1 MAIN LANES	Approved	8/20/02
02121101	WPAP	12/11/02	LOOP 1 EXTENSION PARMER LANE TO TANDEM BOULEVARD	Approved	4/1/03
03031203	WPAP	3/12/03	LOOP 1 EXTENSION SECTION 2	Approved	5/27/03
03050901	WPAP	5/9/03	SH 45 SECTION VII	Approved	9/12/03
03060201	WPAP	6/2/03	STATE HIGHWAY 130 SEGMENT 1 SECTION 1	Approved	9/12/03
03060501	WPAP	6/5/03	SH 45 SECTION 8 - PARMER LANE TO RIDGELINE BLVD	Approved	9/29/03

TxDOT AGENCY APPROVED WPAPs					
EDWARDS ID	PLAN TYPE	REC DATE	REGULATED ENTITY NAME	TYPE OF RESPONSE	RESPONSE DATE
03060502	WPAP	6/5/03	RM 1431 ACCELERATION DECELERATION LANES	Approved	9/12/03
03072101	WPAP	7/21/03	US 183 SECTION 9	Approved	12/31/03
03082801	WPAP	8/28/03	STATE HIGHWAY 127	Approved	12/17/03
92022701A	WPAP-MOD	9/12/03	FM 734 LEFT TURN LANE	Approved	12/18/03
03091502	WPAP	9/15/03	STATE HIGHWAY 130 SEGMENT 1 PHASE 2	Approved	12/3/03
04030303	WPAP	3/3/04	STATE HIGHWAY 46	Approved	4/20/04
04031002	WPAP	3/10/04	LOOP 1604	Approved	5/13/04
04031101	WPAP	3/11/04	RM 12	Approved	4/26/04
04081010	WPAP	8/10/04	RM 1051	Approved	11/10/04
04101401	WPAP	10/14/04	STATE HIGHWAY 29 CSJ 0337-01- 029	Approved	12/23/04
04031002A	WPAP-MOD	11/8/04	LOOP 1604 AT BULVERDE ROAD	Approved	12/3/04
05012101	WPAP	1/21/05	RM 620 CULVERT	Approved	4/1/05
05030401	WPAP	3/4/05	STATE HIGHWAY 29	Approved	5/17/05
05031001	WPAP	3/10/05	US 290 WIDENING	Approved	5/16/05
05032910	WPAP	3/29/05	US 281	Approved	7/26/05
05042510	WPAP	4/25/05	FM 1863	Approved	6/14/05
05052301	WPAP	5/23/05	STATE HIGHWAY 71 IMPROVEMENTS	Approved	9/22/05
05060901	WPAP	6/9/05	IH 35 FRONTAGE ROAD AND OVERPASS	Approved	8/17/05
05072501	WPAP	7/25/05	IH 35 FRONTAGE ROADS @ ONION BRANCH	Approved	8/15/05
05072502	WPAP	7/25/05	IH 35 SOUTHBOUND FRONTAGE ROAD @ SOUTH FORK SAN GABRIEL RIVER	Approved	8/29/05
05090110	WPAP	9/1/05	LOOP 1604 TOLL STARTER SYSTEM	Approved	6/5/06
05032910B	WPAP-MOD	11/28/05	US 281	Approved	6/5/06
06010601	WPAP	1/6/06	RM 2243	Approved	4/14/06

TxDOT AGENCY APPROVED WPAPs					
EDWARDS ID	PLAN TYPE	REC DATE	REGULATED ENTITY NAME	TYPE OF RESPONSE	RESPONSE DATE
06020302	WPAP	2/3/06	RM 3406 @ CREEK BEND BLVD	Approved	4/12/06
05030310A	WPAP	2/17/06	FM 1535	Approved	5/11/06
06031310	WPAP	3/13/06	STATE HIGHWAY 173 @ CR 241 AND CR 247	Approved	4/12/06
06042710	WPAP	4/27/06	FM 1283	Approved	6/27/06
06051810	WPAP	5/18/06	US 281 @ OVERLOOK PARKWAY	Approved	7/13/06
06060110	WPAP	6/1/06	STATE HIGHWAY 16 @ FM 1560 CSJ 0291-10-090	Approved	7/31/06
06092810	WPAP	9/28/06	STATE HIGHWAY 46	Approved	11/27/06
07031601	WPAP	3/16/07	IH 35 AT SH 29 TURNAROUNDS	Approved	4/25/07
07041610	WPAP	4/16/07	IH 10 LOOP 1604 SOUTH TO TRANSITION ZONE	Approved	6/20/07
07072301	WPAP	7/23/07	IH 35 @ RM 620 BRIDGE TURNAROUND	Approved	9/7/07
07081310	WPAP	8/13/07	SH 46 AT RM 2722 IMPROVEMENTS	Approved	10/22/07
08011001A	WPAP	1/15/08	RM 620 IMPROVEMENTS	Approved	2/29/08
08011001B	WPAP	1/15/08	RM 620 IMPROVEMENTS	Approved	3/3/08
08011001C	WPAP	1/15/08	RM 620 IMPROVEMENTS	Approved	3/3/08
08012910	WPAP	1/29/08	FM 2696 GLADE CROSSING TO WEST OAK ESTATES	Approved	4/7/08
08090501	WPAP	9/5/08	IH 35 NORTHBOUND ACCESS RAMP MODIFICATIONS	Approved	10/10/08
08090504	WPAP	9/5/08	FM 2338 IMPROVEMENTS - FM 3405 TO D B WOOD RD	Approved	11/3/08
08090810	WPAP	9/8/08	IH 10 EAST BOUND FRONTAGE ROAD AT LEON CREEK	Approved	10/27/08
08102201	WPAP	10/22/08	IH 35 AT LAKEWAY DRIVE	Approved	12/31/08
05042510A	WPAP-MOD	4/9/09	FM 1863	Approved	5/11/09
10021101	WPAP	2/11/10	US 290 LOOP 1 DIRECT CONNECT RAMPS	Approved	4/22/10
09012702A	WPAP	3/5/10	IH 35 NORTHBOUND FRONTAGE ROAD	Approved	4/29/10

TxDOT AGENCY APPROVED WPAPs					
EDWARDS ID	PLAN TYPE	REC DATE	REGULATED ENTITY NAME	TYPE OF RESPONSE	RESPONSE DATE
07120602A	WPAP-MOD	3/26/10	FM 971	Approved	5/5/10
10052401	WPAP	5/24/10	RM 12 IMPROVEMENTS	Approved	6/29/10
	WPAP	3/2/11	SH 29 at Cimarron Hill	Approved	4/20/11
	WPAP	2/17/11	RM 620 Improvements	Approved	4/28/11
	WPAP	7/21/11	SH 127	Approved	9/7/11
	WPAP-MOD	7/28/11	SH 45 O'Conner Drive	Approved	9/9/11
	WPAP	7/7/11	FM 1626	Approved	9/21/11
	WPAP	8/11/11	Loop 337 at Ridge Hill	Approved	10/11/11
	WPAP	10/31/11	Loop 1604 at Vance Jackson	Approved	12/13/11
	WPAP-MOD	2/29/12	IH 35 Northbound frontage	Approved	4/9/12
	WPAP	7/2/12	SH 195 CR 240 to IH 35	Approved	9/11/12
	WPAP	7/19/12	FM 306	Approved	9/14/12
	WPAP-MOD	11/26/12	IH 10 LOOP 1604 SOUTH TO TRANSITION ZONE	Approved	1/7/13
	WPAP	2/11/13	RM 12 at Oakwood loop	Approved	3/21/13
	WPAP	2/14/13	FM 306 at Hunter road	Approved	4/4/13
	WPAP	5/3/13	North Walnut Ave	Approved	6/18/13
	WPAP	3/4/13	Loop 1 Shared Use Path	Approved	7/2/13
	WPAP	6/3/13	FM 1626	Approved	9/6/13
	WPAP	11/1/13	IH 35 ramp reversal	Approved	4/16/14
	WPAP	2/10/14	RM 967	Approved	4/10/14
	WPAP	3/5/14	RM 1431 Diverging diamond intersection	Approved	5/28/14
	WPAP	4/9/14	Spur 53	Approved	5/29/14
	WPAP	2/12/14	Loop 1 shared use path at 360	Approved	6/3/14
	WPAP	3/21/14	FM 1460	Approved	7/18/14
	WPAP	5/22/14	RM 12 Hugo Road to Pioneer Trail	Approved	8/27/14

TxDOT AGENCY APPROVED WPAPs					
EDWARDS ID	PLAN TYPE	REC DATE	REGULATED ENTITY NAME	TYPE OF RESPONSE	RESPONSE DATE
	WPAP	6/26/14	FM 487	Approved	9/10/14
	WPAP	4/22/14	SH 127 at Frio River	Approved	9/11/14
	WPAP	1/14/15	SH45 at Pearson Ranch Road	Approved	2/16/15
	WPAP	1/15/15	RM 12 Saddleridge Drive to Hugo Road	Approved	2/20/15
	WPAP	1/26/15	FM 3406	Approved	3/11/15
	WPAP	4/8/15	Loop 337 at Ridge Hill Drive	Approved	5/22/15
	WPAP	4/3/15	RM 2244 Redbud to Walsh Tarlton	Approved	6/8/15
	WPAP	7/17/15	Loop 360 at Loop 1	Approved	8/21/15

Definitions:
 WPAP=Water Pollution Abatement Plan
 WPAPMOD=Water Pollution Abatement Plan Modification

~~8.3.2 TxDOT Agency Approved WPAPs~~

TxDOT will submit any additional agency-approved WPAPs received after the SWMP submittal and approval in the annual report for each respective permit year.

8.4 Discharges to the Edwards Aquifer Recharge Zone Implementation Schedule Activity, and Measurable Goal

Table 8.1

DISCHARGES TO THE EDWARDS AQUIFER RECHARGE ZONE				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
Annually/Aug	8.3.12 -TxDOT Agency Approved WPAPs	Track Agency approved WPAPs	Submit a list of agency-approved WPAPs in the annual report for the respective permit year.	District ENV

9.0 EXPENDITURES

9.1 Permit Requirements

2. Statewide Annual Report

- (I) Annual expenditures for the reporting year, with a breakdown for the major elements of the SWMP, and the budget for the year (reporting year) following each annual report.

9.2 Program Overview

Allocations of funds for environmental controls, stormwater management, and training are projected to remain somewhat constant for the foreseeable future.

9.3 Best Management Practices and Measurable Goals

To be in compliance with the Expenditures requirement, TxDOT will include the following expenditures that are considered representatives of the funding spent on the stormwater management program:

MCM 1 – Public Education, Outreach, Participation, and Involvement;

MCM 2 – Illicit Discharge Detection and Elimination (IDDE);

MCM 3 – Construction Site Stormwater Runoff Control;

MCM 4 – Post-Construction Stormwater Management in Areas of New Development and Redevelopment;

MCM 5 – Pollution Prevention and Good Housekeeping for Transportation Operations;

The above expenditures and projected expenditures will be included in the annual report.

9.4 Expenditures Implementation Schedule Activity, and Measurable Goal

Table 9.1

EXPENDITURES				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
Annually/Aug	9.1-Expenditures	Develop the cost of expenditures representatives of the funding spent on the stormwater management program	Include the expenditures in the annual report.	ENV

10.0 OTHER REQUIREMENTS

10.1 Permit Requirements

By the end of the permit term, TxDOT must have completed and submitted to TCEQ original U.S. Geological Survey topographic quadrangle maps, or similar topographic maps with a scale between 1:10,000 and 1:24,000, which clearly delineates the following information:

- 1) All points of discharge from the MS4 area that were not submitted with the TxDOT MS4 permit application received by TCEQ on March 18, 2013; and
- 2) The location of major structural controls for stormwater discharge, including detention/retention ponds, major infiltration devices, etc.

The TxDOT will submit the requested information with the statewide annual reports over the five year permit term, such that each annual report submittal includes 20 percent of the information required in this section.

10.2 Program Overview

The mapping of all points of discharge from the MS4 and location of major structural controls for stormwater discharge will be performed by TxDOT ENV.

10.3 Best Management Practices and Measurable Goals

TxDOT will complete 20 percent of the mapping per permit year.

10.4 Other Requirements Implementation Schedule Activity, and Measurable Goals

Table 10.1

OTHER REQUIREMENTS - TOPOGRAPHIC MAPS				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
Annually/Aug	10.1-Point of Discharge Mapping	Map points of discharge from the MS4 area that were not submitted with the TxDOT MS4 permit application received by TCEQ on March 18, 2013.	Completion of 20 percent per year. Submit updated maps with the annual report.	ENV
	10.2-Major Structural Control Mapping	Map the location of major structural controls for stormwater discharge, including detention/retention ponds, major infiltration devices, etc.	Completion of 20 percent per year. Submit updated maps with the annual report.	ENV

11.0 LEGAL AUTHORITY

The Texas Transportation Commission, as provided in Article 6673, Vernon's Annotated Texas Statutes (V.A.T.S.), is authorized to plan, construct, operate, and maintain the state highways system in Texas. TxDOT is the state agency charged with carrying out this authorization. It is stated in Article 6674w-3, V.A.T.S., that TxDOT may acquire lands for the purpose, among many others, of draining any state highway. The statutes, along with rules set forth in the TAC, give TxDOT the power to construct, operate, and maintain a drainage system for state highways to accommodate the stormwater that originates within, and reaches highway ROWs.

TxDOT contracts with others for the construction, and sometimes for the maintenance, of these systems. Article 6674k, V.A.T.S., provides that the form of such contracts must be prescribed by the Texas Transportation Commission and may contain language advantageous to the state. The department may control these systems in this manner. Article 6673b, V.A.T.S., allows TxDOT to enter into necessary contracts with cities regarding various aspects of state highways within their corporate limits. TxDOT, through the TAC, has adopted rules governing these agreements. As a result, there are municipal maintenance agreements with cities that outline the responsibilities regarding, among other things, the maintenance of the highways, which would include the maintenance of the drainage systems appurtenant to the highways.

The TAC further provides that, when others desire to cross highways with a drainage facility, the design, construction, operation, and maintenance of the facility must be acceptable to TxDOT. The statutes of the State of Texas give TxDOT the power to control virtually all of the activities occurring within the ROW, but there is little, if any, authority to regulate discharges occurring off the ROW and flowing into state maintained drainage systems.

12.0 RESOURCES

TxDOT provides adequate funds, staff, equipment, and support capabilities to implement its activities under this SWMP. TxDOT spends program funding on litter removal, street sweeping, spot litter pick-up, "Adopt-a-Highway" programs, vegetation control, ditch maintenance, culvert and storm drain maintenance, stormwater pump station maintenance, and channel maintenance. The cost of TxDOT environmental and stormwater training classes are charged to the overhead accounts of each section trained and are not specifically tracked for stormwater costs. Public involvement and education programs are mostly funded by TxDOT's administration in Austin. In addition, some minor funding for employees has come out of the overhead of the district's Advance Transportation Planning section. All funding for stormwater maintenance costs, administration, training, and public involvement and education originates with the Texas Legislature and is allocated by this legislature to the department.

If warranted, District-specific controls will be developed and implemented in accordance with TxDOT's TPDES permit.

13.0 SWMP REVIEW AND UPDATES

The SWMP will be evaluated annually to determine the plan's effectiveness and efficiency. The SWMP will be revised as necessary to support needed changes based on the SWMP evaluation and/or requests made through permit requirements. The annual review of the current SWMP will be conducted in conjunction with the preparation of the annual report required under this permit. If required, the SWMPs will be revised by TxDOT during the term of the permit in accordance with the approved permit procedures.

If warranted, additional District-specific controls will be developed and implemented in accordance with TxDOT's TPDES Permit.

14.0 RECORDKEEPING

14.1 Permit Requirements

Section B. Recordkeeping

- 1) *The permittee shall retain all records, a copy of this TPDES permit, and records of all data used to complete the application for this permit and to satisfy the public participation requirements, for a period of at least three (3) years, or for the remainder of the term of this permit, whichever is longer. This period may be extended by a request from the executive director at any time.*
- 2) *The permittee shall submit the records to the executive director only when specifically asked to do so. The statewide SWMP required by this permit (including a copy of this permit) must be retained at a location accessible to the TCEQ.*
- 3) *The permittee shall make the application and the statewide SWMP available to the public at reasonable times during regular business hours, if requested to do so in writing. Copies of the SWMP must be made available within ten (10) working days of receipt of a written request. Other records must be provided in accordance with the Texas Public Information Act. However, all requests for records from federal facilities must be made in accordance with the Freedom of Information Act.*
- 4) *The period during which records are required to be kept shall be automatically extended to the date of the final disposition of any administrative or judicial enforcement action that may be instituted against the permittee.*

14.2 Program Overview

TxDOT retains the SWMP and all associated records for at least three years after coverage under this permit terminates.

14.3 Best Management Practices and Measurable Goals

TxDOT will maintain all SWMP records for a minimum of three years.

14.4 Recordkeeping Implementation Schedule Activity, and Measurable Goal

Table 14.1

RECORDKEEPING				
Permit Year/Month	BMP	Activity	Measurable Goals	Responsible Staff
Annually/Aug	14.3-Recordkeeping	Maintain records for three years. Make the permit application and SWMP available to the public during regular business hours. Keep records after three years during administrative or enforcement actions.	Maintain records as set forth. Submit records to TCEQ when asked by their Director. This BMP does not need to be reported in the annual report.	ENV

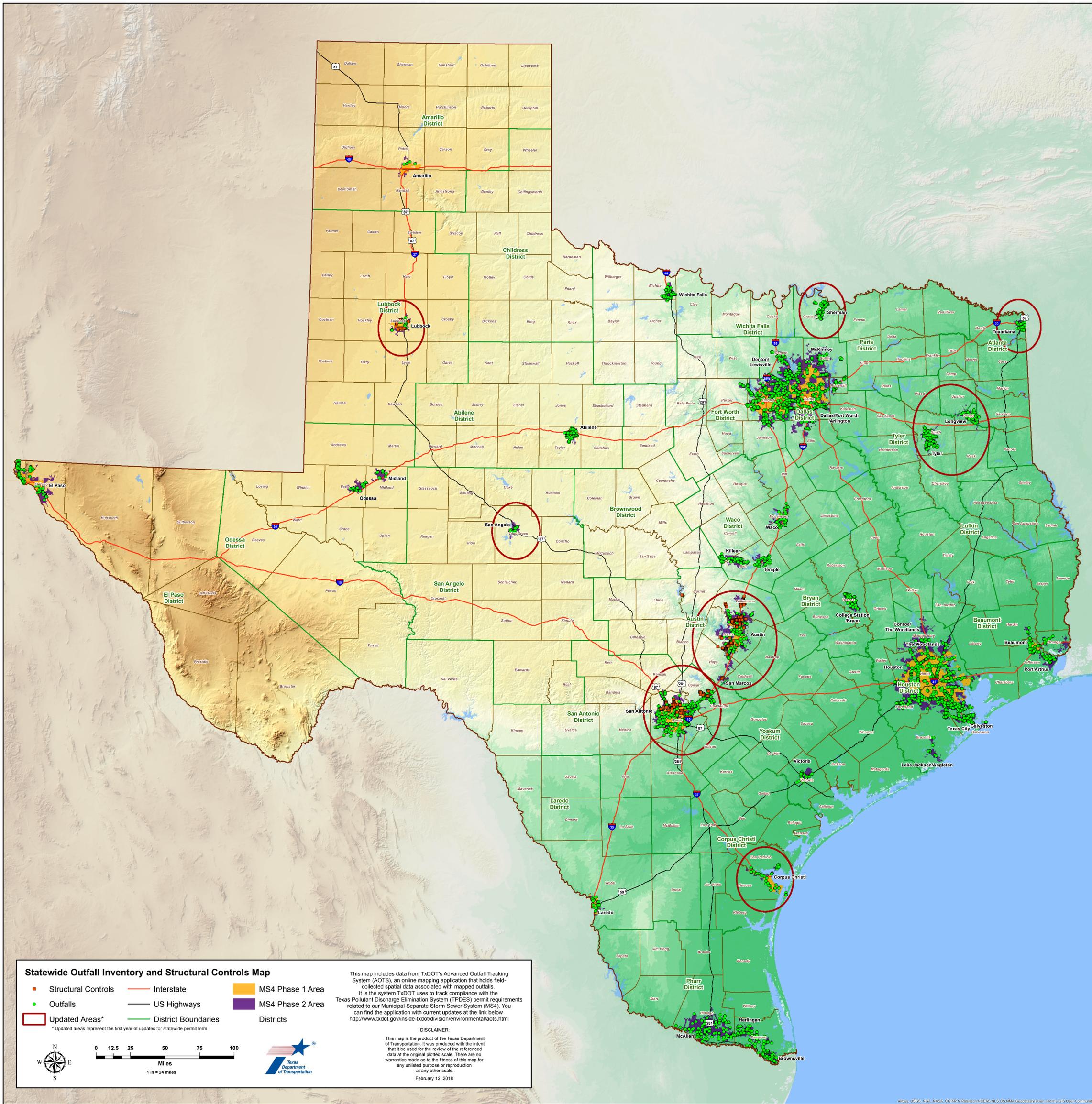
Attachment D

Provide Updated List of Allowable Non-Stormwater Discharges - BMP 2.3.2

There are no updates to the List of Allowable Non-Stormwater Discharges. The list in the SWMP and Permit is complete and accurate.

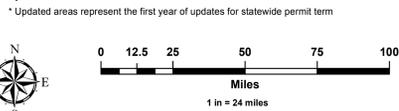
Attachment E

Provide Updated Maps - BMP 2.3.3



Statewide Outfall Inventory and Structural Controls Map

- Structural Controls
- Outfalls
- Updated Areas*
- Interstate
- US Highways
- District Boundaries
- MS4 Phase 1 Area
- MS4 Phase 2 Area
- Districts



This map includes data from TxDOT's Advanced Outfall Tracking System (AOTS), an online mapping application that holds field-collected spatial data associated with mapped outfalls. It is the system TxDOT uses to track compliance with the Texas Pollutant Discharge Elimination System (TPDES) permit requirements related to our Municipal Separate Storm Sewer System (MS4). You can find the application with current updates at the link below <http://www.txdot.gov/inside-txdot/division/environmental/aots.html>

DISCLAIMER:
 This map is the product of the Texas Department of Transportation. It was produced with the intent that it be used for the review of the referenced data at the original plotted scale. There are no warranties made as to the fitness of this map for any unlisted purpose or reproduction at any other scale.
 February 12, 2018

Attachment F

**District and Statewide Maintenance and Compass Data - BMPs 2.3.6, 2.3.10.a,
5.3.2.d, 5.3.4, 5.3.6, 5.3.7.a, and 5.3.7.c**

Attachment F

MMS/Compass Data for MS4 Regulated Area per District

BMP #	5.3.4, 5.3.6.a		5.3.4, 5.3.6.a		2.3.6, 2.3.10.a, 5.3.2.d, 5.3.7.a, 5.3.7.c		5.3.2.d, 5.3.7.a, 5.3.7.c		5.3.2.d, 5.3.7.a, 5.3.7.c		5.3.2.d, 5.3.7.a, 5.3.7.c		5.3.2.d, 5.3.7.a, 5.3.7.c		1.3.2		5.3.2.d, 5.3.7.a, 5.3.7.c	
	511 - ROW Mowing		513 - Spot Mowing		520 - Illegal Dumping Clean up		521 - Litter Removal		522 - Mechanical Sweeping		523 - Debris Removal		524 - Spot Litter		525 - Adopt-a- Highway		527 - Hand Sweeping	
	Acres	Cost	Hours	Cost	Acres	Cost	Acres	Cost	Miles	Cost	Miles	Cost	Acres	Cost	Hours	Cost	Square Yards	Cost
Abilene	694	\$ 26,314	6	\$ 435			989	\$ 19,910	125	\$ 8,758	0	\$ 48	1	\$ 59	-	\$ 117		
Amarillo	687	\$ 44,470	71	\$ 4,728	29	\$ 255	1,862	\$ 14,959	262	\$ 49,712	3,833	\$ 15,741	6	\$ 144	7	\$ 342	353	\$ 781
Atlanta	2,237	\$ 34,341	9	\$ 937	0	\$ 24	540	\$ 9,587	452	\$ 32,709	143	\$ 4,133	13	\$ 760	15	\$ 134		
Austin	1,571	\$ 74,136	14	\$ 1,244	199	\$ 1,635	4,571	\$ 60,469	499	\$ 67,415	10,357	\$ 91,705	160	\$ 5,847	54	\$ 2,082	40	\$ 318
Beaumont	3,094	\$ 123,227	34	\$ 2,704	105	\$ 3,154	1,844	\$ 47,107	388	\$ 150,380	1,230	\$ 42,083	153	\$ 8,983	11	\$ 2,601	7,945	\$ 2,914
Bryan	1,467	\$ 37,928				\$ 3	30	\$ 59,437	70	\$ 24,255	58	\$ 2,963	7	\$ 9,628	7	\$ 1,854	9	\$ 3,183
Corpus Christi	47,137	\$ 1,644,800	594	\$ 55,030	167	\$ 5,816	106,124	\$ 1,447,288	24,352	\$ 3,257,766	94,624	\$ 1,518,476	1,471	\$ 96,972	1,235	\$ 61,066	81,759	\$ 62,091
Dallas	8,360	\$ 251,332	58	\$ 5,073	1	\$ 194	7,096	\$ 72,854	3,542	\$ 306,045	20,904	\$ 328,699	21	\$ 1,104	17	\$ 3,165	20,290	\$ 880
El Paso	195	\$ 9,168			6	\$ 163	7,280	\$ 51,335	850	\$ 99,438	8,557	\$ 85,242	21	\$ 11,722	88	\$ 5,325	14,419	\$ 4,236
Fort Worth	5,828	\$ 246,014	38	\$ 3,610	37	\$ 2,384	15,501	\$ 234,577	1,431	\$ 125,226	11,551	\$ 143,367	242	\$ 8,372	143	\$ 8,467	7,800	\$ 507
Houston	12,569	\$ 404,720	23	\$ 5,915	32	\$ 1,323	27,832	\$ 328,176	8,181	\$ 780,928	17,464	\$ 291,836	435	\$ 45,443	150	\$ 12,349	32,511	\$ 14,377
Laredo	635	\$ 52,262	1	\$ 169			9	\$ 8,305	767	\$ 128,351	1,742	\$ 11,834	82	\$ 5,322	3	\$ 208	17	\$ 14,591
Lubbock	1,228	\$ 48,309	8	\$ 2,146			1,885	\$ 108,617	325	\$ 54,009	932	\$ 24,519	41	\$ 4,693	48	\$ 1,007		
Odessa	2,092	\$ 51,832	32	\$ 3,421	59	\$ 448	3,394	\$ 50,097	512	\$ 114,587	1,803	\$ 17,549	35	\$ 642	48	\$ 1,238	0	\$ 8
Paris	1,105	\$ 34,603	9	\$ 561			1,290	\$ 16,892	84	\$ 14,412	2,321	\$ 61,651	10	\$ 439	4	\$ 596		
Pharr	3,154	\$ 157,571	133	\$ 12,102	1	\$ 57	3,003	\$ 80,267	4,032	\$ 794,084	3,572	\$ 82,960	7	\$ 2,410	296	\$ 10,784	1	\$ 235
San Angelo	120	\$ 5,663	166	\$ 8,754			122	\$ 2,473	49	\$ 6,172	475	\$ 9,522	44	\$ 1,497	11	\$ 810	849	\$ 340
San Antonio	4,230	\$ 138,602	22	\$ 4,045	31	\$ 1,226	24,285	\$ 200,070	1,178	\$ 249,233	15,891	\$ 117,301	247	\$ 7,495	261	\$ 10,929		
Tyler	983	\$ 27,647					2,191	\$ 33,535	30	\$ 5,556	177	\$ 4,361	36	\$ 2,046	35	\$ 2,151		
Waco	3,157	\$ 101,384	78	\$ 3,226	0	\$ 7	823	\$ 13,625	781	\$ 71,565	1,148	\$ 10,047	110	\$ 2,626	79	\$ 3,434	795	\$ 159
Wichita Falls	1,641	\$ 59,203	5	\$ 1,188			2,402	\$ 27,102	340	\$ 60,665	616	\$ 23,818			52	\$ 563		
Yoakum	550	\$ 14,504	0	\$ 182	0	\$ 16	156	\$ 4,124	120	\$ 22,571	740	\$ 12,562	0	\$ 27				
Total	102,732	\$ 3,588,032	1,300	\$ 115,470	668	\$ 16,704	213,230	\$ 2,890,808	48,370	\$ 6,423,838	198,136	\$ 2,900,419	3,142	\$ 216,232	2,562	\$ 129,223	166,787	\$ 104,619

BMP #	5.3.6.c		5.3.6.a		5.3.6.a		5.3.6.c		5.3.6.c		5.3.6.c		5.3.2.d, 5.3.7.a, 5.3.7.c		5.3.2.d, 5.3.7.a, 5.3.7.c		5.3.2.d, 5.3.7.a, 5.3.7.c	
	540 - Hand Vegetation Control		541 - Chemical Vegetation Control, Edges		545 - Chemical Vegetation Control, Basal Application		548 - Seeding		551 - Landscape Maintenance		552 - Tree and Brush Control		561 - Cleaning Ditches		562 - Ditch Reshaping		563 - Slope Repair/Stabilization	
	Hours	Cost	Acres	Cost	Hours	Cost	Square Yards	Cost	Acres	Cost	Miles	Cost	Cubic Yards	Cost	Linear Feet	Cost	Square Yards	Cost
Abilene	2	\$ 260	2	\$ 1,419					1	\$ 122	7	\$ 2,031	231	\$ 13,299	306	\$ 347	10	\$ 83
Amarillo	69	\$ 3,177	31	\$ 3,222					0	\$ 140	6	\$ 3,643	43	\$ 1,726	8	\$ 3	201	\$ 1,158
Atlanta	4	\$ 1,420	119	\$ 25,671					2	\$ 1,137	131	\$ 29,709	329	\$ 25,245	31	\$ 1,088		
Austin	154	\$ 10,971	142	\$ 13,926	24	\$ 2,667					96	\$ 64,005	1,200	\$ 19,512	1,505	\$ 10,970		
Beaumont	78	\$ 5,389	102	\$ 13,067			200	\$ 925	0	\$ 126	502	\$ 7,801	377	\$ 5,574	25,161	\$ 79,691	347	\$ 4,780
Bryan	-	\$ 219	1	\$ 11,752			49	\$ 27			185	\$ 12,710	-	\$ 5,242	-	\$ 1,616	69	\$ 8,150
Corpus Christi	1,067	\$ 155,690	6,480	\$ 491,909	44	\$ 3,973	16,273	\$ 17,219	6,901	\$ 602,794	3,334	\$ 470,080	37,410	\$ 444,385	157,886	\$ 250,243	50,367	\$ 114,057
Dallas	177	\$ 15,116	318	\$ 36,924	14	\$ 1,326	124	\$ 1,019	138	\$ 16,126	865	\$ 111,689	833	\$ 36,636	1,002	\$ 7,726	7,986	\$ 14,108
El Paso	158	\$ 60,984	2,477	\$ 54,435					48	\$ 215,546	3	\$ 967	8,869	\$ 23,405	598	\$ 1,569	29,101	\$ 18,967
Fort Worth	2	\$ 165	565	\$ 69,691			1,158	\$ 6,454	0	\$ 95	339	\$ 60,173	6,014	\$ 27,822	22,706	\$ 36,752	5,956	\$ 6,552
Houston	39	\$ 5,344	547	\$ 73,808			1,299	\$ 608	22	\$ 2,323	176	\$ 72,694	5,971	\$ 127,756	114,868	\$ 175,450	744	\$ 31,905
Laredo	24	\$ 4,652	13	\$ 1,818					381	\$ 18,354	6	\$ 28,245	379	\$ 2,538			25	\$ 188
Lubbock	105	\$ 20,120	430	\$ 29,089					4	\$ 2,639	12	\$ 7,332	385	\$ 28,205	1,353	\$ 719	101	\$ 2,629
Odessa	3	\$ 495	189	\$ 19,173	1	\$ 97			3,891	\$ 246,899	1	\$ 397	1,138	\$ 13,135	2,000	\$ 2,486		
Paris	1	\$ 613	45	\$ 9,517					1,164	\$ 25,071	60	\$ 11,772	221	\$ 4,634	54	\$ 146	1,248	\$ 1,080
Pharr	249	\$ 20,136	431	\$ 64,283	26	\$ 1,776	3,603	\$ 3,603	1,023	\$ 31,361	137	\$ 51,386	8,858	\$ 61,361	9,196	\$ 7,440	47	\$ 8,050
San Angelo	77	\$ 3,602	176	\$ 14,669					130	\$ 14,764	6	\$ 3,152			885	\$ 231	9	\$ 2,806
San Antonio	80	\$ 5,555	602	\$ 53,642	1	\$ 77	297	\$ 439			1,456	\$ 41,793	544	\$ 17,813	0	\$ 4	4,069	\$ 7,616
Tyler	4	\$ 358	71	\$ 6,654			5,589	\$ 5,066	0	\$ 10	75	\$ 59,406	2,321	\$ 70,551	265	\$ 2,000	245	\$ 16,443
Waco	85	\$ 6,896	208	\$ 19,121	2	\$ 111	4,202	\$ 31	0	\$ 20	8	\$ 5,582	1,401	\$ 17,190	649	\$ 1,685	23	\$ 2,064
Wichita Falls	8	\$ 1,089	115	\$ 7,054	2	\$ 134					125	\$ 4,044	257	\$ 9,555	330	\$ 920	668	\$ 1,037
Yoakum			68	\$ 7,270							2	\$ 2,434			4	\$ 14		
Total	2,387	\$ 322,251	13,132	\$ 1,028,113	112	\$ 10,161	32,794	\$ 35,390	13,707	\$ 1,177,528	7,535	\$ 1,051,044	76,779	\$ 955,583	338,809	\$ 581,098	101,215	\$ 241,673

BMP #	5.3.2.d, 5.3.7.a, 5.3.7.c		5.3.2.d, 5.3.7.a, 5.3.7.c		5.3.4		5.3.4		Total
	Each	Cost	Cubic Yards	Cost	Hours	Cost	Hours	Cost	
Abilene	0	\$ 30							\$ 73,231
Amarillo	12	\$ 1,592							\$ 145,795
Atlanta	24	\$ 12,494							\$ 179,389
Austin	128	\$ 6,593			3	\$ 332	0	\$ 4	\$ 433,832
Beaumont	87	\$ 15,699			1	\$ 53	0	\$ 65	\$ 516,323
Bryan		\$ 1,714							\$ 180,682
Corpus Christi	10,612	\$ 863,682	3,930	\$ 179,686	63	\$ 8,494	28	\$ 2,763	\$ 11,754,281
Dallas	2,746	\$ 50,887	235	\$ 14,169	0	\$ 2,112		\$ 547	\$ 1,277,733
El Paso	271	\$ 51,586			0	\$ 13			\$ 694,102
Fort Worth	45	\$ 10,354			23	\$ 567			\$ 991,149
Houston	6,396	\$ 420,551	897	\$ 126,057	27	\$ 4,151	8	\$ 658	\$ 2,926,373
Laredo	24	\$ 2,899			5	\$ 927	0	\$ 8	\$ 280,672
Lubbock	1	\$ 76							\$ 334,108
Odessa	97	\$ 24,533			5	\$ 485	19	\$ 1,458	\$ 548,979
Paris	10	\$ 14,344		\$ 20					\$ 196,349
Pharr	376	\$ 109,582	1,548	\$ 26,155	0	\$ 43			\$ 1,525,645
San Angelo	1	\$ 604						\$ 2	\$ 75,060
San Antonio	560	\$ 119,194	2	\$ 43	1	\$ 178			\$ 975,255
Tyler	8	\$ 46,586	8	\$ 411					\$ 282,781
Waco	16	\$ 3,032	1,240	\$ 12,750	0	\$ 18	1	\$ 90	\$ 274,663
Wichita Falls	3	\$ 2,723							\$ 199,095
Yoakum	0	\$ 152							\$ 63,855
Total	21,416	\$ 1,758,908	7,860	\$ 359,292	130	\$ 17,373	56	\$ 5,595	\$ 23,929,353

Attachment G

**Provide a List of ID/IC Detected, Number of Inspections, and a Summary of
Follow-up Activities - BMP 2.3.7 and 2.3.8**

ENV Statewide	
Number of inspections: 0	
Detections	Summarizations
San Antonio District outfall mapping project:	No Illicit discharges found during outfall mapping. 651 outfalls were dry weather screened.
Austin District outfall mapping project:	No Illicit discharges found during outfall mapping. 716 outfalls were dry weather screened.
Lubbock District outfall mapping project:	No Illicit discharges found during outfall mapping. 41 outfalls were dry weather screened.
Tyler District outfall mapping project:	No Illicit discharges found during outfall mapping
Paris District outfall mapping project:	No Illicit discharges found during outfall mapping
San Angelo District outfall mapping project:	No Illicit discharges found during outfall mapping
Corpus Christi District outfall mapping project:	No Illicit discharges found during outfall mapping. 82 outfalls were dry weather screened.
Atlanta District outfall mapping project:	No Illicit discharges found during outfall mapping
NA	NA
NA	NA
NA	NA

District - Atlanta	
Number of inspections: 0	
Detections	Summarizations
N/A	N/A

District - Austin	
Number of inspections: 1	
Detections	Summarizations
City of Austin	A request to investigate water quality was sent on September 7, 2016. The dry weather flow entering the US 183 storm drain system was later determined to be groundwater.
N/A	N/A

District - El Paso	
Number of inspections: 0	
Detections	Summarizations
N/A	N/A

District - Fort Worth	
Number of inspections: 1	
Detections	Summarizations
Texas Travel Plaza	Investigation initiated by FTW District on 7-10-2017. TCEQ notified on 7-10-2017 and met with FTW District Rep and began investigation. Investigation showed an illicit discharge requiring the RP to mitigate the illicit discharge as
0	0
0	0
0	0
0	0
0	0

District - Houston	
Number of inspections: 10	
Detections	Summarizations
Unknown	Incident at I-610 N Loop EB @ Arline occurred on 12/13/2016 and cost \$8,994.82
Unknown	Incident at I-610 N Loop EB @ Arline occurred on 12/17/2016 and cost \$8,994.82
Unknown	Incident at US 90 @ Shoe-fly ramp for BW 8 occurred on 1/9/2017 and cost \$1,399.80
Unknown	Incident at BW 8 EB @ SH 3 occurred on 5/12/2017 and cost \$1,253.94
Unknown	Incident at I-10 WB Frontage Rd @ Bingle occurred on 5/31/2017 and cost \$5,276.55
Unknown	Incident at I-45 NB @ Harborside occurred on 6/23/2017 and cost \$2,780.94

Additional from Houston District	
Detections	Summarizations
Impacted soil and/or water	Incident at FM 242 @ San Jacinto Overpass occurred on 12/2/2016 and cost \$6,916.36
Impacted soil and/or water	Incident at SH 332 from FM 2004 to FM 521 occurred on 1/2/2017 and cost \$46,903.47
Impacted soil and/or water	Incident at FM 1485 @ Oak Grove Rd occurred on 1/6/2017 and cost \$7,959
Impacted soil and/or water	Incident at FM 524 @ CR 3 occurred on 11/18/2017 and cost \$13,047.05

District - Laredo	
Number of inspections: 0	
Detections	Summarizations
N/A	N/A

District - Lubbock	
Number of inspections: 2	
Detections	Summarizations
unkown	1/17/2017; diesel spill S. Loop 289; company owner did spill clean-up ; no cost to TxDOT
unkown	2/7/2017; roofing tar; MS Freewy; company owner did spill clean-up ; no cost to TxDOT
N/A	N/A

District - Pharr	
Number of inspections: 0	
Detections	Summarizations
N/A	N/A

District - San Angelo	
Number of inspections: 16	
Detections	Summarizations
Jack's Store Construction	No illicit discharges / connections detected. Estimate 10 inspections during reporting period.
Various locations in the MS4 area and in the TxDOT ROW	MS4 Coordinator inspected/looked for illicit discharges upstream of TxDOT ROW each time he drives the area. Estimate 6 inspections during reporting period. No illicit discharges / connections detected.
na	na

District - San Antonio

Number of inspections: 0

Detections	Summarizations
N/A	N/A

District - Tyler

Number of inspections: 0

Detections	Summarizations
NA	NA

District - Yoakum

Number of inspections: 0

Detections	Summarizations
n/a	n/a

Attachment H

Provide Updated List of Dischargers, as Necessary - BMP 2.3.9.b

There are no additions to the list of dischargers.

Attachment I

**Report the Number and Type of Promotions for Collection of Haz-Waste and
Used Motor Oil - BMP 2.3.9.c**

Districts	
Abilene	
Type of Promotion	Intended Audience
Display and Handouts	General Public at County Fair
n/a	n/a
Amarillo	
Type of Promotion	Intended Audience
Maintenance Office Policy	AMA TxDOT Maintenance Facility Employees
Maintenance Office Policy	AMA TxDOT Loop Maintenance Facility Employees
N/A	N/A
N/A	N/A
N/A	N/A
Austin	
Type of Promotion	Intended Audience
N/A	N/A
Beaumont	
Type of Promotion	Intended Audience
N/A	N/A
Corpus Christi	
Type of Promotion	Intended Audience
N/A	N/A
0	0
0	0
0	0
0	0

Districts	
Dallas	
Type of Promotion	Intended Audience
N/A	N/A
El Paso	
Type of Promotion	Intended Audience
N/A	N/A
Fort Worth	
Type of Promotion	Intended Audience
N/A	N/A
Houston	
Type of Promotion	Intended Audience
N/A	N/A
Laredo	
Type of Promotion	Intended Audience
N/A	N/A

Districts	
Lubbock	
Type of Promotion	Intended Audience
N/A	N/A
San Antonio	
Type of Promotion	Intended Audience
N/A	N/A
Waco	
Type of Promotion	Intended Audience
Recycling herbicide jugs	TxDOT Staff
Recycling oil and oil filters	TxDOT Staff
Collection of household electronics	TxDOT Staff
Collection of prescription drugs	TxDOT Staff
N/A	N/A

Attachment J

Update List of Priority Areas, as Necessary - BMP 2.3.9.d

There are no updates to the list of priority areas.

Attachment K

4th-Year Reporting...Include the Wet Weather Analysis Reporting - BMP 2.3.9.f

Attachment L

**Report Any USFWS Coordination Conducted During the Reporting Year -
BMP 2.3.10.b**

Districts

Austin

Agency	Coordination
U.S. Fish and Wildlife Service	IH 35 from South of SH 80 to North of RM 12 submitted on March 28, 2017
U.S. Fish and Wildlife Service	RM 2222/RM 620 Connector submitted on August 21, 2017
N/A	N/A

Attachment M

**If Changes are Made to the List of Prohibited Discharges, Provide Updated List -
BMP 3.3.4**

No changes were made to the List of Prohibited Discharges.

Attachment N

Include List of Active NPDES/TPDES Permitted Construction Sites - BMP 3.3.9.a

Amarillo District non-TxDOT construction project NOIs Received. BMP 3.3.9.a

Developer	Development	Permit #	Address
Rockrose Development LLC	Pinnacle	TXR15197G	South off Loop 335 at Valleyview Dr. and the corner of Attebury Dr.
Rockrose Development LLC	The Colonies	TXR15KW89	South of 45, west of Coulter, north of Hillside, east of Soncy
Rockrose Development LLC	Cityview	TXR15KW90	North of Loop 335, east of Western, West of Georgia, North of Farmers
Perry Williams General Contractors LLC	Heritage Hills	TXR1SZA42	North off Loop 335 on Soncy Approx 1 mile left into Hillside South
Perry Williams General Contractors LLC	Town Square	TXR15UK68	West on Hillside past Loop 335 for approx. 1 mile Amarillo 79110
Perry Williams General Contractors LLC	Tradewinds Square	TXR150021170	South on Ross-Osage until 46th street, turn west on 46th until tradewinds st.
Perry Williams General Contractors LLC	Hillside Terrace Estates	TXR15NQ21	On SE of intersection of SONCY & HILLSIDE AMARILLO 79109
Nielsen Communities LLC	The Vineyards	TXR15332H	Northwest corner of Hastings and Broadway
Tascosa Development Company LLC	The Trails at Tascosw Golf Club	TXR15953D	Located approximately 1675 feet west of the intersection of Buisnee I-40 and Western St.
Hillside & Soncy Associates LTD	The Greenways	TXR15KO04	South of Hillside between Soncy and Coulter

Austin District



T.X.D.O.T.
RECEIVED

JUL 31 2017

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

To: Shirley Nichols
Victor Vargas

Absolute Performance . . .

A Quanta Services Company

IRBY Construction Company
P.O. Box 688
Comfort, TX 78013
Tel. (601) 209-2752
Email: sbradshaw@irbyconst.com
Internet: www.irbyconst.com
Street Address:
46 U.S. Hwy. 87 N.
Comfort, TX 78013

July 28, 2017

Texas Department of Transportation
ATTN: **Mario Jorge, P.E.**
4615 NW Loop 410
San Antonio, Texas 78229-0928

Mr. Mario Jorge, P.E.,

As required by the Texas Commission on Environmental Quality's (TCEQ) Texas Pollutant Discharge Elimination System (TPDES) Construction General Permit, LCRA is sending TXDOT a Notice of Intent (NOI). This notice is required to be sent to the operator of the Municipal Separate Storm Sewer System (MS4), which receives the storm water discharge from a construction site. LCRA Transmission Services Corporation (TSC) will be undertaking the Henne to McCarty Lane East T-233 project which includes upgrading electrical transmission lines in Hays County, Texas. Information about this permit can be found at the following website:

http://www.tceq.state.tx.us/nav/permits/wq_construction.html.

This letter is a requirement of the TPDES permit to inform you about construction sites that drain to your MS4 system. Enclosed please find the CNOI, Large Construction Site Notice & General Permit. Please call me at (601) 209-2752 if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "Stuart Bradshaw".

Stuart Bradshaw

Irby Construction Company
Tel. (601) 209-2752
Email: sbradshaw@irbyconst.com

Texas Commission on Environmental Quality
Construction Notice of Intent

Site Information (Regulated Entity)

What is the name of the site to be authorized?	HENNE TO MCCARTY LANE EAST T-233 TL UPGRADE
Does the site have a physical address?	Yes
Physical Address	
Number and Street	1502 E MCCARTY LN
City	SAN MARCOS
State	TX
ZIP	78666
County	HAYS
Latitude (N) (##.#####)	29.826669
Longitude (W) (-###.#####)	-98.9646
Primary SIC Code	4911
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN109870071
What is the name of the Regulated Entity (RE)?	HENNE TO MCCARTY LANE EAST T-233 TL UPGRADE
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	1502 E MCCARTY LN
City	SAN MARCOS
State	TX
ZIP	78666
County	HAYS
Latitude (N) (##.#####)	29.826669
Longitude (W) (-###.#####)	-98.9646
What is the primary business of this entity?	ELECTRIC UTILITES

Customer (Applicant) Information

How is this applicant associated with this site?	Operator
What is the applicant's Customer Number (CN)?	CN602607590
Type of Customer	Corporation
Full legal name of the applicant:	

Legal Name	Irby Construction Company
Texas SOS Filing Number	12932006
Federal Tax ID	640902002
State Franchise Tax ID	16409020027
DUNS Number	
Number of Employees	21-100
Independently Owned and Operated?	Yes
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	Irby Construction Company
Prefix	MR
First	Stuart
Middle	
Last	Bradshaw
Suffix	
Title	Assistant Superintendent
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 688
Routing (such as Mail Code, Dept., or Attn:)	
City	COMFORT
State	TX
ZIP	78013
Phone (###-###-####)	6012092752
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	sbradshaw@irbyconst.com

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	CN602607590, Irby Construction Company
Organization Name	Irby Construction Company
Prefix	MR
First	Stuart
Middle	

Last	Bradshaw
Suffix	
Title	Assistant Superintendent
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 688
Routing (such as Mail Code, Dept., or Attn:)	
City	COMFORT
State	TX
ZIP	78013
Phone (###-###-####)	6012092752
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	sbradshaw@irbyconst.com

CNOI General Characteristics

1) Is the project located on Indian Country Lands?	No
2) Is your construction activity associated with a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources?	No
3) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site?	4911
4) If applicable, what is the Secondary SIC Code(s)?	
5) Is the project site part of a larger common plan of development or sale?	No
6) What is the total number of acres disturbed?	32
7) What is the name of the first water body(s) to receive the stormwater runoff or potential runoff from the site?	York Creek, Water Hole Creek, Caney Creek
8) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach?	1804 1808
9) Is the discharge into an MS4?	Yes
9.1. What is the name of the MS4 Operator?	Tx Dept of Transportation
10) Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) List of impaired waters?	Yes

- 10.1. What is the name(s) of the impaired water body(s) receiving the discharges from the construction site? Geronimor Creek
- 11) Is the discharge or potential discharge within the Recharge Zone, Contributing zone, or Contributing zone within the Transition zone of the Edwards Aquifer, as defined in 30 TAC Chapter 213? No
- 12) I certify that a stormwater pollution prevention plan has been developed, will be implemented prior to construction, and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the general permit TXR150000. Note: For multiple operators who operate under a shared SWP3, the confirmation of an operator may be limited to its obligations under the SWP3 provided all obligations are confirmed by at least one operator. Yes
- 13) I certify that I have obtained a copy and understand the terms and conditions of the Construction General Permit (TXR150000). Yes
- 14) I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed. Yes

Certification

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

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

1. I am David L McGee, the owner of the STEERS account ER026480.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Construction Notice of Intent.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OPERATOR Signature: David L Mcgee OPERATOR

Account Number: ER026480
Signature IP Address: 69.4.50.59
Signature Date: 2017-07-28
Signature Hash: CA0B7C2954F32CF1E9AA1656D11BD9F77C17F952252AF207CB3307952C773F37
Form Hash Code at time of Signature: 8F4F87B55AF004473A4F8E921520C63B09C32642E7B9F160F1FFA5759F6B0C08

Fee Payment

Transaction by: The application fee payment transaction was made by ER026480/David L Mcgee
Paid by: The application fee was paid by STUART BRADSHAW
Fee Amount: \$225.00
Paid Date: The application fee was paid on 2017-07-28
Transaction/Voucher number: The transaction number is 582EA000265686 and the voucher number is 329808

Submission

Reference Number: The application reference number is 175766
Submitted by: The application was submitted by ER026480/David L Mcgee
Submitted Timestamp: The application was submitted on 2017-07-28 at 09:59:59 CDT
Submitted From: The application was submitted from IP address 69.4.50.59
Confirmation Number: The confirmation number is 156660
Steers Version: The STEERS version is 6.11

Additional Information

Application Creator: This account was created by David L Mcgee



LARGE CONSTRUCTION SITE NOTICE

FOR THE
Texas Commission on Environmental Quality (TCEQ)
Stormwater Program
TPDES GENERAL PERMIT TXR150000

“PRIMARY OPERATOR” NOTICE

This notice applies to construction sites operating under Part II.E.3. of the TPDES General Permit Number TXR150000 for discharges of stormwater runoff from construction sites equal to or greater than five acres, including the larger common plan of development. The information on this notice is required in Part III.D.2. of the general permit. Additional information regarding the TCEQ stormwater permit program may be found on the internet at:

http://www.tceq.state.tx.us/nav/permits/wq_construction.html

Site-Specific TPDES Authorization Number:	TXR 15419E
Operator Name:	Lower Colorado River Authority (LCRA)
Contact Name and Phone Number:	Stuart Bradshaw (601) 209-2752
Project Description: <i>Physical address or description of the site's location, and estimated start date and projected end date, or date that disturbed soils will be stabilized.</i>	IRBY construction is to upgrade the 6.6-mile Henne – McCarty Lane (T233) 138-kV transmission line from 159 MVA to 380 MVA with 959 ACSS Suwannee conductors. Replace existing lattice towers with steel pole structures o Amend easements as needed to facilitate upgrade. Est. Start Date: 7/26/2016 Est. End Date: 3/31/2017
Location of Stormwater Pollution Prevention Plan:	LCRA Service Center 3505 Montopolis Drive Bldg. D Austin, Tx 78744



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Texas Pollutant Discharge Elimination System
Stormwater Construction General Permit

The Notice of Intent (NOI) for the facility listed below was received on July 28, 2017. The intent to discharge stormwater associated with construction activity under the terms and conditions imposed by the Texas Pollutant Discharge Elimination System (TPDES) stormwater construction general permit TXR150000 is acknowledged. Your facility's TPDES construction stormwater general permit authorization number is:

TXR15419E

Coverage Effective: July 28, 2017

TCEQ's stormwater construction general permit requires certain stormwater pollution prevention and control measures, possible monitoring and reporting, and periodic inspections. Among the conditions and requirements of this permit, you must have prepared and implemented a stormwater pollution prevention plan (SWP3) that is tailored to your construction site. As a facility authorized to discharge under the stormwater construction general permit, all terms and conditions must be complied with to maintain coverage and avoid possible penalties.

Project/Site Information:

RN109870071
Henne To Mccarty Lane East T-233 TI Upgrade
1502 E Mccarty Ln
San Marcos, TX 78666
Hays County

Operator:

CN602607590
Irby Construction Company
PO BOX 688
Comfort, TX 78013

This permit expires on March 05, 2018, unless otherwise amended. If you have any questions related to processing, you may contact the Stormwater Processing Center by email at swpermit@tceq.texas.gov or by telephone at (512) 239-3700. For technical issues, you may contact the stormwater technical staff by email at swgp@tceq.texas.gov or by telephone at (512) 239-4671. Also, you may obtain information on the TCEQ web site at http://www2.tceq.texas.gov/wq_dpa/index.cfm. A copy of this document should be kept with your SWP3.

Issued Date: July 28, 2017

A handwritten signature in black ink, appearing to read "R. Q. A. High".

FOR THE COMMISSION

Texas Commission on Environmental Quality
Construction Notice of Intent

Site Information (Regulated Entity)

What is the name of the site to be authorized? Keesee Tract

Does the site have a physical address? Yes

Physical Address

Number and Street 10801 S IH-35

City Austin

State TX

ZIP 78748

County TRAVIS

Latitude (N) (##.#####) 30.144176

Longitude (W) (-###.#####) -97.79317

Primary SIC Code

Secondary SIC Code

Primary NAICS Code

Secondary NAICS Code

Regulated Entity Site Information

What is the Regulated Entity's Number (RN)?

What is the name of the Regulated Entity (RE)? Keesee Tract

Does the RE site have a physical address? Yes

Physical Address

Number and Street 10801 S IH-35

City Austin

State TX

ZIP 78748

County TRAVIS

Latitude (N) (##.#####) 30.144176

Longitude (W) (-###.#####) -97.79317

What is the primary business of this entity? Construction of a multi-family apartment complex.

ODEN HU-Customer (Applicant) Information

How is this applicant associated with this site?	OPERATOR
What is the applicant's Customer Number (CN)?	CN604088914
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	ODEN HUGHES TAYLOR CONSTRUCTION LLC
Texas SOS Filing Number	801524675
Federal Tax ID	
State Franchise Tax ID	32046137009
DUNS Number	
Number of Employees	0-20
Independently Owned and Operated?	Yes
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	ODEN HUGHES TAYLOR CONSTRUCTION LLC
Prefix	MR
First	Eric
Middle	
Last	Taylor
Suffix	
Title	Vice President
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	901 S Mopac Expressway, BOP III, Suite 220
Routing (such as Mail Code, Dept., or Attn:)	

City Austin

State TX

ZIP 78746

Phone (###-###-####) 5128137118

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

ODEN HUGHES TAYLOR
CONSTRUCTION LLC

Organization Name

ODEN HUGHES TAYLOR
CONSTRUCTION LLC

Prefix MR

First David

Middle

Last Hilton

Suffix

Title Project Manager

Enter new address or copy one from list:

ODEN HUGHES TAYLOR
CONSTRUCTION LLC

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

901 S Mopac Expressway, BOP III,
Suite 220

Routing (such as Mail Code, Dept., or Attn:)

City Austin

State TX

ZIP 78746

Phone (###-###-####) 5129406846

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

david@odenhughesllc.com

CNOI General Characteristics

1) Is the project located on Indian Country Lands?	No
2) Is your construction activity associated with a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources?	No
3) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site?	1522
4) If applicable, what is the Secondary SIC Code(s)?	
5) Is the project site part of a larger common plan of development or sale?	No
6) What is the total number of acres disturbed?	7.2
7) What is the name of the first water body(s) to receive the stormwater runoff or potential runoff from the site?	Onion Creek
8) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach?	1427
9) Is the discharge into an MS4?	Yes
9.1. What is the name of the MS4 Operator?	City of Austin
10) Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) List of impaired waters?	No
11) Is the discharge or potential discharge within the Recharge Zone, Contributing zone, or Contributing zone within the Transition zone of the	No

Edwards Aquifer, as defined in 30 TAC Chapter 213?

12) I certify that a stormwater pollution prevention plan has been developed, will be implemented prior to construction, and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the general permit TXR150000. Note: For multiple operators who prepare a shared SWP3, the confirmation of an operator may be limited to its obligations under the SWP3 provided all obligations are confirmed by at least one operator.

Yes

13) I certify that I have obtained a copy and understand the terms and conditions of the Construction General Permit (TXR150000).

Yes

14) I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed.

Yes

Certification

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

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

1. I am Eric Taylor, the owner of the STEERS account ER035992.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.

4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Construction Notice of Intent.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OPERATOR Signature: Eric Taylor OPERATOR

Account Number: ER035992

Signature IP Address: 67.79.19.227

Signature Date: 2016-03-11

Signature Hash: 10549E7685207629BFB7427221CDD1E4C175D27C8BCDEBCA843E06DDB934BE09

Form Hash: 2FC7479967D9A99D04FAC127FBF320BEF4E588781788AC86342D7C935538E6A5

Code at time of Signature :

Fee Payment

Transaction by:	The application fee payment transaction was made by ER035992/Eric Taylor
Paid by:	The application fee was paid by ERIC TAYLOR
Fee Amount: \$225.00	
Paid Date:	The application fee was paid on 2016-03-11
Transaction/Voucher number:	The transaction number is 582EA000216578 and the voucher number is 272861

Submission

Reference Number: The application reference number is 127299

Submitted by: The application was submitted by ER012697/Brandi R Stark

Submitted Timestamp: The application was submitted on 2016-03-11 at 17:32:37 CST

Submitted From: The application was submitted from IP address 216.66.76.44

Confirmation Number: The confirmation number is 119315

Steers Version: The STEERS version is 6.00

Additional Information

Application Creator: This account was created by Brandi R Stark

T.X.D.O.T.
RECEIVED

AUG 16 2017

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

August 9, 2017

Texas Department of Transportation
ATTN: Terry McCoy, P.E.
P.O. Drawer 15426
Austin, Texas 78761-5426

Mr. Terry McCoy, P.E.,

As required by the Texas Commission on Environmental Quality's (TCEQ) Texas Pollutant Discharge Elimination System (TPDES) Construction General Permit, Lower Colorado River Authority (LCRA) is sending TXDOT a Notice of Intent (NOI). This notice is required to be sent to the operator of the Municipal Separate Storm Sewer System (MS4), which receives the storm water discharge from a construction site. LCRA will be constructing/upgrading an existing Transmission Services Corporation (TSC) Henne to McCarty Lane (T-233) TL Upgrade (~6.6 miles) 138-kV transmission line from 159 MVA to 380 MVA with 959 ACSS Suwannee conductors. Replace existing lattice towers with steel pole structures in Hays County, Texas. Information about this permit can be found at the following website:

http://www.tceq.state.tx.us/nav/permits/wq_construction.html.

This letter is a requirement of the TPDES permit to inform you about construction sites that drain to your MS4 system. Please call me at 512-468-1117 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Chance Simpson', with a circular mark at the end of the signature.

Chance Simpson
LCRA Environmental Coordinator

Enclosures (5)



LARGE CONSTRUCTION SITE NOTICE

FOR THE
 Texas Commission on Environmental Quality (TCEQ)
 Stormwater Program
TPDES GENERAL PERMIT TXR150000

“PRIMARY OPERATOR” NOTICE

This notice applies to construction sites operating under Part II.E.3. of the TPDES General Permit Number TXR150000 for discharges of stormwater runoff from construction sites equal to or greater than five acres, including the larger common plan of development. The information on this notice is required in Part III.D.2. of the general permit. Additional information regarding the TCEQ stormwater permit program may be found on the internet at:

http://www.tceq.state.tx.us/nav/permits/wq_construction.html

Site-Specific TPDES Authorization Number:	TXR15351E
Operator Name:	Lower Colorado River Authority (LCRA)
Contact Name and Phone Number:	Erik Huebner, Sr Env. Coord. 512-730-8916 or Chance Simpson, Env. Coord. 512-468-1117
Project Description: <i>Physical address or description of the site's location, and estimated start date and projected end date, or date that disturbed soils will be stabilized.</i>	LCRA is to upgrade the 6.6-mile Henne – McCarty Lane (T233) 138-kV transmission line from 159 MVA to 380 MVA with 959 ACSS Suwannee conductors. Replace existing lattice towers with steel pole structures o Amend easements as needed to facilitate upgrade.. Est. Start Date: 7/26/2016 Est. End Date: 3/31/2017
Location of Stormwater Pollution Prevention Plan:	LCRA Service Center 3505 Montopolis Drive Bldg. D Austin, Tx 78744



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Texas Pollutant Discharge Elimination System
Stormwater Construction General Permit

The Notice of Intent (NOI) for the facility listed below was received on July 25, 2017. The intent to discharge stormwater associated with construction activity under the terms and conditions imposed by the Texas Pollutant Discharge Elimination System (TPDES) stormwater construction general permit TXR150000 is acknowledged. Your facility's TPDES construction stormwater general permit authorization number is:

TXR15351E

Coverage Effective: July 25, 2017

TCEQ's stormwater construction general permit requires certain stormwater pollution prevention and control measures, possible monitoring and reporting, and periodic inspections. Among the conditions and requirements of this permit, you must have prepared and implemented a stormwater pollution prevention plan (SWP3) that is tailored to your construction site. As a facility authorized to discharge under the stormwater construction general permit, all terms and conditions must be complied with to maintain coverage and avoid possible penalties.

Project/Site Information:

RN109870071
Henne To Mccarty Lane East T-233 Tl Upgrade
1502 E Mccarty Ln
San Marcos, TX 78666
Hays County

Operator:
CN600253637
Lower Colorado River Authority
PO BOX 220
Austin, TX 78767

This permit expires on March 05, 2018, unless otherwise amended. If you have any questions related to processing, you may contact the Stormwater Processing Center by email at swpermit@tceq.texas.gov or by telephone at (512) 239-3700. For technical issues, you may contact the stormwater technical staff by email at swgp@tceq.texas.gov or by telephone at (512) 239-4671. Also, you may obtain information on the TCEQ web site at http://www2.tceq.texas.gov/wq_dpa/index.cfm. A copy of this document should be kept with your SWP3.

Issued Date: July 25, 2017

FOR THE COMMISSION

A handwritten signature in black ink, appearing to read "R. Q. A. Hylleberg".

Texas Commission on Environmental Quality

Construction Notice of Intent

Site Information (Regulated Entity)

What is the name of the site to be authorized? **Henne to McCarty Lane (East) T-233 TL Upgrade**

Does the site have a physical address? **Yes**

Physical Address
 Number and Street **1502 E MCCARTY LN**
 City **SAN MARCOS**
 State **TX**
 ZIP **78666**
 County **HAYS**
 Latitude (N) (## #####) **29.826669**
 Longitude (W) (-### #####) **-98.9646**
 Primary SIC Code **4811**

Secondary SIC Code

Primary NAICS Code

Secondary NAICS Code

Regulated Entity Site Information

What is the Regulated Entity's Number (RE)?

What is the name of the Regulated Entity (RE)?

Does the RE site have a physical address?

Physical Address
 Number and Street **Henne to McCarty Lane (East) T-233 TL Upgrade**
 City **Yes**
 State **TX**
 ZIP **78666**
 County **HAYS**
 Latitude (N) (## #####) **29.826669**
 Longitude (W) (-### #####) **-98.9646**
 What is the primary business of this entity? **Electric Utilities**

Customer (Applicant) Information

How is this applicant associated with this site? **Operator**

What is the applicant's Customer Number (CN)? **CN600253637**

Type of Customer **Other Government**

Full legal name of the applicant: **Lower Colorado River Authority**

Legal Name

Texas SOS Filing Number

Federal Tax ID

State Franchise Tax ID

DUNS Number

Number of Employees **501+**

Independently Owned and Operated? **Yes**

I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas **Yes**

Responsible Authority Contact

Organization Name **Lower Colorado River Authority**

Prefix

First **Chance**

Middle

Last **Simpson**

Suffix

Title **Environmental Coordinator**

Responsible Authority Mailing Address

Enter new address or copy one from list:

Address Type **Domestic**

Mailing Address (include Suite or Bldg. here, if applicable) **PO BOX 220**

Routing (such as Mail Code, Dept., or Abbr.) **Mailstop SC-C-409**

City **AUSTIN**

State **TX**

ZIP **78787**

Phone (###-###-####) **5124681117**

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail **chance.simpson@lcr.org**

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name

Prefix

First

Middle

Last

Suffix

Title

Enter new address or copy one from list:

Mailing Address

Address Type

Mailing Address (include Suite or Bldg here, if applicable)

Routing (such as Mail Code, Dept., or Attn)

City

State

ZIP

Phone (###-###-####)

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

CN1600253637, Lower Colorado River Authority

Lower Colorado River Authority

Chance

Simpson

Environmental Coordinator

Domestic

PO BOX 220

Mailstop SC-C-409

AUSTIN

TX

78767

5124681117

chance.simpson@lra.org

CNOI General Characteristics

1) Is the project located on Indian Country Lands?

2) Is your construction activity associated with a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources?

3) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site?

4) If applicable, what is the Secondary SIC Code(s)?

No

No

4011

5) Is the project site part of a larger common plan of development or sale?

6) What is the total number of acres disturbed?

7) What is the name of the first water body(s) to receive the stormwater runoff or potential runoff from the site?

8) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach?

9) Is the discharge into an MS4?

9.1. What is the name of the MS4 Operator? Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) List of impaired waters?

10.1. What is the name(s) of the impaired water body(s) receiving the discharges from the construction site?

11) Is the discharge or potential discharge within the Recharge Zone, Contributing zone, or Contributing zone within the Transition zone of the Edwards Aquifer, as defined in 30 TAC Chapter 213?

12) I certify that a stormwater pollution prevention plan has been developed, will be implemented prior to construction, and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the general permit TXR150000. Note: For multiple operators who operate under a shared SWP3, the confirmation of an operator may be limited to its obligations under the SWP3 provided all obligations are confirmed by at least one operator.

13) I certify that I have obtained a copy and understand the terms and conditions of the Construction General Permit (TXR150000).

14) I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed

Certification

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

No

32

York Creek, Water Hole Creek, Caney Creek

1604 | 1608

Yes

Tx Dept of Transportation

Yes

Genomimo Creek

No

Yes

Yes

Yes

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

1. I am Mike G Almindarez, the owner of the STEERS account ER000639.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Construction Notice of Intent.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OPERATOR Signature: Mike G Almindarez OPERATOR

Account Number: ER000639
 Signature IP Address: 198.214.249.125
 Signature Date: 2017-07-24
 Signature Hash: EDEA5F1897028586F833CA0876C6F9C68B93D5ABAF4E14047E18B354685E772
 Form Hash Code at time of Signature: E028386EDD8688188AEDA4BAE6ACB11E120C8F7D139F9038E2610DE2E16E91AD

Fee Payment

Transaction by: The application fee payment transaction was made by ER002575Chance Simpson
 Paid by: The application fee was paid by CHANCE SIMPSON
 Fee Amount: \$225.00

Paid Date: Transaction/Voucher number

The application fee was paid on 2017-07-25
The transaction number is 562EA000265302 and the voucher number is 329403

Submission

Reference Number

The application reference number is 174938
The application was submitted by ER002575Chance Simpson

Submitted Timestamp

The application was submitted on 2017-07-25 at 14:24:19 CDT

Submitted From:

The application was submitted from IP address 198.214.249.125

Confirmation Number:

The confirmation number is 156281

Steers Version:

The STEERS version is 6.11

Additional Information

Application Creator: This account was created by Chance Simpson

COMPLIANCE RESOURCES
I N C O R P O R A T E D

CERTIFIED MAIL
70163010000093469652

August 4, 2017

T.X.D.O.T.
RECEIVED

AUG 14 2017

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

MS4 Operator
TxDOT – Austin District Office
Attn: Shirley Nichols, Env. Coordinator
P.O. Box 15426
Austin, TX 78761

RE: Notice of Change for Blue Blazes Ranch (entire acreage)

To Whom It May Concern:

As required by the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from construction sites, enclosed is a copy of the signed Notice(s) for Storm Water Discharges Associated with Construction Activity under a TPDES General Permit. Please feel free to contact us if you have any questions.

Sincerely,



Misti Shafer

Enc.: copy of STEERS Notice of Change



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Texas Pollutant Discharge Elimination System
Stormwater Construction General Permit

The Notice of Change submitted to update the Notice of Intent (NOI) for the facility listed below was received on August 7, 2017. The intent to discharge stormwater associated with construction activity under the terms and conditions imposed by the Texas Pollutant Discharge Elimination System (TPDES) stormwater construction general permit TXR150000 is acknowledged. Your facility's TPDES construction stormwater general permit authorization number is:

TXR150029235

Coverage Effective: October 19, 2016

TCEQ's stormwater construction general permit requires certain stormwater pollution prevention and control measures, possible monitoring and reporting, and periodic inspections. Among the conditions and requirements of this permit, you must have prepared and implemented a stormwater pollution prevention plan (SWP3) that is tailored to your construction site. As a facility authorized to discharge under the stormwater construction general permit, all terms and conditions must be complied with to maintain coverage and avoid possible penalties.

Project/Site Information:

RN109451906
Blue Blazes Ranch Phase 1
Northeast of The Intersection of Highway 290 And
Drifting Wind Run
Dripping Springs, TX 78620
Hays County

Operator:

CN602551418
Dale Lowden Excavating, Inc.
PO BOX 1769
Wimberley, TX 78676

This permit expires on March 05, 2018, unless otherwise amended. If you have any questions related to processing, you may contact the Stormwater Processing Center by email at swpermit@tceq.texas.gov or by telephone at (512) 239-3700. For technical issues, you may contact the stormwater technical staff by email at swgp@tceq.texas.gov or by telephone at (512) 239-4671. Also, you may obtain information on the TCEQ web site at http://www2.tceq.texas.gov/wq_dpa/index.cfm. A copy of this document should be kept with your SWP3.

Issued Date: August 07, 2017

*Additional
acreage*

A handwritten signature in black ink, appearing to read "R. Q. A. Hyde".

FOR THE COMMISSION

Texas Commission on Environmental Quality

Construction Notice of Change

TXR150029235

Site Information (Regulated Entity)

What is the name of the site to be authorized?	BLUE BLAZES RANCH PHASE 1
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	NORTHEAST OF THE INTERSECTION OF HIGHWAY 290 AND DRIFTING WIND RUN
City	DRIPPING SPRINGS
State	TX
ZIP	78620
County	HAYS
Latitude (N) (##.#####)	30.195254
Longitude (W) (-###.#####)	-98.061142
Primary SIC Code	1542
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN109451906
What is the name of the Regulated Entity (RE)?	BLUE BLAZES RANCH PHASE 1
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	NORTHEAST OF THE INTERSECTION OF HIGHWAY 290 AND DRIFTING WIND RUN
City	DRIPPING SPRINGS
State	TX
ZIP	78620
County	HAYS
Latitude (N) (##.#####)	30.195254
Longitude (W) (-###.#####)	-98.061142
What is the primary business of this entity?	GENERAL CONTRACTOR

Customer (Applicant) Information

How is this applicant associated with this site?	Operator
What is the applicant's Customer Number (CN)?	CN602551418
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Dale Lowden Excavating, Inc.
Texas SOS Filing Number	108218500
Federal Tax ID	742509415
State Franchise Tax ID	17425094152
DUNS Number	57488983
Number of Employees	21-100
Independently Owned and Operated?	
I certify that the full legal name of the entity	Yes

E-mail

MISTI@COMPLIANCERESOURCESINC.COM

CNOI Notice of Change General Characteristics

- | | |
|---|------------------------------------|
| 1) What are you proposing to change from what was last provided for this permit? | Changes to General Characteristics |
| 2) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site? | 6552 |
| 3) If applicable, what is the Secondary SIC Code(s)? | |
| 4) Is the project site part of a larger common plan of development or sale? | Yes |
| 5) What is the total number of acres disturbed? | 35 |
| 6) What is the name of the first water body(s) to receive the stormwater runoff or potential runoff from the site? | JACKSON BRANCH |
| 7) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach? | 1427 |
| 8) Is the discharge into an MS4? | Yes |
| 8.1. What is the name of the MS4 Operator? | CITY OF DRIPPING SPRINGS TXDOT |
| 9) Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) List of impaired waters? | Yes |
| 9.1. What is the name(s) of the impaired water body(s) receiving the discharges from the construction site? | ONION CREEK |
| 10) Is the discharge or potential discharge within the Recharge Zone, Contributing zone, or Contributing zone within the Transition zone of the Edwards Aquifer, as defined in 30 TAC Chapter 213? | Yes |
| 10.1. I certify that a copy of the TCEQ approved Plan required by the Edwards Aquifer Rule (30 TAC Chapter 213) is either included or referenced in the Stormwater Pollution Prevention Plan. | Yes |
| 11) I certify that a stormwater pollution prevention plan has been developed, will be implemented prior to construction, and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the general permit TXR150000. Note: For multiple operators who operate under a shared SWP3, the confirmation of an operator may be limited to its obligations under the SWP3 provided all obligations are confirmed by at least one operator. | Yes |

Certification

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

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

1. I am Lanette Lowden, the owner of the STEERS account ER014191.

2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Construction Notice of Change.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OPERATOR Signature: Lanette Lowden OPERATOR

Account Number:	ER014191
Signature IP Address:	71.40.26.30
Signature Date:	2017-08-07
Signature Hash:	48E0866C996A2E21703F1B16C06AC93F0BAF92B6F1E15926881C2AF20017DBD9
Form Hash Code at time of Signature:	FCC263634AAD19C0942034D35CBE5E5DCFCDC3C8962A117CED54D581C0EF910

Submission

Reference Number:	The application reference number is 176775
Submitted by:	The application was submitted by ER014191/Lanette Lowden
Submitted Timestamp:	The application was submitted on 2017-08-07 at 13:16:41 CDT
Submitted From:	The application was submitted from IP address 71.40.26.30
Confirmation Number:	The confirmation number is 157970
Steers Version:	The STEERS version is 6.11
Permit Number:	The permit number is TXR150029235

Additional Information

Application Creator: This account was created by Amber Scheler

COMPLIANCE RESOURCES I N C O R P O R A T E D

CERTIFIED MAIL
70163010000093464336

July 24, 2017

T.X.D.O.T.
RECEIVED

AUG 09 2017

TxDOT – San Antonio District Office
Attn: MS4 Dept. / TCEQ Notices
4615 NW Loop 410
San Antonio, TX 78229

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

RE: Notice of Change for Cottonwood Creek, Phase 3, Section 1

To Whom It May Concern:

As required by the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from construction sites, enclosed is a copy of the signed Notice(s) for Storm Water Discharges Associated with Construction Activity under a TPDES General Permit. Please feel free to contact us if you have any questions.

Sincerely,



Misti Shafer

Enc.: copy of STEERS Notice of Intent and STEERS Notice of Change



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Texas Pollutant Discharge Elimination System
Stormwater Construction General Permit

The Notice of Intent (NOI) for the facility listed below was received on March 21, 2016. The intent to discharge stormwater associated with construction activity under the terms and conditions imposed by the Texas Pollutant Discharge Elimination System (TPDES) stormwater construction general permit TXR150000 is acknowledged. Your facility's TPDES construction stormwater general permit number is:

TXR150024594

Coverage Effective: March 21, 2016

TCEQ's stormwater construction general permit requires certain stormwater pollution prevention and control measures, possible monitoring and reporting, and periodic inspections. Among the conditions and requirements of this permit, you must have prepared and implemented a stormwater pollution prevention plan (SWP3) that is tailored to your construction site. As a facility authorized to discharge under the stormwater construction general permit, all terms and conditions must be complied with to maintain coverage and avoid possible penalties.

Project/Site Information:

RN109140269
COTTONWOOD CREEK PHASE 1 SECTION 2
NORTHEAST OF THE INTERSECTION OF
MONTERREY OAK AND STATE HIGHWAY 123
SAN MARCOS, TX 78666
HAYS County

Operator:

CN601213523
CONTINENTAL HOMES OF TEXAS LP
210 W HUTCHISON ST
SAN MARCOS, TX 78666

This permit expires on March 05, 2018, unless otherwise amended. If you have any questions related to processing, you may contact the Stormwater Processing Center by email at swpermit@tceq.texas.gov or by telephone at (512) 239-3700. For technical issues, you may contact the stormwater technical staff by email at swgp@tceq.texas.gov or by telephone at (512) 239-4671. Also, you may obtain information on the TCEQ web site at http://www2.tceq.texas.gov/wq_dpa/index.cfm. A copy of this document should be kept with your SWP3.

Issued Date: March 21, 2016

A handwritten signature in black ink, appearing to read "R. A. Hight".

FOR THE COMMISSION

Texas Commission on Environmental Quality
Construction Notice of Intent

Site Information (Regulated Entity)

What is the name of the site to be authorized?	COTTONWOOD CREEK, PHASE 1, SECTION 2
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	NORTHEAST OF THE INTERSECTION OF MONTERREY OAK AND STATE HIGHWAY 123
City	SAN MARCOS
State	TX
ZIP	78666
County	HAYS
Latitude (N) (##.#####)	29.825833
Longitude (W) (-###.#####)	-97.941667
Primary SIC Code	1521
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	
What is the name of the Regulated Entity (RE)?	COTTONWOOD CREEK, PHASE 1, SECTION 2
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	NORTHEAST OF THE INTERSECTION OF MONTERREY OAK AND STATE HIGHWAY 123
City	SAN MARCOS
State	TX
ZIP	78666
County	HAYS
Latitude (N) (##.#####)	29.825833
Longitude (W) (-###.#####)	-97.941667
What is the primary business of this entity?	HOMEBUILDER

CONTINUE-Customer (Applicant) Information

How is this applicant associated with this site?	OPERATOR
What is the applicant's Customer Number (CN)?	CN601213523
Type of Customer	Partnership
Full legal name of the applicant:	
Legal Name	CONTINENTAL HOMES OF TEXAS LP
Texas SOS Filing Number	9022810

Federal Tax ID	742791904
State Franchise Tax ID	17427919042
DUNS Number	79047369
Number of Employees	0-20
Independently Owned and Operated?	No
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	CONTINENTAL HOMES OF TEXAS LP
Prefix	
First	MATTHEW
Middle	K.
Last	TRENNER
Suffix	
Title	CITY MANAGER
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	210 W HUTCHISON ST
Routing (such as Mail Code, Dept., or Attn:)	
City	SAN MARCOS
State	TX
ZIP	78666
Phone (###-###-####)	5128053625
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	8002764890
E-mail	

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name	CRI
Prefix	
First	MISTI
Middle	
Last	SHAFFER
Suffix	
Title	SWP3 MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic PO BOX 3000

Mailing Address (include Suite or Bldg. here, if applicable)	
Routing (such as Mail Code, Dept., or Attn:)	# 246
City	GEORGETOWN
State	TX
ZIP	78627
Phone (###-###-####)	5129307733
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	5128647629
E-mail	MISTI@COMPLIANCERESOURCESINC.COM

CNOI General Characteristics

1) Is the project located on Indian Country Lands?	No
2) Is your construction activity associated with a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources?	No
3) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site?	1521
4) If applicable, what is the Secondary SIC Code(s)?	
5) Is the project site part of a larger common plan of development or sale?	Yes
6) What is the total number of acres disturbed?	9
7) What is the name of the first water body(s) to receive the stormwater runoff or potential runoff from the site?	COTTONWOOD CREEK
8) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach?	1808
9) Is the discharge into an MS4?	Yes
9.1. What is the name of the MS4 Operator?	CITY OF SAN MARCOS
10) Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) List of impaired waters?	No
11) Is the discharge or potential discharge within the Recharge Zone, Contributing zone, or Contributing zone within the Transition zone of the Edwards Aquifer, as defined in 30 TAC Chapter 213?	No
12) I certify that a stormwater pollution prevention plan has been developed, will be implemented prior to construction, and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the general permit TXR150000. Note: For multiple operators who prepare a shared SWP3, the confirmation of	Yes

an operator may be limited to its obligations under the SWP3 provided all obligations are confirmed by at least one operator.

13) I certify that I have obtained a copy and understand the terms and conditions of the Construction General Permit (TXR150000). Yes

14) I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed. Yes

Certification

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

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

1. I am Matthew K Trenner, the owner of the STEERS account ER044233.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Construction Notice of Intent.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OPERATOR Signature: Matthew K Trenner OPERATOR

Account Number:	ER044233
Signature IP Address:	208.87.232.180
Signature Date:	2016-03-20
Signature Hash:	B69E0365F203B49FDA33A275A62563F45CD4331E562B1537A8035550A1DAC4AB
Form Hash Code at time of Signature:	D5937D1662246B77F386B283E755D75E020314FF39249627106C3441B7EC63F4

Fee Payment

Transaction by: The application fee payment transaction was made by ER044233/Matthew K Trenner

Paid by: The application fee was paid by MATTHEW TRENNER
Fee Amount: \$225.00
Paid Date: The application fee was paid on 2016-03-20
Transaction/Voucher number: The transaction number is 582EA000217105 and the voucher number is 273449

Submission

Reference Number: The application reference number is 127655
Submitted by: The application was submitted by ER011651/Misti M Shafer
Submitted Timestamp: The application was submitted on 2016-03-21 at 08:55:16 CDT
Submitted From: The application was submitted from IP address 104.36.123.248
Confirmation Number: The confirmation number is 119589
Steers Version: The STEERS version is 6.00

Additional Information

Application Creator: This account was created by Misti M Shafer

Texas Commission on Environmental Quality
Construction Notice of Change
 TXR150024594

Site Information (Regulated Entity)

What is the name of the site to be authorized?	COTTONWOOD CREEK PHASE 1 SECTIONS 2 3 4 AND SPOILS AREA
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	NORTHEAST OF THE INTERSECTION OF MONTERREY OAK AND STATE HIGHWAY 123
City	SAN MARCOS
State	TX
ZIP	78666
County	HAYS
Latitude (N) (##.#####)	29.825833
Longitude (W) (-###.#####)	-97.941667
Primary SIC Code	1521
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN109140269
What is the name of the Regulated Entity (RE)?	COTTONWOOD CREEK PHASE 1 SECTION 2
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	NORTHEAST OF THE INTERSECTION OF MONTERREY OAK AND STATE HIGHWAY 123
City	SAN MARCOS
State	TX
ZIP	78666
County	HAYS
Latitude (N) (##.#####)	29.825833
Longitude (W) (-###.#####)	-97.941667
What is the primary business of this entity?	HOMEBUILDER

Customer (Applicant) Information

How is this applicant associated with this site?	Operator
What is the applicant's Customer Number (CN)?	CN601213523
Type of Customer	Partnership
Full legal name of the applicant:	
Legal Name	Continental Homes Of Texas, L.P.
Texas SOS Filing Number	9022810
Federal Tax ID	742791904

COMPLIANCE RESOURCES
I N C O R P O R A T E D

CERTIFIED MAIL
70163010000093465142

September 22, 2017

RECEIVED

OCT 05 2017

TxDOT – San Antonio District Office
Attn: MS4 Dept. / TCEQ Notices
4615 NW Loop 410
San Antonio, TX 78229

DISTRICT MAILROOM

RE: Notice of Change for Trace, PID Phase 1B

To Whom It May Concern:

As required by the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from construction sites, enclosed is a copy of the signed Notice(s) for Storm Water Discharges Associated with Construction Activity under a TPDES General Permit. Please feel free to contact us if you have any questions.

Sincerely,



Misti Shafer

Enc.: copy of STEERS Notice of Intent and STEERS Notice of Change

Texas Commission on Environmental Quality

Construction Notice of Change

TXR15805B

RECEIVED

OCT 05 2017

DISTRICT MAILROOM

Site Information (Regulated Entity)

What is the name of the site to be authorized?	TRACE
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	SOUTHWEST OF THE INTERSECTION OF POSEY ROAD AND COFFEE ROAD
City	SAN MARCOS
State	TX
ZIP	78666
County	HAYS
Latitude (N) (##.#####)	29.808568
Longitude (W) (-###.#####)	-97.988007
Primary SIC Code	6552
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN109739250
What is the name of the Regulated Entity (RE)?	TRACE - PID PHASE 1A
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	SOUTHWEST OF THE INTERSECTION OF POSEY ROAD AND COFFEE ROAD
City	SAN MARCOS
State	TX
ZIP	78666
County	HAYS
Latitude (N) (##.#####)	29.808568
Longitude (W) (-###.#####)	-97.988007
What is the primary business of this entity?	GENERAL CONTRACTOR

Customer (Applicant) Information

How is this applicant associated with this site?	Operator
What is the applicant's Customer Number (CN)?	CN603613092
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	DNT Construction, LLC
Texas SOS Filing Number	801175390
Federal Tax ID	
State Franchise Tax ID	
DUNS Number	
Number of Employees	21-100
Independently Owned and Operated?	Yes
I certify that the full legal name of the entity	Yes

applying for this permit has been provided and is legally authorized to do business in Texas.

Responsible Authority Contact

Organization Name	DNT Construction, LLC
Prefix	MR
First	DEAN
Middle	
Last	TOMME
Suffix	
Title	PRESIDENT
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 6210
Routing (such as Mail Code, Dept., or Attn:)	
City	ROUND ROCK
State	TX
ZIP	78683
Phone (###-###-####)	5128376700
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	

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OCT 05 2017

DISTRICT MAILROOM

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name	CRI
Prefix	
First	MISTI
Middle	
Last	SHAFER WEBB
Suffix	
Title	SWP3 MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 2628
Routing (such as Mail Code, Dept., or Attn:)	
City	GEORGETOWN
State	TX
ZIP	78627
Phone (###-###-####)	5129307733
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	5128647629

CNOI Notice of Change General Characteristics

- | | |
|---|------------------------------------|
| 1) What are you proposing to change from what was last provided for this permit? | Changes to General Characteristics |
| 2) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site? | 6552 |
| 3) If applicable, what is the Secondary SIC Code(s)? | |
| 4) Is the project site part of a larger common plan of development or sale? | Yes |
| 5) What is the total number of acres disturbed? | 56 |
| 6) What is the name of the first water body(s) to receive the stormwater runoff or potential runoff from the site? | YORK CREEK |
| 7) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach? | 1808 |
| 8) Is the discharge into an MS4? | Yes |
| 8.1. What is the name of the MS4 Operator? | CITY OF SAN MARCOS, TXDOT |
| 9) Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) List of impaired waters? | No |
| 10) Is the discharge or potential discharge within the Recharge Zone, Contributing zone, or Contributing zone within the Transition zone of the Edwards Aquifer, as defined in 30 TAC Chapter 213? | No |
| 11) I certify that a stormwater pollution prevention plan has been developed, will be implemented prior to construction, and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the general permit TXR150000. Note: For multiple operators who operate under a shared SWP3, the confirmation of an operator may be limited to its obligations under the SWP3 provided all obligations are confirmed by at least one operator. | Yes |

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 OCT 05 2017
 DISTRICT MAILROOM

Certification

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

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

1. I am Dean Tomme, the owner of the STEERS account ER020930.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.

5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Construction Notice of Change.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OPERATOR Signature: Dean Tomme OPERATOR

Account Number:	ER020930
Signature IP Address:	50.84.227.3
Signature Date:	2017-10-02
Signature Hash:	EC0F5AF7EC4821C84B337E32200AF398F907322EA6397DC2B351DFFD289652B9
Form Hash Code at time of Signature:	A14B4CB14C20358A95E37287BD1F7813A0C885CCC83BAE061902FF018E770783

Submission

Reference Number:	The application reference number is 186268
Submitted by:	The application was submitted by ER043709/Pedro A Perez JR
Submitted Timestamp:	The application was submitted on 2017-10-02 at 09:23:39 CDT
Submitted From:	The application was submitted from IP address 50.84.227.3
Confirmation Number:	The confirmation number is 166376
Steers Version:	The STEERS version is 6.11
Permit Number:	The permit number is TXR15805B

Additional Information

Application Creator: This account was created by Amber Scheler

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OCT 05 2017

DISTRICT MAILROOM

COMPLIANCE RESOURCES INCORPORATED

CERTIFIED MAIL
70163010000093464312

July 24, 2017

TxDOT – San Antonio District Office
Attn: MS4 Dept. / TCEQ Notices
4615 NW Loop 410
San Antonio, TX 78229

RE: Texas Commission on Environmental Quality (TCEQ) Notice(s) for
Cottonwood Creek, Phase 3, Section 1

To Whom It May Concern:

As required by the TCEQ General Order, you are hereby notified that the following copies of storm water runoff from construction sites, erosion control measures, and other activities associated with the Discharges Associated with Construction (DAC) permit for Storm Water Discharges Associated with Construction (SWDCA) permit. Please feel free to contact us if you have any questions.

To: Austin District
MS4 Coordinator

(2) Copies of CGP-NOI's
for Hays County that
were sent to SAT District

From: Theresa Canales
SAT District
8.17.2017

Sincerely,



Misti Shafer

Enc.: copy of STEERS NOI application with TPDES TXR150000 permit number (~ 6 pages)

Texas Commission on Environmental Quality

Construction Notice of Intent

Site Information (Regulated Entity)

What is the name of the site to be authorized?	COTTONWOOD CREEK, PHASE 3, SECTION 1
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	SOUTHEAST OF THE INTERSECTION OF RATTLER ROAD AND GUADALUPE STREET SH 123
City	SAN MARCOS
State	TX
ZIP	78666
County	<u>HAYS</u>
Latitude (N) (##.#####)	29.815229
Longitude (W) (-###.#####)	-97.942317
Primary SIC Code	6552
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	
What is the name of the Regulated Entity (RE)?	COTTONWOOD CREEK, PHASE 3, SECTION 1
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	SOUTHEAST OF THE INTERSECTION OF RATTLER ROAD AND GUADALUPE STREET SH 123
City	SAN MARCOS
State	TX
ZIP	78666
County	HAYS
Latitude (N) (##.#####)	29.815229
Longitude (W) (-###.#####)	-97.942317
What is the primary business of this entity?	GENERAL CONTRACTOR

Customer (Applicant) Information

How is this applicant associated with this site?	Operator
What is the applicant's Customer Number (CN)?	CN603613092
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	DNT Construction, LLC
Texas SOS Filing Number	801175390
Federal Tax ID	
State Franchise Tax ID	
DUNS Number	
Number of Employees	21-100
Independently Owned and Operated?	Yes
I certify that the full legal name of the entity	Yes

applying for this permit has been provided and is legally authorized to do business in Texas.

Responsible Authority Contact

Organization Name	DNT Construction, LLC
Prefix	
First	DEAN
Middle	
Last	TOMME
Suffix	
Title	PRESIDENT
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 6210
Routing (such as Mail Code, Dept., or Attn:)	
City	ROUND ROCK
State	TX
ZIP	78683
Phone (###-###-####)	5128376700
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name	CRI
Prefix	
First	MISTI
Middle	
Last	SHAFER-WEBB
Suffix	
Title	SWPPP MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 2628
Routing (such as Mail Code, Dept., or Attn:)	
City	GEORGETOWN
State	TX
ZIP	78627
Phone (###-###-####)	5129307733
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	5128647629

E-mail

MISTI@COMPLIANCERESOURCESINC.COM

CNOI General Characteristics

- | | |
|---|------------------------------|
| 1) Is the project located on Indian Country Lands? | No |
| 2) Is your construction activity associated with a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources? | No |
| 3) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site? | 6552 |
| 4) If applicable, what is the Secondary SIC Code(s)? | |
| 5) Is the project site part of a larger common plan of development or sale? | Yes |
| 6) What is the total number of acres disturbed? | 39 |
| 7) What is the name of the first water body(s) to receive the stormwater runoff or potential runoff from the site? | COTTONWOOD CREEK, LONG CREEK |
| 8) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach? | 1808 |
| 9) Is the discharge into an MS4? | Yes |
| 9.1. What is the name of the MS4 Operator? | CITY OF SAN MARCOS, TXDOT |
| 10) Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) List of impaired waters? | No |
| 11) Is the discharge or potential discharge within the Recharge Zone, Contributing zone, or Contributing zone within the Transition zone of the Edwards Aquifer, as defined in 30 TAC Chapter 213? | No |
| 12) I certify that a stormwater pollution prevention plan has been developed, will be implemented prior to construction, and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the general permit TXR150000. Note: For multiple operators who operate under a shared SWP3, the confirmation of an operator may be limited to its obligations under the SWP3 provided all obligations are confirmed by at least one operator. | Yes |
| 13) I certify that I have obtained a copy and understand the terms and conditions of the Construction General Permit (TXR150000). | Yes |
| 14) I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed. | Yes |

Certification

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

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

1. I am Dean Tomme, the owner of the STEERS account ER020930.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Construction Notice of Intent.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OPERATOR Signature: Dean Tomme OPERATOR

Account Number:	ER020930
Signature IP Address:	50.84.227.3
Signature Date:	2017-07-27
Signature Hash:	EC0F5AF7EC4821C84B337E32200AF398F907322EA6397DC2B351DFFD289652B9
Form Hash Code at time of Signature:	0D3F96625831B71624D98D03F9DFE542F20C4B863DA52B19BF97A43289ABB686

Fee Payment

Transaction by:	The application fee payment transaction was made by ER043709/Pedro A Perez JR
Paid by:	The application fee was paid by ROSS HAMBRIGHT
Fee Amount:	\$225.00
Paid Date:	The application fee was paid on 2017-07-27
Transaction/Voucher number:	The transaction number is 582EA000265497 and the voucher number is 329608

Submission

Reference Number:	The application reference number is 174986
Submitted by:	The application was submitted by ER043709/Pedro A Perez JR
Submitted Timestamp:	The application was submitted on 2017-07-27 at 08:37:26 CDT
Submitted From:	The application was submitted from IP address 50.84.227.3
Confirmation Number:	The confirmation number is 156446
Steers Version:	The STEERS version is 6.11

Additional Information

Application Creator: This account was created by Amber Scheler



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Texas Pollutant Discharge Elimination System
Stormwater Construction General Permit

The Notice of Intent (NOI) for the facility listed below was received on July 27, 2017. The intent to discharge stormwater associated with construction activity under the terms and conditions imposed by the Texas Pollutant Discharge Elimination System (TPDES) stormwater construction general permit TXR150000 is acknowledged. Your facility's TPDES construction stormwater general permit authorization number is:

TXR15385E

Coverage Effective: July 27, 2017

TCEQ's stormwater construction general permit requires certain stormwater pollution prevention and control measures, possible monitoring and reporting, and periodic inspections. Among the conditions and requirements of this permit, you must have prepared and implemented a stormwater pollution prevention plan (SWP3) that is tailored to your construction site. As a facility authorized to discharge under the stormwater construction general permit, all terms and conditions must be complied with to maintain coverage and avoid possible penalties.

Project/Site Information:

RN109872408
Cottonwood Creek Phase 3 Section 1
Southeast of The Intersection of Ratler Road And
Guadalupe Street Sh 123
San Marcos, TX 78666
Hays County

Operator:

CN603613092
Dnt Construction, LLC
PO BOX 6210
Round Rock, TX 78683

This permit expires on March 05, 2018, unless otherwise amended. If you have any questions related to processing, you may contact the Stormwater Processing Center by email at swpermit@tceq.texas.gov or by telephone at (512) 239-3700. For technical issues, you may contact the stormwater technical staff by email at swgpp@tceq.texas.gov or by telephone at (512) 239-4671. Also, you may obtain information on the TCEQ web site at http://www2.tceq.texas.gov/wq_dpa/index.cfm. A copy of this document should be kept with your SWP3.

A handwritten signature in black ink, appearing to read "P. A. H. H.", written over a horizontal line.

Issued Date: July 27, 2017

FOR THE COMMISSION

COMPLIANCE RESOURCES I N C O R P O R A T E D

CERTIFIED MAIL
70162140000010172811

T.X.D.O.T.
RECEIVED

JUL 27 2017

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

February 16, 2017

MS4 Operator
TxDOT – Austin District Office
Attn: Shirley Nichols, Env. Coordinator
P.O. Box 15426
Austin, TX 78761-5426

RE: Texas Commission on Environmental Quality (TCEQ) Notice(s) for
Garza Ranch Infrastructure and Office

To Whom It May Concern:

As required by the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from construction sites, enclosed is a copy of the signed Notice(s) for Storm Water Discharges Associated with Construction Activity under a TPDES General Permit. Please feel free to contact us if you have any questions.

Sincerely,



Misti Shafer

Enc.: copy of signed Notice of Intent Application (6 pages)



TCEQ Notice of Intent (NOI) for Stormwater Discharges Associated with Construction Activity under TPDES General Permit (TXR150000)

IMPORTANT:

- Use the **INSTRUCTIONS** to fill out each question in this form.
- Use the **CHECKLIST** to make certain all you filled out all required information. Incomplete applications **WILL** delay approval or result in automatic denial.
- Once processed your permit can be viewed at:
http://www2.tceq.texas.gov/wq_dpa/index.cfm

ePERMITS: Sign up now for online NOI: <https://www3.tceq.texas.gov/steers/index.cfm>
Pay a \$225 reduced application fee by using ePermits.

APPLICATION FEE:

- You must pay the **\$325** Application Fee to TCEQ for the paper application to be complete.
- Payment and NOI must be mailed to separate addresses.
- Did you know you can pay on line?
 - Go to <https://www3.tceq.texas.gov/epay/index.cfm>
 - Select Fee Type: GENERAL PERMIT CONSTRUCTION STORM WATER DISCHARGE NOI APPLICATION
- **Provide your payment information below, for verification of payment:**
 - Mailed Check/Money Order No.: 002149
Name Printed on Check: Brandywine Operating Partnership
 - EPAY Voucher No.: _____
 - Is the Payment Voucher copy attached? Yes

RENEWAL: Is this NOI a Renewal of an existing General Permit Authorization?
(Note: A permit cannot be renewed after June 3, 2013.)

- Yes The Permit number is: TXR15 _____
(If a permit number is not provided, a new number will be assigned.)
- No

1) OPERATOR (Applicant)

- a) If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? You may search for your CN at:**
<http://www12.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch>

CN 605311745

- b) What is the Legal Name of the entity (applicant) applying for this permit?
Brandywine Garza, LLC
 (The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal document forming the entity.)
- c) What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in TAC 305.44(a).
 Prefix (Mr. Ms. Miss): Mr.
 First/Last Name: Leon Shadowen Suffix: _____
 Title: Vice President - Development Credential: _____
- d) What is the Operator Contact's (Responsible Authority) contact information and mailing address as recognized by the US Postal Service (USPS)? You may verify the address at:
<http://zip4.usps.com/zip4/welcome.jsp>
 Phone #: (512) 306-1994 ext: _____ Fax #: _____
 E-mail: _____
 Mailing Address: 111 Congress Avenue, Suite 3000
 Internal Routing (Mail Code, Etc.): _____
 City: Austin State: TX ZIP Code: 78701
 If outside USA: Territory: _____ Country Code: _____ Postal Code: _____
- e) Indicate the type of Customer (The instructions will help determine your customer type):
- | | | |
|---|---|--|
| <input type="checkbox"/> Individual | <input checked="" type="checkbox"/> Limited Partnership | <input type="checkbox"/> Sole Proprietorship-DBA |
| <input type="checkbox"/> Joint Venture | <input type="checkbox"/> General Partnership | <input type="checkbox"/> Corporation |
| <input type="checkbox"/> Trust | <input type="checkbox"/> Estate | <input type="checkbox"/> Federal Government |
| <input type="checkbox"/> State Government | <input type="checkbox"/> County Government | <input type="checkbox"/> City Government |
| <input type="checkbox"/> Other Government | | |
- f) Independent Operator? Yes No
 (If governmental entity, subsidiary, or part of a larger corporation, check "No".)
- g) Number of Employees:
 0-20; 21-100; 101-250; 251-500; or 501 or higher
- h) Customer Business Tax and Filing Numbers:
 (REQUIRED for Corporations and Limited Partnerships. Not Required for Individuals, Government, or Sole Proprietors)
 State Franchise Tax ID Number: 32060937490
 Federal Tax ID: 274463528
 Texas Secretary of State Charter (filing) Number: 802491230
 DUNS Number (if known): _____

2) APPLICATION CONTACT

If TCEQ needs additional information regarding this application, who should be contacted?

Is the application contact the same as the applicant identified above?

- Yes, go to Section 3). No, complete section below.

Prefix (Mr. Ms. Miss): Ms.
 First/Last Name: Misti Shafer Suffix: _____
 Title: SWP3 Manager Credential: CPESC, CESSWI

Organization Name: Compliance Resources, Inc.
Phone No.: (512) 930-7733 ext: 231 Fax Number: (512) 864-7629
E-mail: misti@complianceresourcesinc.com / mshafer@complianceresourcesinc.com
Mailing Address: P.O. Box 2628
Internal Routing (Mail Code, Etc.):
City: Georgetown State: TX ZIP Code: 78627
Mailing Information if outside USA:
Territory: Country Code: Postal Code:

3) REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE

If the site of your business is part of a larger business site or if other businesses were located at this site before yours, a Regulated Entity Number (RN) may already be assigned for the larger site. Use the RN assigned for the larger site. Search TCEQ's Central Registry to see if the larger site may already be registered as a regulated site at:

<http://www12.tceq.texas.gov/crpub/index.cfm?fuseaction=regent.RNSearch>.

If the site is found, provide the assigned Regulated Entity Reference Number and provide the information for the site to be authorized through this application below. The site information for this authorization may vary from the larger site information.

- a) TCEQ issued RE Reference Number (RN): RN _____
- b) Name of project or site (the name known by the community where located):
Garza Ranch Infrastructure and Office
- c) In your own words, briefly describe the primary business of the Regulated Entity: (Do not repeat the SIC and NAICS code):
Owner/Developer
- d) County (or counties if > 1) Travis
- e) Latitude: 30.221050°N Longitude: -97.833833°W
- f) Does the site have a physical address?
 Yes, complete Section A for a physical address.
 No, complete Section B for site location information.

Section A: Enter the physical address for the site.

Verify the address with USPS. If the address is not recognized as a delivery address, provide the address as identified for overnight mail delivery, 911 emergency or other online map tools to confirm an address.

Physical Address of Project or Site:

Street Number: _____ Street Name: _____
City: _____ State: _____ ZIP Code: _____

Section B: Enter the site location information.

If no physical address (Street Number & Street Name), provide a written location access description to the site. (Ex.: located 2 miles west from intersection of Hwy 290 & IH35 accessible on Hwy 290 South)

northeast of the intersection of S. Mopac Expressway and W. William Cannon Drive

City where the site is located or, if not in a city, what is the nearest city:

Austin

State: Texas ZIP Code where the site is located: 78749

4) GENERAL CHARACTERISTICS

- a) Is the project/site located on Indian Country Lands?
 Yes - If the answer is Yes, you must obtain authorization through EPA, Region 6.
 No
- b) Is your construction activity associated with a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources?
 Yes - If the answer is Yes, you may be under jurisdiction of the Railroad Commission of Texas and may need to obtain authorization through EPA, Region 6.
 No
- c) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site?
Primary SIC Code: 6552
- d) If applicable, what is the Secondary SIC Code(s): _____
- e) What is the total number of acres disturbed? 39
- f) Is the project site part of a larger common plan of development or sale?
 Yes - If the answer is Yes, the total number of acres disturbed can be less than 5 acres.
 No - If the answer is No, the total number of acres disturbed must be 5 or more. If the total number of acres disturbed is less than 5 then the project site does not qualify for coverage through this Notice of Intent. Coverage will be denied. See the requirements in the general permit for small construction sites.
- g) What is the name of the first water body(s) to receive the stormwater runoff or potential runoff from the site?
Williamson Creek
- h) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach?
1427B

i) Is the discharge into an MS4?

Yes - If the answer is Yes, provide the name of the MS4 operator below.

No

If Yes, provide the name of the MS4 operator:

City of Austin and TxDOT

Note: The general permit requires you to send a copy of the NOI to the MS4 operator.

j) Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) List of impaired waters?

Yes - If the answer is Yes, provide the name(s) of the impaired water body(s) below.

No

If Yes, provide the name(s) of the impaired water body(s):

k) Is the discharge or potential discharge within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer as defined in 30 TAC Chapter 213?

Yes - If the answer is Yes, complete certification below by checking "Yes."

No

I certify that a copy of the TCEQ approved Plan required by the Edwards Aquifer Rule (30 TAC Chapter 213) is either included or referenced in the Stormwater Pollution Prevention Plan.

Yes

5) CERTIFICATION

Check Yes to the certifications below. Failure to indicate Yes to **ALL** items may result in denial of coverage under the general permit.

- a) I certify that I have obtained a copy and understand the terms and conditions of the Construction General Permit (TXR150000). Yes
- b) I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas. Yes
- c) I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed. Yes
- d) I certify that a Stormwater Pollution Prevention Plan has been developed, will be implemented prior to construction and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the general permit TXR150000. Note: For multiple operators who prepare a shared SWP3, the confirmation of an operator may be limited to its obligations under the SWP3 provided all obligations are confirmed by at least one operator. Yes

Operator Certification:

I, Leon Shadowen Vice President - Development
Typed or printed name Title

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

Signature:  Date: 7.19.17
(Use blue ink)

August 9, 2017

Texas Department of Transportation
ATTN: **Mario R. Jorge, P.E.**
4615 NW Loop 410
San Antonio, Texas 78229-0928

Mr. Mario R. Jorge, P.E.,

As required by the Texas Commission on Environmental Quality's (TCEQ) Texas Pollutant Discharge Elimination System (TPDES) Construction General Permit, Lower Colorado River Authority (LCRA) is sending TXDOT a Notice of Intent (NOI). This notice is required to be sent to the operator of the Municipal Separate Storm Sewer System (MS4), which receives the storm water discharge from a construction site. LCRA will be constructing/upgrading an existing Transmission Services Corporation (TSC) Henne to McCarty Lane (T-233) TL Upgrade (~6.6 miles) 138-kV transmission line from 159 MVA to 380 MVA with 959 ACSS Suwannee conductors. Replace existing lattice towers with steel pole structures in Hays County, Texas. Information about this permit can be found at the following website:

http://www.tceq.state.tx.us/nav/permits/wq_construction.html.

This letter is a requirement of the TPDES permit to inform you about construction sites that drain to your MS4 system. Please call me at 512-468-1117 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Chance Simpson", with a circled "E" at the end of the signature.

Chance Simpson
LCRA Environmental Coordinator

Enclosures (5)



LARGE CONSTRUCTION SITE NOTICE

FOR THE
 Texas Commission on Environmental Quality (TCEQ)
 Stormwater Program
TPDES GENERAL PERMIT TXR150000

“PRIMARY OPERATOR” NOTICE

This notice applies to construction sites operating under Part II.E.3. of the TPDES General Permit Number TXR150000 for discharges of stormwater runoff from construction sites equal to or greater than five acres, including the larger common plan of development. The information on this notice is required in Part III.D.2. of the general permit. Additional information regarding the TCEQ stormwater permit program may be found on the internet at:

http://www.tceq.state.tx.us/nav/permits/wq_construction.html

Site-Specific TPDES Authorization Number:	TXR15351E
Operator Name:	Lower Colorado River Authority (LCRA)
Contact Name and Phone Number:	Erik Huebner, Sr Env. Coord. 512-730-8916 or Chance Simpson, Env. Coord, 512-468-1117
Project Description: <i>Physical address or description of the site's location, and estimated start date and projected end date, or date that disturbed soils will be stabilized.</i>	LCRA is to upgrade the 6.6-mile Henne – McCarty Lane (T233) 138-kV transmission line from 159 MVA to 380 MVA with 959 ACSS Suwannee conductors. Replace existing lattice towers with steel pole structures o Amend easements as needed to facilitate upgrade. Est. Start Date: 7/26/2016 Est. End Date: 3/31/2017
Location of Stormwater Pollution Prevention Plan:	LCRA Service Center 3505 Montopolis Drive Bldg. D Austin, Tx 78744



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Texas Pollutant Discharge Elimination System
Stormwater Construction General Permit

The Notice of Intent (NOI) for the facility listed below was received on July 25, 2017. The intent to discharge stormwater associated with construction activity under the terms and conditions imposed by the Texas Pollutant Discharge Elimination System (TPDES) stormwater construction general permit TXR150000 is acknowledged. Your facility's TPDES construction stormwater permit authorization number is:

TXR15351E

Coverage Effective: July 25, 2017

TCEQ's stormwater construction general permit requires certain stormwater pollution prevention and control measures, possible monitoring and reporting, and periodic inspections. Among the conditions and requirements of this permit, you must have prepared and implemented a stormwater pollution prevention plan (SWP3) that is tailored to your construction site. As a facility authorized to discharge under the stormwater construction general permit, all terms and conditions must be complied with to maintain coverage and avoid possible penalties.

Project/Site Information:

RN109870071
Henne To Mccarty Lane East T-233 TI Upgrade
1502 E Mccarty Ln
San Marcos, TX 78666
Hays County

Operator:

CN600253637
Lower Colorado River Authority
PO BOX 220
Austin, TX 78767

This permit expires on March 05, 2018, unless otherwise amended. If you have any questions related to processing, you may contact the Stormwater Processing Center by email at swpermit@tceq.texas.gov or by telephone at (512) 239-3700. For technical issues, you may contact the stormwater technical staff by email at swgp@tceq.texas.gov or by telephone at (512) 239-4671. Also, you may obtain information on the TCEQ web site at http://www2.tceq.texas.gov/wq_dpa/index.cfm. A copy of this document should be kept with your SWP3.

Issued Date: July 25, 2017

A handwritten signature in black ink, appearing to read "R. A. Hylton".

FOR THE COMMISSION

Texas Commission on Environmental Quality
Construction Notice of Intent

Site Information (Regulated Entity)

What is the name of the site to be authorized?
Henne to McCarty Lane (East) T-233 TL Upgrade
Does the site have a physical address?
Yes
Physical Address
Number and Street
1502 E MCCARTY LN
SAN MARCOS
City
TX
State
78666
ZIP
HAYS
County
29 826669
Latitude (N) (## #####)
Longitude (W) (-##- #####)
Primary SIC Code
-98 9646
Secondary SIC Code
4911

Regulated Entity Site Information

What is the Regulated Entity's Number (RN)?
What is the name of the Regulated Entity (RE)?
Does the RE site have a physical address?
Yes
Physical Address
Number and Street
1502 E MCCARTY LN
SAN MARCOS
City
TX
State
78666
ZIP
HAYS
County
29 826669
Latitude (N) (## #####)
Longitude (W) (-##- #####)
What is the primary business of this entity?
Electric Utilities

Customer (Applicant) Information

How is this applicant associated with this site?
Operator

What is the applicant's Customer Number (CN)?
CN6002E3637
Type of Customer
Other Government
Full legal name of the applicant:
Lower Colorado River Authority
Legal Name
Texas SOS Filing Number
Federal Tax ID
State Franchise Tax ID
DUNS Number
Number of Employees
501+
Independently Owned and Operated?
Yes
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas
Yes
Responsible Authority Contact
Organization Name
Lower Colorado River Authority
Prefix
Chance
First
Middle
Last
Simpson
Suffix
Title
Environmental Coordinator
Responsible Authority Mailing Address
Enter new address or copy one from list:
Address Type
Domestic
Mailing Address (include Suite or Bldg. here, if applicable)
PO BOX 220
Routing (such as Mail Code, Dept., or Attn)
Mailstop SC-C-409
City
AUSTIN
State
TX
ZIP
78767
Phone (###-###-####)
5124681117
Extension
Alternate Phone (###-###-####)
Fax (###-###-####)
E-mail
chance.simpson@lcra.org

Application Contact

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

1. I am Mike G Almendarez, the owner of the STEERS account ER000639.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Construction Notice of Intent.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OPERATOR Signature: Mike G Almendarez OPERATOR

Account Number: ER000639
 Signature IP Address: 198.214.249.125
 Signature Date: 2017-07-24
 Signature Hash: EDEASF19B702B568FB33CA0626EC6F9C6BB93DSABA4F4E14047E1B8354686E772
 Form Hash Code at time of Signature: E02B396EDD669916BAEBA4BAE6ACB1E120CBF7D139F9038E261DDE2E16E91AD

Fee Payment

Transaction by: The application fee payment transaction was made by ER002575/Chance Simpson
 Paid by: The application fee was paid by CHANCE SIMPSON
 Fee Amount: \$225 00

Paid Date:
 Transaction/Voucher number:

The application fee was paid on 2017-07-25
 The transaction number is 562EA000265302
 and the voucher number is 329403

Submission

Reference Number:
 Submitted by:

The application reference number is 174938
 The application was submitted by ER002575/Chance Simpson

Submitted Timestamp:

The application was submitted on 2017-07-25 at 14:24:19 CDT

Submitted From:

The application was submitted from IP address 198.214.249.125

Confirmation Number:

The confirmation number is 156281

Steers Version:

The STEERS version is 6.11

Additional Information

Application Creator: This account was created by Chance Simpson



JUL 31 2017

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

AUG 01 2017

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

Absolute Performance . . .

A Quanta Services Company

IRBY Construction Company
P.O. Box 688
Comfort, TX 78013
Tel. (601) 209-2752
Email: sbradshaw@irbyconst.com
Internet: www.irbyconst.com
Street Address:
46 U.S. Hwy. 87 N.
Comfort, TX 78013

July 28, 2017

Texas Department of Transportation
ATTN: Terry McCoy, P.E.
P.O. Box 15426
Austin, TX 78761-5426

Mr. Terry McCoy, P.E.,

As required by the Texas Commission on Environmental Quality's (TCEQ) Texas Pollutant Discharge Elimination System (TPDES) Construction General Permit, LCRA is sending TXDOT a Notice of Intent (NOI). This notice is required to be sent to the operator of the Municipal Separate Storm Sewer System (MS4), which receives the storm water discharge from a construction site. LCRA Transmission Services Corporation (TSC) will be undertaking the Henne to McCarty Lane East T-233 project which includes upgrading electrical transmission lines in Hays County, Texas. Information about this permit can be found at the following website:

http://www.tceq.state.tx.us/nav/permits/wq_construction.html.

This letter is a requirement of the TPDES permit to inform you about construction sites that drain to your MS4 system. Enclosed please find the CNOI, Large Construction Site Notice & General Permit. Please call me at (601) 209-2752 if you have any questions.

Sincerely,

Stuart Bradshaw

Irby Construction Company
Tel. (601) 209-2752
Email: sbradshaw@irbyconst.com

Texas Commission on Environmental Quality

Construction Notice of Intent

Site Information (Regulated Entity)

What is the name of the site to be authorized?	HENNE TO MCCARTY LANE EAST T-233 TL UPGRADE
Does the site have a physical address?	Yes
Physical Address	
Number and Street	1502 E MCCARTY LN
City	SAN MARCOS
State	TX
ZIP	78666
County	HAYS
Latitude (N) (##.#####)	29.826669
Longitude (W) (-###.#####)	-98.9646
Primary SIC Code	4911
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN109870071
What is the name of the Regulated Entity (RE)?	HENNE TO MCCARTY LANE EAST T-233 TL UPGRADE
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	1502 E MCCARTY LN
City	SAN MARCOS
State	TX
ZIP	78666
County	HAYS
Latitude (N) (##.#####)	29.826669
Longitude (W) (-###.#####)	-98.9646
What is the primary business of this entity?	ELECTRIC UTILITES

Customer (Applicant) Information

How is this applicant associated with this site?	Operator
What is the applicant's Customer Number (CN)?	CN602607590
Type of Customer	Corporation
Full legal name of the applicant:	

Legal Name	Irby Construction Company
Texas SOS Filing Number	12932006
Federal Tax ID	640902002
State Franchise Tax ID	16409020027
DUNS Number	
Number of Employees	21-100
Independently Owned and Operated?	Yes
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	Irby Construction Company
Prefix	MR
First	Stuart
Middle	
Last	Bradshaw
Suffix	
Title	Assistant Superintendent
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 688
Routing (such as Mail Code, Dept., or Attn:)	
City	COMFORT
State	TX
ZIP	78013
Phone (###-###-####)	6012092752
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	sbradshaw@irbyconst.com

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	CN602607590, Irby Construction Company
Organization Name	Irby Construction Company
Prefix	MR
First	Stuart
Middle	

Last	Bradshaw
Suffix	
Title	Assistant Superintendent
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 688
Routing (such as Mail Code, Dept., or Attn:)	
City	COMFORT
State	TX
ZIP	78013
Phone (###-###-####)	6012092752
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	sbradshaw@irbyconst.com

CNOI General Characteristics

1) Is the project located on Indian Country Lands?	No
2) Is your construction activity associated with a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources?	No
3) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site?	4911
4) If applicable, what is the Secondary SIC Code(s)?	
5) Is the project site part of a larger common plan of development or sale?	No
6) What is the total number of acres disturbed?	32
7) What is the name of the first water body(s) to receive the stormwater runoff or potential runoff from the site?	York Creek, Water Hole Creek, Caney Creek
8) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach?	1804 1808
9) Is the discharge into an MS4?	Yes
9.1. What is the name of the MS4 Operator?	Tx Dept of Transportation
10) Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) List of impaired waters?	Yes

- 10.1. What is the name(s) of the impaired water body(s) receiving the discharges from the construction site? Geronimor Creek
- 11) Is the discharge or potential discharge within the Recharge Zone, Contributing zone, or Contributing zone within the Transition zone of the Edwards Aquifer, as defined in 30 TAC Chapter 213? No
- 12) I certify that a stormwater pollution prevention plan has been developed, will be implemented prior to construction, and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the general permit TXR150000. Note: For multiple operators who operate under a shared SWP3, the confirmation of an operator may be limited to its obligations under the SWP3 provided all obligations are confirmed by at least one operator. Yes
- 13) I certify that I have obtained a copy and understand the terms and conditions of the Construction General Permit (TXR150000). Yes
- 14) I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed. Yes

Certification

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

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

1. I am David L McGee, the owner of the STEERS account ER026480.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Construction Notice of Intent.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OPERATOR Signature: David L Mcgee OPERATOR

Account Number: ER026480
Signature IP Address: 69.4.50.59
Signature Date: 2017-07-28
Signature Hash: CA0B7C2954F32CF1E9AA1656D11BD9F77C17F952252AF207CB3307952C773F37
Form Hash Code at time of Signature: 8F4F87B55AF004473A4F8E921520C63B09C32642E7B9F160F1FFA5759F6B0C08

Fee Payment

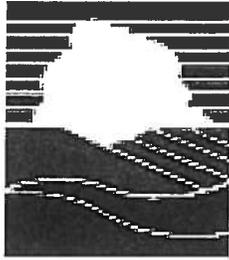
Transaction by: The application fee payment transaction was made by ER026480/David L Mcgee
Paid by: The application fee was paid by STUART BRADSHAW
Fee Amount: \$225.00
Paid Date: The application fee was paid on 2017-07-28
Transaction/Voucher number: The transaction number is 582EA000265686 and the voucher number is 329808

Submission

Reference Number: The application reference number is 175766
Submitted by: The application was submitted by ER026480/David L Mcgee
Submitted Timestamp: The application was submitted on 2017-07-28 at 09:59:59 CDT
Submitted From: The application was submitted from IP address 69.4.50.59
Confirmation Number: The confirmation number is 156660
Steers Version: The STEERS version is 6.11

Additional Information

Application Creator: This account was created by David L Mcgee



LARGE CONSTRUCTION SITE NOTICE

FOR THE
Texas Commission on Environmental Quality (TCEQ)
Stormwater Program
TPDES GENERAL PERMIT TXR150000

“PRIMARY OPERATOR” NOTICE

This notice applies to construction sites operating under Part II.E.3. of the TPDES General Permit Number TXR150000 for discharges of stormwater runoff from construction sites equal to or greater than five acres, including the larger common plan of development. The information on this notice is required in Part III.D.2. of the general permit. Additional information regarding the TCEQ stormwater permit program may be found on the internet at:

http://www.tceq.state.tx.us/nav/permits/wq_construction.html

Site-Specific TPDES Authorization Number:	TXR 15419E
Operator Name:	Lower Colorado River Authority (LCRA)
Contact Name and Phone Number:	Stuart Bradshaw (601) 209-2752
Project Description: <i>Physical address or description of the site's location, and estimated start date and projected end date, or date that disturbed soils will be stabilized.</i>	IRBY construction is to upgrade the 6.6-mile Henne – McCarty Lane (T233) 138-kV transmission line from 159 MVA to 380 MVA with 959 ACSS Suwannee conductors. Replace existing lattice towers with steel pole structures o Amend easements as needed to facilitate upgrade.. Est. Start Date: 7/26/2016 Est. End Date: 3/31/2017
Location of Stormwater Pollution Prevention Plan:	LCRA Service Center 3505 Montopolis Drive Bldg. D Austin, Tx 78744



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Texas Pollutant Discharge Elimination System
Stormwater Construction General Permit

The Notice of Intent (NOI) for the facility listed below was received on July 28, 2017. The intent to discharge stormwater associated with construction activity under the terms and conditions imposed by the Texas Pollutant Discharge Elimination System (TPDES) stormwater construction general permit TXR150000 is acknowledged. Your facility's TPDES construction stormwater general permit authorization number is:

TXR15419E

Coverage Effective: July 28, 2017

TCEQ's stormwater construction general permit requires certain stormwater pollution prevention and control measures, possible monitoring and reporting, and periodic inspections. Among the conditions and requirements of this permit, you must have prepared and implemented a stormwater pollution prevention plan (SWP3) that is tailored to your construction site. As a facility authorized to discharge under the stormwater construction general permit, all terms and conditions must be complied with to maintain coverage and avoid possible penalties.

Project/Site Information:

RN109870071
Henne To Mccarty Lane East T-233 T1 Upgrade
1502 E Mccarty Ln
San Marcos, TX 78666
Hays County

Operator:

CN602607590
Irby Construction Company
PO BOX 688
Comfort, TX 78013

This permit expires on March 05, 2018, unless otherwise amended. If you have any questions related to processing, you may contact the Stormwater Processing Center by email at swpermit@tceq.texas.gov or by telephone at (512) 239-3700. For technical issues, you may contact the stormwater technical staff by email at swgp@tceq.texas.gov or by telephone at (512) 239-4671. Also, you may obtain information on the TCEQ web site at http://www2.tceq.texas.gov/wq_dpa/index.cfm. A copy of this document should be kept with your SWP3.

Issued Date: July 28, 2017

A handwritten signature in black ink, appearing to read "R. A. Hyl".

FOR THE COMMISSION

COMPLIANCE RESOURCES
I N C O R P O R A T E D

CERTIFIED MAIL
70161970000059726507

T.X.D.O.T.
RECEIVED

JAN 30 2017

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

January 18, 2017

MS4 Operator
TxDOT – Austin District Office
Attn: Shirley Nichols, Env. Coordinator
P.O. Box 15426
Austin, TX 78761-5426

RE: Texas Commission on Environmental Quality (TCEQ) Notice(s) for
F.M. 973 Wastewater Line Improvements

To Whom It May Concern:

As required by the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from construction sites, enclosed is a copy of the signed Notice(s) for Storm Water Discharges Associated with Construction Activity under a TPDES General Permit. Please feel free to contact us if you have any questions.

Sincerely,



Misti Shafer

Enc.: copy of STEERS NOI application with TPDES TXR150000 permit number (~ 6 pages)

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 18, 2017

Dear Applicant:

Re: TPDES General Permit for Construction Stormwater Runoff
Stormwater Notice of Intent Authorization

Your Notice of Intent application for authorization under the general permit for discharge of stormwater associated with construction activities has been received. Pursuant to authorization from the Executive Director of the Texas Commission on Environmental Quality, the Division Director of the Water Quality Division has issued the enclosed Certificate.

Please refer to the attached certificate for the identification number that was assigned to your project/site and the effective date. Please use this number to reference this project/site for future communications with the Texas Commission on Environmental Quality (TCEQ).

Authorization under the Edwards Aquifer Protection Program is required before construction can begin where the site is located within the Edwards Aquifer Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone. See <http://www.tceq.texas.gov/field/eapp/program.html> for additional information.

A Notice of Termination must be submitted when permit coverage is no longer needed. You may submit the Notice of Termination form electronically as well. **It is the responsibility of the Operator to notify the TCEQ Stormwater Processing center of any change in address supplied on the original Notice of Intent by submitting a Notice of Change.**

For questions related to processing of forms you may contact the Stormwater Processing Center by email at swpermit@tceq.texas.gov or by telephone at (512) 239-3700. If you have any questions regarding coverage under this general permit or other technical issues, you may contact the Stormwater technical staff by email at swgp@tceq.texas.gov or by telephone at (512) 239-4671. Also, you may obtain information on the stormwater web site at www.tceq.texas.gov.

Sincerely,

A handwritten signature in cursive script that reads "David W Galindo".

David W. Galindo, Director

Water Quality Division

Texas Commission on Environmental Quality



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Texas Pollutant Discharge Elimination System
Stormwater Construction General Permit

The Notice of Intent (NOI) for the facility listed below was received on January 18, 2017. The intent to discharge stormwater associated with construction activity under the terms and conditions imposed by the Texas Pollutant Discharge Elimination System (TPDES) stormwater construction general permit TXR150000 is acknowledged. Your facility's TPDES construction stormwater general permit authorization number is:

TXR15078A

Coverage Effective: January 18, 2017

TCEQ's stormwater construction general permit requires certain stormwater pollution prevention and control measures, possible monitoring and reporting, and periodic inspections. Among the conditions and requirements of this permit, you must have prepared and implemented a stormwater pollution prevention plan (SWP3) that is tailored to your construction site. As a facility authorized to discharge under the stormwater construction general permit, all terms and conditions must be complied with to maintain coverage and avoid possible penalties.

Project/Site Information:

RN109619692
FM 973 Wastewater Line Improvements
Southwest of The Intersection of Pearce Lane And FM 973
Del Valle, TX 78617
Travis County

Operator:

CN604130716
Santa Clara Construction, Ltd.
9811 Anderson Mill Rd
Austin, TX 78750

This permit expires on March 05, 2018, unless otherwise amended. If you have any questions related to processing, you may contact the Stormwater Processing Center by email at swpermit@tceq.texas.gov or by telephone at (512) 239-3700. For technical issues, you may contact the stormwater technical staff by email at swgp@tceq.texas.gov or by telephone at (512) 239-4671. Also, you may obtain information on the TCEQ web site at http://www2.tceq.texas.gov/wq_dpa/index.cfm. A copy of this document should be kept with your SWP3.

Issued Date: January 18, 2017

A handwritten signature in black ink, appearing to read "R. A. Hylb".

FOR THE COMMISSION

Texas Commission on Environmental Quality
Construction Notice of Intent

Site Information (Regulated Entity)

What is the name of the site to be authorized?	F.M. 973 WASTEWATER LINE IMPROVEMENTS
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	SOUTHWEST OF THE INTERSECTION OF PEARCE LANE AND FM 973
City	DEL VALLE
State	TX
ZIP	78617
County	TRAVIS
Latitude (N) (##.#####)	30.180102
Longitude (W) (-###.#####)	-97.646411
Primary SIC Code	1623
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	
What is the name of the Regulated Entity (RE)?	F.M. 973 WASTEWATER LINE IMPROVEMENTS
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	SOUTHWEST OF THE INTERSECTION OF PEARCE LANE AND FM 973
City	DEL VALLE
State	TX
ZIP	78617
County	TRAVIS
Latitude (N) (##.#####)	30.180102
Longitude (W) (-###.#####)	-97.646411
What is the primary business of this entity?	GENERAL CONTRACTOR

Customer (Applicant) Information

How is this applicant associated with this site?	Operator
What is the applicant's Customer Number (CN)?	CN604130716
Type of Customer	Partnership
Full legal name of the applicant:	
Legal Name	SANTA CLARA CONSTRUCTION, LTD.
Texas SOS Filing Number	800438194
Federal Tax ID	
State Franchise Tax ID	32035470890
DUNS Number	

Number of Employees	21-100
Independently Owned and Operated?	Yes
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	SANTA CLARA CONSTRUCTION, LTD.
Prefix	MR
First	MICHAEL
Middle	S.
Last	HEYL
Suffix	
Title	PRESIDENT OF THE GENERAL PARTNER
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	9811 ANDERSON MILL RD
Routing (such as Mail Code, Dept., or Attn:)	SUITE 201
City	AUSTIN
State	TX
ZIP	78750
Phone (###-###-####)	5122508310
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	5122508371
E-mail	

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name	CRI
Prefix	
First	MISTI
Middle	
Last	SHAFER
Suffix	
Title	SWP3 MANAGER

Enter new address or copy one from list:

Mailing Address	
Address Type	Domestic
Mailing Address (Include Suite or Bldg. here, if applicable)	PO BOX 3000

Routing (such as Mail Code, Dept., or Attn:)	#246
City	GEORGETOWN
State	TX
ZIP	78627
Phone (###-###-####)	5129307733
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	5128647629
E-mail	MISTI@COMPLIANCERESOURCESINC.COM

CNOI General Characteristics

1) Is the project located on Indian Country Lands?	No
2) Is your construction activity associated with a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources?	No
3) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site?	1623
4) If applicable, what is the Secondary SIC Code(s)?	
5) Is the project site part of a larger common plan of development or sale?	No
6) What is the total number of acres disturbed?	15
7) What is the name of the first water body(s) to receive the stormwater runoff or potential runoff from the site?	ONION CREEK
8) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach?	1427
9) Is the discharge into an MS4?	Yes
9.1. What is the name of the MS4 Operator?	CITY OF AUSTIN, TXDOT, TRAVIS COUNTY
10) Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) List of impaired waters?	Yes
10.1. What is the name(s) of the impaired water body(s) receiving the discharges from the construction site?	ONION CREEK
11) Is the discharge or potential discharge within the Recharge Zone, Contributing zone, or Contributing zone within the Transition zone of the Edwards Aquifer, as defined in 30 TAC Chapter 213?	No
12) I certify that a stormwater pollution prevention plan has been developed, will be implemented prior to construction, and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the general permit	Yes

TXR150000. Note: For multiple operators who operate under a shared SWP3, the confirmation of an operator may be limited to its obligations under the SWP3 provided all obligations are confirmed by at least one operator.

13) I certify that I have obtained a copy and understand the terms and conditions of the Construction General Permit (TXR150000).

Yes

14) I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed.

Yes

COMPLIANCE RESOURCES
I N C O R P O R A T E D

CERTIFIED MAIL
70161970000059720079

January 6, 2017

T.X.D.O.T.
RECEIVED

JAN 13 2017

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

MS4 Operator
TxDOT – Austin District Office
Attn: Shirley Nichols, Env. Coordinator
P.O. Box 15426
Austin, TX 78761

RE: Texas Commission on Environmental Quality (TCEQ) Notice(s) for
Star Ranch - Muirfield Bend Drive, Phase 4B and Klattenhoff Lane

To Whom It May Concern:

As required by the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from construction sites, enclosed is a copy of the signed Notice(s) for Storm Water Discharges Associated with Construction Activity under a TPDES General Permit. Please feel free to contact us if you have any questions.

Sincerely,



Misti Shafer

Enc.: copy of signed Notice of Change Application (4 pages)



TCEQ Notice of Change (NOC) to an Authorization for Storm Water Discharges Associated With Construction Activity under TPDES General Permit TXR150000

IMPORTANT – Please read the following information and INSTRUCTIONS before filling out this form

ePERMITS: Sign up now for online NOC: <https://www3.tceq.texas.gov/steers/index.cfm>

This form will be returned for any of the following reasons:

- 1) The permit number is not provided, is invalid, or is no longer active,
- 2) Wet ink signature of person meeting signatory requirements is not provided,
- 3) The current permittee is not the applicant, and;
- 4) A requested change in operator name is not a legal name change.

This form cannot be used for a change in operator. Refer to your general permit for Information.

What is the permit number of the authorization to be changed?

TXR15⁰⁰²⁷³⁵²_____ or TXRCW_____

1) APPLICANT INFORMATION

- a) What is the full Legal Name of the current operator as on the authorization?
SR Investments, Ltd. _____
- b) What is the Customer Number (CN) assigned to this operator? You may search for your CN at: <http://www.tceq.texas.gov/goto/cr-customer>
CN 603298639 _____
- c) What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in TAC §305.44(a).
Prefix (Mr. Ms Miss): Mr. _____
First/Last Name: Tim Timmerman _____ Suffix: _____
Title: President of the General Partner _____ Credential: _____
- d) What is the Regulated Entity Reference Number (RN) assigned to this site?
RN 109263384 _____

2) APPLICATION CONTACT

If TCEQ needs additional information regarding this application, who should be contacted?

Prefix (Mr. Ms. Miss): _____ Suffix: _____
First/Last Name: Misti Shafer
Title: SWP3 Manager Credential: CPESC, CESSWI
Organization Name: Compliance Resources, Inc.
Phone Number: (512) 930-7733 Ext: 231 Fax Number: (512) 864-7629
E-mail: misti@complianceresourcesinc.com / mshafer@complianceresourcesinc.com
Mailing Address: P.O. Box 3000 #246
Internal Routing (Mail Code, Etc.): _____
City: Georgetown State: TX ZIP Code: 78627
Mailing Information if outside USA:
Territory: _____ Country Code: _____ Postal Code: _____

3) REQUESTED CHANGE TO PERMITTED INFORMATION

What information has changed or needs to be corrected? Check one or more of the following options and enter the new information below.

- Operator legal name change with Texas Secretary of State (TX SOS).
Go to sections a) and b) as applicable.
Note: Permits are not transferable. If a change in entity has occurred, this NOC will not be processed.
- Address and contact information for the Operator. Fill out section b).
- Site Information (Regulated Entity). Fill out section c).
Note: Permits under a general permit are site specific. If a change in site location has occurred, this NOC will not be processed.
- General characteristics relating to the regulated activity. Fill out section d).

a) Operator Legal Name Change

1. What is the NEW active Legal Name with TX SOS or on other legal document?
New Legal Name: _____
2. What is the TX SOS Filing Number for us to confirm this official name change?
This is only applicable to Limited Partnerships or Corporations.
TX SOS Filing number: _____

b) Address and Contact Information for the Operator

Verify mailing addresses with USPS:

<https://tools.usps.com/go/ZipLookupAction!input.action>

Prefix (Mr. Ms. Miss): _____ Suffix: _____
First/Last Name: _____
Title: _____ Credential: _____
Organization Name: _____
Phone Number: _____ Ext: _____ Fax Number: _____
E-mail: _____
Mailing Address: _____

Internal Routing (Mail Code, Etc.): _____
City: _____ State: _____ ZIP Code: _____
Mailing Information if outside USA:
Territory: _____ Country Code: _____ Postal Code: _____

c) Regulated Entity (Site) Information Correction

1. Is this a change to the location of the permitted activity?
 Yes – This NOC will not be processed since the authorizations are site specific.
 No – Continue with NOC form.

2. Corrected Name of Project or Site :
Star Ranch

3. Updated Physical Address (new 911 address):
Street Number: _____ Street Name: _____
City: _____ State: Texas ZIP Code: _____

4. Corrected location access description, if no physical address (street number/street name):

5. Corrected Latitude: _____ N

6. Corrected Longitude: _____ W

7. Corrected County (Counties if >1):

d) Change in General Characteristics Provided on Original Form. Identify the specific change and provide the updates information. If an attachment is needed, please reference it below:

Disturbed Acres = 38 acres
MS4 Operator = City of Hutto, Williamson County, and TxDOT

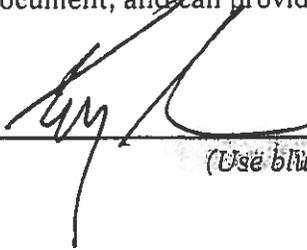
4) OPERATOR CERTIFICATION

I, Tim Timmerman President of the General Partner
Typed or printed name *Title*

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

Signature: _____



(Use blue ink)

Date: _____

1/7/07

COMPLIANCE RESOURCES
I N C O R P O R A T E D

CERTIFIED MAIL
70161970000575384
TXDOT
RECEIVED

JAN 11 2017

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

January 6, 2017

MS4 Operator
TxDOT – Austin District Office
Attn: Shirley Nichols, Env. Coordinator
P.O. Box 15426
Austin, TX 78761

RE: Notice of Change for Star Ranch - Muirfield Bend Drive, Phase 4B and Klattenhoff Lane

To Whom It May Concern:

As required by the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from construction sites, enclosed is a copy of the signed Notice(s) for Storm Water Discharges Associated with Construction Activity under a TPDES General Permit. Please feel free to contact us if you have any questions.

Sincerely,



Misti Shafer

Enc.: copy of STEERS Notice of Change

T.X.D.O.T.
RECEIVED

JAN 24 2017

DISTRICT 14 - MAIL ROOM
AUSTIN, TX



T.X.D.O.T.
RECEIVED

JAN 24 2017

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

LARGE CONSTRUCTION SITE NOTICE

FOR THE

Texas Commission on Environmental Quality (TCEQ)
Storm Water Program

TPDES GENERAL PERMIT TXR150000

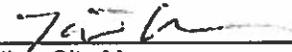
"SECONDARY OPERATOR" NOTICE

This notice applies to secondary operators of construction sites operating under Part II.E.3. of the TPDES General Permit Number TXR150000 for discharges of storm water runoff from construction sites equal to or greater than five acres, including the larger common plan of development. The information on this notice is required in Part III.D.2. of the general permit. Additional information regarding the TCEQ storm water permit program may be found on the internet at: <http://www.tceq.state.tx.us/air/water/permits/construction.html>

Site-Specific TPDES Authorization Number:	NOT APPLICABLE FOR A "SECONDARY OPERATOR" CONSTRUCTION SITE NOTICE
Operator Name:	City of Kyle
Contact Name and Phone Number:	Scott Sellers 512-262-1010
Project Description: <i>(Physical address or description of the site's location, estimated start date and projected end date, or date that disturbed soils will be stabilized)</i>	City of Kyle – Marketplace Avenue Extension Marketplace Avenue Extension from City Lights Drive to N. Burleson Street Kyle, Texas 78640 ~ 11 Acre(s) Disturbed September 2015 – September 2017
Location of Storm Water Pollution Prevention Plan:	100 W. Center Street Kyle, Texas 78640

For Large Construction Activities Authorized Under Part II.E.3. (Obtaining Authorization to Discharge) the following certification must be completed:

I **Scott Sellers** certify under penalty of law that I have read and understand the eligibility requirements for claiming an authorization under Part II.E.3. of TPDES General Permit TXR150000 and agree to comply with the terms of this permit. A storm water pollution prevention plan has been developed and will be implemented prior to construction, according to permit requirements. A copy of this signed notice is supplied to the operator of the MS4 if discharges enter an MS4. I am aware there are significant penalties for providing false information or for conducting unauthorized discharges, including the possibility of fine and imprisonment for knowing violations.

Signature: 
Corporate Title: City Manager

Date: 9-16-15

10/12/2016 Date Notice Removed

_____ MS4 operator notified per Part II.F.3.



Texas Commission on Environmental Quality
Construction NOI Notice of Termination
TXR150020464

Site Information (Regulated Entity)

What is the name of the site to be authorized?	CITY OF KYLE - MARKETPLACE AVENUE EXTENSION
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	MARKETPLACE AVENUE EXTENSION FROM CITY LIGHTS DRIVE TO N. BURLESON STREET
City	KYLE
State	TX
ZIP	78640
County	HAYS
Latitude (N) (##.#####)	30.000938
Longitude (W) (-###.#####)	-97.871457
Primary SIC Code	1611
Secondary SIC Code	1622
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN108749300
What is the name of the Regulated Entity (RE)?	CITY OF KYLE - MARKETPLACE AVENUE EXTENSION
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	MARKETPLACE AVENUE EXTENSION FROM CITY LIGHTS DRIVE TO N. BURLESON STREET
City	KYLE
State	TX
ZIP	78640
County	HAYS
Latitude (N) (##.#####)	30.000938
Longitude (W) (-###.#####)	-97.871457
What is the primary business of this entity?	GENERAL CONTRACTOR

Customer (Applicant) Information

How is this applicant associated with this site?	Operator
--	----------

What is the applicant's Customer Number (CN)?	CN600409288
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Capital Excavation Company
Texas SOS Filing Number	071144500
Federal Tax ID	742330505
State Franchise Tax ID	17423305055
DUNS Number	
Number of Employees	251-500
Independently Owned and Operated?	
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	
Responsible Authority Contact	
Organization Name	Capital Excavation Company
Prefix	
First	SCOTT
Middle	
Last	BUDD
Suffix	
Title	DIRECTOR OF COMMERCIAL AND RESIDENTIAL OPERATIONS
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 1301
Routing (such as Mail Code, Dept., or Attn:)	
City	AUSTIN
State	TX
ZIP	78767
Phone (###-###-####)	5124401717
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	5124400844
E-mail	

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name CAPITAL EXCAVATION COMPANY
 Prefix
 First SCOTT
 Middle
 Last BUDD
 Suffix
 Title DIRECTOR OF COMMERCIAL AND RESIDENTIAL OPERATIONS

Enter new address or copy one from list:

Mailing Address
 Address Type Domestic
 Mailing Address (include Suite or Bldg. here, if applicable) PO BOX 1301
 Routing (such as Mail Code, Dept., or Attn:)
 City AUSTIN
 State TX
 ZIP 78767
 Phone (###-###-####) 5124401717
 Extension
 Alternate Phone (###-###-####)
 Fax (###-###-####) 5124400844
 E-mail

Construction Notice of Intent - Termination Reason

1) What is the reason for terminating this authorization? (See instructions for descriptions of reasons.) Final stabilization has been achieved.

Certification

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

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

1. I am Scott Budd, the owner of the STEERS account ER028090.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained

- herein, that this information is true, accurate, and complete.
- 4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
- 5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
- 6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
- 7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
- 8. I am knowingly and intentionally signing Construction NOI Notice of Termination.
- 9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OPERATOR Signature: Scott Budd OPERATOR

Account Number:	ER028090
Signature IP Address:	24.227.213.210
Signature Date:	2016-10-25
Signature Hash:	25498F3C599582D2DA838AB6437FD5ADF2BF640E146B8BF09955C3BFA530ABD7
Form Hash Code at time of Signature:	2DB6266031EE5017C12A522EB386300621A8D1E12C227C40D666D1313C101013

Submission

Reference Number:	The application reference number is 133394
Submitted by:	The application was submitted by ER028090/Scott Budd
Submitted Timestamp:	The application was submitted on 2016-10-25 at 10:39:06 CDT
Submitted From:	The application was submitted from IP address 24.227.213.210
Confirmation Number:	The confirmation number is 133842
Steers Version:	The STEERS version is 6.05
Permit Number:	The permit number is TXR150020464

Additional Information

Application Creator: This account was created by Joseph S Becker

COMPLIANCE RESOURCES
I N C O R P O R A T E D

CERTIFIED MAIL
70162140000010171654

T.X.D.O.T.
RECEIVED

MAR 02 2017

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

February 16, 2017

MS4 Operator
TxDOT – Austin District Office
Attn: Shirley Nichols, Env. Coordinator
P.O. Box 15426
Austin, TX 78761-5426

RE: Texas Commission on Environmental Quality (TCEQ) Notice(s) for
Garza Ranch Infrastructure and Office

To Whom It May Concern:

As required by the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from construction sites, enclosed is a copy of the signed Notice(s) for Storm Water Discharges Associated with Construction Activity under a TPDES General Permit. Please feel free to contact us if you have any questions.

Sincerely,



Misti Shafer

Enc.: copy of STEERS NOI application with TPDES TXR150000 permit number (~ 6 pages)

Texas Commission on Environmental Quality

Construction Notice of Intent

Site Information (Regulated Entity)

What is the name of the site to be authorized?	GARZA RANCH INFRASTRUCTURE AND OFFICE
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	EAST OF THE INTERSECTION OF S. MOPAC EXPRESSWAY AND BEN GARZA LANE
City	AUSTIN
State	TX
ZIP	78749
County	TRAVIS
Latitude (N) (##.#####)	30.22105
Longitude (W) (-###.#####)	-97.833833
Primary SIC Code	6552
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	
What is the name of the Regulated Entity (RE)?	GARZA RANCH INFRASTRUCTURE AND OFFICE
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	EAST OF THE INTERSECTION OF S. MOPAC EXPRESSWAY AND BEN GARZA LANE
City	AUSTIN
State	TX
ZIP	78749
County	TRAVIS
Latitude (N) (##.#####)	30.22105
Longitude (W) (-###.#####)	-97.833833
What is the primary business of this entity?	GENERAL CONTRACTOR

Customer (Applicant) Information

How is this applicant associated with this site?	Operator
What is the applicant's Customer Number (CN)?	CN603613092
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	DNT Construction, LLC
Texas SOS Filing Number	801175390
Federal Tax ID	
State Franchise Tax ID	
DUNS Number	
Number of Employees	21-100
Independently Owned and Operated?	Yes
I certify that the full legal name of the entity	Yes

applying for this permit has been provided and is legally authorized to do business in Texas.

Responsible Authority Contact

Organization Name	DNT Construction, LLC
Prefix	MR
First	JASON
Middle	
Last	GRAY
Suffix	
Title	VICE PRESIDENT
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 6210
Routing (such as Mail Code, Dept., or Attn:)	
City	ROUND ROCK
State	TX
ZIP	78683
Phone (###-###-####)	5128376700
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	JGRAY@DNTCONSTRUCTION.COM

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name	CRI
Prefix	
First	MISTI
Middle	
Last	SHAFER
Suffix	
Title	SWP3 MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 2628
Routing (such as Mail Code, Dept., or Attn:)	
City	GEORGETOWN
State	TX
ZIP	78627
Phone (###-###-####)	5129307733
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	5128647629

E-mail

MISTI@COMPLIANCERESOURCESINC.COM

CNOI General Characteristics

- | | |
|---|--------------------------|
| 1) Is the project located on Indian Country Lands? | No |
| 2) Is your construction activity associated with a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources? | No |
| 3) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site? | 6552 |
| 4) If applicable, what is the Secondary SIC Code(s)? | |
| 5) Is the project site part of a larger common plan of development or sale? | Yes |
| 6) What is the total number of acres disturbed? | 39 |
| 7) What is the name of the first water body(s) to receive the stormwater runoff or potential runoff from the site? | WILLIAMSON CREEK |
| 8) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach? | 1427 |
| 9) Is the discharge into an MS4? | Yes |
| 9.1. What is the name of the MS4 Operator? | CITY OF AUSTIN AND TXDOT |
| 10) Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) List of impaired waters? | No |
| 11) Is the discharge or potential discharge within the Recharge Zone, Contributing zone, or Contributing zone within the Transition zone of the Edwards Aquifer, as defined in 30 TAC Chapter 213? | Yes |
| 11.1. I certify that a copy of the TCEQ approved Plan required by the Edwards Aquifer Rule (30 TAC Chapter 213) is either included or referenced in the Stormwater Pollution Prevention Plan. | Yes |
| 12) I certify that a stormwater pollution prevention plan has been developed, will be implemented prior to construction, and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the general permit TXR150000. Note: For multiple operators who operate under a shared SWP3, the confirmation of an operator may be limited to its obligations under the SWP3 provided all obligations are confirmed by at least one operator. | Yes |
| 13) I certify that I have obtained a copy and understand the terms and conditions of the Construction General Permit (TXR150000). | Yes |
| 14) I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed. | Yes |

Certification

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

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted.

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

1. I am Jason Gray, the owner of the STEERS account ER043353.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Construction Notice of Intent.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OPERATOR Signature: Jason Gray OPERATOR

Account Number:	ER043353
Signature IP Address:	71.41.149.67
Signature Date:	2017-02-27
Signature Hash:	FF379AF5F0719E4B50418CFA5C56F60E344B3BA06922D7A9F8EE216FBCA70A49
Form Hash Code at time of Signature:	7B50396B2D8B979E46F08DC121B2B58FC270D4934DF5831818D7B7A495FF7640

Fee Payment

Transaction by:	The application fee payment transaction was made by ER043709/Pedro A Perez JR
Paid by:	The application fee was paid by MIKE GRIMES
Fee Amount:	\$225.00
Paid Date:	The application fee was paid on 2017-02-27
Transaction/Voucher number:	The transaction number is 582EA000251421 and the voucher number is 314324

Submission

Reference Number:	The application reference number is 158202
Submitted by:	The application was submitted by ER043709/Pedro A Perez JR
Submitted Timestamp:	The application was submitted on 2017-02-27 at 11:28:24 CST
Submitted From:	The application was submitted from IP address 50.84.227.3
Confirmation Number:	The confirmation number is 143521
Steers Version:	The STEERS version is 6.08

Additional Information

Application Creator: This account was created by Misti M Shafer



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Texas Pollutant Discharge Elimination System
Stormwater Construction General Permit

The Notice of Intent (NOI) for the facility listed below was received on February 27, 2017. The intent to discharge stormwater associated with construction activity under the terms and conditions imposed by the Texas Pollutant Discharge Elimination System (TPDES) stormwater construction general permit TXR150000 is acknowledged. Your facility's TPDES construction stormwater general permit authorization number is:

TXR15888A

Coverage Effective: February 27, 2017

TCEQ's stormwater construction general permit requires certain stormwater pollution prevention and control measures, possible monitoring and reporting, and periodic inspections. Among the conditions and requirements of this permit, you must have prepared and implemented a stormwater pollution prevention plan (SWP3) that is tailored to your construction site. As a facility authorized to discharge under the stormwater construction general permit, all terms and conditions must be complied with to maintain coverage and avoid possible penalties.

Project/Site Information:

RN109679951
Garza Ranch Infrastructure And Office
East of The Intersection of S. Mopac Expressway And Ben
Garza Lane
Austin, TX 78749
Travis County

Operator:
CN603613092
Dnt Construction, LLC
PO BOX 6210
Round Rock, TX 78683

This permit expires on March 05, 2018, unless otherwise amended. If you have any questions related to processing, you may contact the Stormwater Processing Center by email at swpermit@tceq.texas.gov or by telephone at (512) 239-3700. For technical issues, you may contact the stormwater technical staff by email at swgp@tceq.texas.gov or by telephone at (512) 239-4671. Also, you may obtain information on the TCEQ web site at http://www2.tceq.texas.gov/wq_dpa/index.cfm. A copy of this document should be kept with your SWP3.

Issued Date: February 27, 2017

A handwritten signature in black ink, appearing to read "R. Q. A. Hylb".

FOR THE COMMISSION

COMPLIANCE RESOURCES
I N C O R P O R A T E D

CERTIFIED MAIL
70162140000010171548

February 15, 2017

TxDOT – Austin District Office
Attn: Shirley Nichols, Env. Coordinator
P.O. Box 15426
Austin, TX 78761

T.X.D.O.T.
RECEIVED

MAR 02 2017

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

RE: Secondary Operator Construction Site Notice for Austin Freight Systems

To Whom It May Concern:

As required by the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from construction sites, enclosed is a copy of the signed Notice(s) for Storm Water Discharges Associated with Construction Activity under a TPDES General Permit. Please feel free to contact us if you have any questions.

Sincerely,



Misti Shafer

Enc.: copy of "signed" Secondary Operator Construction Site Notice (1 page)



SMALL CONSTRUCTION SITE NOTICE
FOR THE
Texas Commission on Environmental Quality (TCEQ)
Storm Water Program

TPDES General Permit TXR150000

The following information is posted in compliance with Part II.E.2. of the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from small construction sites. Additional information regarding the TCEQ storm water permit program may be found on the internet at http://www.tceq.state.tx.us/nav/permits/wq_construction.html

Operator Name:	Jimmy Jacobs Construction, LLC
Contact Name and Phone Number:	Jerrod Worsham 512-930-0370
Project Description: <i>(Physical address or description of the site's location, estimated start date and projected end date, or date that disturbed soils will be stabilized)</i>	Austin Freight Systems 1130 S. IH 35 Service Road SB. (North of the intersection of S. IH 35 and Onion Creek Parkway) Austin, Texas 78748 ~ 1 Acre Disturbed February 2017 – February 2019
Location of Storm Water Pollution Prevention Plan:	104 County Road, Suite 102 Georgetown, TX 78628

For Small Construction Activities Authorized Under Part II.E.2. (Obtaining Authorization to Discharge) the following certification must be completed:

I Jerrod Worsham certify under penalty of law that I have read and understand the eligibility requirements for claiming an authorization under Part II.E.2. of TPDES General Permit TXR150000 and agree to comply with the terms of this permit. A storm water pollution prevention plan has been developed and will be implemented prior to construction, according to permit requirements. A copy of this signed notice is supplied to the operator of the MS4 if discharges enter an MS4. I am aware there are significant penalties for providing false information or for conducting unauthorized discharges, including the possibility of fine and imprisonment for knowing violations.

Signature: Jerrod Worsham
President

Date: 2.23.17

_____ Date Notice Removed

_____ MS4 operator notified per Part II.F.3.

COMPLIANCE RESOURCES
I N C O R P O R A T E D

T.X.D.O.T.
RECEIVED

FEB 1 0 2017

CERTIFIED MAIL
70161970000059726200

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

January 18, 2017

TxDOT – Austin District Office
Attn: Shirley Nichols, Env. Coordinator
P.O. Box 15426
Austin, TX 78761

RE: Texas Commission on Environmental Quality (TCEQ) Notice(s) for
La Cima - Roadway, Water, & WW Improvements

To Whom It May Concern:

As required by the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from construction sites, enclosed is a copy of the signed Notice(s) for Storm Water Discharges Associated with Construction Activity under a TPDES General Permit. Please feel free to contact us if you have any questions.

Sincerely,



Misti Shafer

Enc.: copy of signed Notice of Intent Application (6 pages)

COMPLIANCE RESOURCES
I N C O R P O R A T E D

CERTIFIED MAIL
70162140000010177434

January 18, 2017

Texas Commission on Environmental Quality
Storm Water Processing Center (MC-228)
P.O. Box 13087
Austin, Texas 78711-3087

Re: La Cima - Roadway, Water, & WW Improvements

Dear Storm Water Processing Center:

Lazy Oaks Ranch, LP is submitting the enclosed for Storm Water Discharges Associated with Construction Activity under a TPDES General Permit.

Please feel free to call if you require more information or have any questions.

Sincerely,



Misti Shafer

Enc.: original signed Notice of Intent Application (6 pages) and signed Delegation Letter (1 page)



TCEQ Notice of Intent (NOI) for Stormwater Discharges Associated with Construction Activity under TPDES General Permit (TXR150000)

IMPORTANT:

- Use the **INSTRUCTIONS** to fill out each question in this form.
- Use the **CHECKLIST** to make certain all you filled out all required information. Incomplete applications **WILL** delay approval or result in automatic denial.
- Once processed your permit can be viewed at:
http://www2.tceq.texas.gov/wq_dpa/index.cfm

ePERMITS: Sign up now for online NOI: <https://www3.tceq.texas.gov/steers/index.cfm>
Pay a \$225 reduced application fee by using ePermits.

APPLICATION FEE:

- You must pay the **\$325** Application Fee to TCEQ for the paper application to be complete.
- Payment and NOI must be mailed to separate addresses.
- Did you know you can pay on line?
 - Go to <https://www3.tceq.texas.gov/epay/index.cfm>
 - Select Fee Type: GENERAL PERMIT CONSTRUCTION STORM WATER DISCHARGE NOI APPLICATION
- **Provide your payment information below, for verification of payment:**

Mailed

Check/Money Order No.: 2013

EPAY

Name Printed on Check: Natural Development Austin, LLC

Voucher No.: _____

Is the Payment Voucher copy attached?

Yes

RENEWAL: Is this NOI a Renewal of an existing General Permit Authorization?
(Note: A permit cannot be renewed after June 3, 2013.)

Yes The Permit number is: TXR15_____

(If a permit number is not provided, a new number will be assigned.)

No

1) OPERATOR (Applicant)

a) If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? You may search for your CN at:

<http://www12.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch>

CN 604159418

- b) What is the Legal Name of the entity (applicant) applying for this permit?**
Lazy Oaks Ranch, LP
 (The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal document forming the entity.)
- c) What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in TAC 305.44(a).**
 Prefix (Mr. Ms. Miss): Mr.
 First/Last Name: Bryan Lee Suffix: _____
 Title: Manager Credential: _____
- d) What is the Operator Contact's (Responsible Authority) contact information and mailing address as recognized by the US Postal Service (USPS)? You may verify the address at: <http://zip4.usps.com/zip4/welcome.jsp>**
 Phone #: (512) 402-1790 ext: _____ Fax #: (512) 402-1791
 E-mail: _____
 Mailing Address: 11612 FM 2244, Bldg. 1, Suite 140
 Internal Routing (Mail Code, Etc.): _____
 City: Austin State: Texas ZIP Code: 78745
 If outside USA: Territory: _____ Country Code: _____ Postal Code: _____
- e) Indicate the type of Customer (The instructions will help determine your customer type):**
- | | | |
|---|---|--|
| <input type="checkbox"/> Individual | <input checked="" type="checkbox"/> Limited Partnership | <input type="checkbox"/> Sole Proprietorship-DBA |
| <input type="checkbox"/> Joint Venture | <input type="checkbox"/> General Partnership | <input type="checkbox"/> Corporation |
| <input type="checkbox"/> Trust | <input type="checkbox"/> Estate | <input type="checkbox"/> Federal Government |
| <input type="checkbox"/> State Government | <input type="checkbox"/> County Government | <input type="checkbox"/> City Government |
| <input type="checkbox"/> Other Government | | |
- f) Independent Operator?** Yes No
 (If governmental entity, subsidiary, or part of a larger corporation, check "No".)
- g) Number of Employees:**
 0-20; 21-100; 101-250; 251-500; or 501 or higher
- h) Customer Business Tax and Filing Numbers:**
 (REQUIRED for Corporations and Limited Partnerships. Not Required for Individuals, Government, or Sole Proprietors)
 State Franchise Tax ID Number: 32040641451
 Federal Tax ID: 271260779
 Texas Secretary of State Charter (filing) Number: 801191616
 DUNS Number (if known): _____

2) APPLICATION CONTACT

If TCEQ needs additional information regarding this application, who should be contacted?

Is the application contact the same as the applicant identified above?

Yes, go to Section 3). No, complete section below.

Prefix (Mr. Ms. Miss): Ms.
 First/Last Name: Misti Shafer Suffix: _____
 Title: SWP3 Manager Credential: CPESC, CESSWI

Organization Name: Compliance Resources, Inc.
Phone No.: (512) 930-7733 ext: 231 Fax Number: (512) 864-7629
E-mail: mshafer@complianceresourcesinc.com
Mailing Address: P.O. Box 3000 # 246
Internal Routing (Mail Code, Etc.):
City: Georgetown State: Texas ZIP Code: 78627
Mailing Information if outside USA:
Territory: Country Code: Postal Code:

3) REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE

If the site of your business is part of a larger business site or if other businesses were located at this site before yours, a Regulated Entity Number (RN) may already be assigned for the larger site. Use the RN assigned for the larger site. Search TCEQ's Central Registry to see if the larger site may already be registered as a regulated site at:

<http://www12.tceq.texas.gov/crpub/index.cfm?fuseaction=regent.RNSearch>.

If the site is found, provide the assigned Regulated Entity Reference Number and provide the information for the site to be authorized through this application below. The site information for this authorization may vary from the larger site information.

- a) TCEQ issued RE Reference Number (RN): RN _____
- b) Name of project or site (the name known by the community where located):
La Cima - Roadway, Water, & WW Improvements
- c) In your own words, briefly describe the primary business of the Regulated Entity: (Do not repeat the SIC and NAICS code):
Developer
- d) County (or counties if > 1) Hays
- e) Latitude: 29.899806 °N Longitude: -97.985596 °W
- f) Does the site have a physical address?
 Yes, complete Section A for a physical address.
 No, complete Section B for site location information.

Section A: Enter the physical address for the site.

Verify the address with USPS. If the address is not recognized as a delivery address, provide the address as identified for overnight mail delivery, 911 emergency or other online map tools to confirm an address.

Physical Address of Project or Site:

Street Number: _____ Street Name: _____
City: _____ State: Texas ZIP Code: _____

Section B: Enter the site location information.

If no physical address (Street Number & Street Name), provide a written location access description to the site. (Ex.: located 2 miles west from intersection of Hwy 290 & IH35 accessible on Hwy 290 South)

Southwest of the intersection of Wonder World Drive (RR 12) and Old Ranch Road 12

City where the site is located or, if not in a city, what is the nearest city:
San Marcos

State: Texas ZIP Code where the site is located: 78666

4) GENERAL CHARACTERISTICS

a) Is the project/site located on Indian Country Lands?

Yes - If the answer is Yes, you must obtain authorization through EPA, Region 6.

No

b) Is your construction activity associated with a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources?

Yes - If the answer is Yes, you may be under jurisdiction of the Railroad Commission of Texas and may need to obtain authorization through EPA, Region 6.

No

c) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site?

Primary SIC Code: 1611

d) If applicable, what is the Secondary SIC Code(s): 1623

e) What is the total number of acres disturbed? 37

f) Is the project site part of a larger common plan of development or sale?

Yes - If the answer is Yes, the total number of acres disturbed can be less than 5 acres.

No - If the answer is No, the total number of acres disturbed must be 5 or more. If the total number of acres disturbed is less than 5 then the project site does not qualify for coverage through this Notice of Intent. Coverage will be denied. See the requirements in the general permit for small construction sites.

g) What is the name of the first water body(s) to receive the stormwater runoff or potential runoff from the site?

Purgatory Creek

h) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach?

1814 - Upper San Marcos River

i) Is the discharge into an MS4?

Yes - If the answer is Yes, provide the name of the MS4 operator below.

No

If Yes, provide the name of the MS4 operator:

City of San Marcos, TxDOT

Note: The general permit requires you to send a copy of the NOI to the MS4 operator.

j) Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) List of impaired waters?

Yes - If the answer is Yes, provide the name(s) of the impaired water body(s) below.

No

If Yes, provide the name(s) of the impaired water body(s):

k) Is the discharge or potential discharge within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer as defined in 30 TAC Chapter 213?

Yes - If the answer is Yes, complete certification below by checking "Yes."

No

I certify that a copy of the TCEQ approved Plan required by the Edwards Aquifer Rule (30 TAC Chapter 213) is either included or referenced in the Stormwater Pollution Prevention Plan.

Yes

5) CERTIFICATION

Check Yes to the certifications below. Failure to indicate Yes to **ALL** items may result in denial of coverage under the general permit.

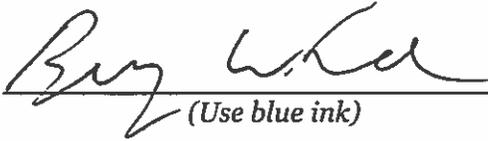
- a) I certify that I have obtained a copy and understand the terms and conditions of the Construction General Permit (TXR150000). Yes
- b) I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas. Yes
- c) I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed. Yes
- d) I certify that a Stormwater Pollution Prevention Plan has been developed, will be implemented prior to construction and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the general permit TXR150000. Note: For multiple operators who prepare a shared SWP3, the confirmation of an operator may be limited to its obligations under the SWP3 provided all obligations are confirmed by at least one operator. Yes

Operator Certification:

I, Bryan Lee Manager
Typed or printed name Title

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

Signature:  Date: 2/2/17
(Use blue ink)

January-17, 2017

Executive Director
 Texas Commission on Environmental Quality (TCEQ)
 Storm Water & Pretreatment Team; MC-148
 P.O. Box 13087
 Austin, Texas 78711-3087

Re: Delegation for Signatories to Reports
La Cima - Offsite and Onsite Water Improvements
 TPDES Storm Water General Permit No. TXR15_____ (attach a signed copy of NOI)

Dear Executive Director:

This letter serves to designate the following people or positions as authorized personnel for signing reports, storm water pollution prevention plans, certifications or other information requested by the Executive Director or required by the general permit, as set forth by 30 TAC §305.128.

Delegated 3rd Party Inspection Company	Compliance Resources, Inc.
Name or Position	

I understand that this authorization does not extend to the signing of a Notice of Intent for obtaining coverage under a storm water general permit.

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in 30 TAC §305.44.

Sincerely,



 Signature

2/2/17

 Date

Bryan Lee, Manager
 Lazy Oaks Ranch, LP

COMPLIANCE RESOURCES
I N C O R P O R A T E D

T.X.D.O.T.
RECEIVED

CERTIFIED MAIL
70162140000010175669

FEB 10 2017

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

January 17, 2017

TxDOT – Austin District Office
Attn: Shirley Nichols, Env. Coordinator
P.O. Box 15426
Austin, TX 78761

RE: Texas Commission on Environmental Quality (TCEQ) Notice(s) for
La Cima - Offsite and Onsite Water Improvements

To Whom It May Concern:

As required by the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from construction sites, enclosed is a copy of the signed Notice(s) for Storm Water Discharges Associated with Construction Activity under a TPDES General Permit. Please feel free to contact us if you have any questions.

Sincerely,



Misti Shafer

Enc.: copy of signed Notice of Intent Application (6 pages)

COMPLIANCE RESOURCES
I N C O R P O R A T E D

CERTIFIED MAIL
70162140000010177120

January 17, 2017

Texas Commission on Environmental Quality
Storm Water Processing Center (MC-228)
P.O. Box 13087
Austin, Texas 78711-3087

Re: La Cima - Offsite and Onsite Water Improvements

Dear Storm Water Processing Center:

Lazy Oaks Ranch, LP is submitting the enclosed for Storm Water Discharges Associated with Construction Activity under a TPDES General Permit.

Please feel free to call if you require more information or have any questions.

Sincerely,



Misti Shafer

Enc.: original signed Notice of Intent Application (6 pages) and signed Delegation Letter (1 page)



TCEQ Notice of Intent (NOI) for Stormwater Discharges Associated with Construction Activity under TPDES General Permit (TXR150000)

IMPORTANT:

- Use the **INSTRUCTIONS** to fill out each question in this form.
- Use the **CHECKLIST** to make certain all you filled out all required information. Incomplete applications **WILL** delay approval or result in automatic denial.
- Once processed your permit can be viewed at:
http://www2.tceq.texas.gov/wq_dpa/index.cfm

ePERMITS: Sign up now for online NOI: <https://www3.tceq.texas.gov/steers/index.cfm>
Pay a \$225 reduced application fee by using ePermits.

APPLICATION FEE:

- You must pay the **\$325** Application Fee to TCEQ for the paper application to be complete.
- Payment and NOI must be mailed to separate addresses.
- Did you know you can pay on line?
 - Go to <https://www3.tceq.texas.gov/epay/index.cfm>
 - Select Fee Type: GENERAL PERMIT CONSTRUCTION STORM WATER DISCHARGE NOI APPLICATION
- **Provide your payment information below, for verification of payment:**
 - Mailed Check/Money Order No.: 2045
Name Printed on Check: Natural Development Austin, LLC
 - EPAY Voucher No.: _____
Is the Payment Voucher copy attached? Yes

RENEWAL: Is this NOI a Renewal of an existing General Permit Authorization?
(Note: A permit cannot be renewed after June 3, 2013.)

- Yes The Permit number is: TXR15_____
- (If a permit number is not provided, a new number will be assigned.)
- No

1) OPERATOR (Applicant)

- a) If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? You may search for your CN at:
<http://www12.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch>

CN 604159418

- b) What is the Legal Name of the entity (applicant) applying for this permit?**
Lazy Oaks Ranch, LP
 (The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal document forming the entity.)
- c) What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in TAC 305.44(a).**
 Prefix (Mr. Ms. Miss): Mr.
 First/Last Name: Bryan Lee Suffix: _____
 Title: Manager Credential: _____
- d) What is the Operator Contact's (Responsible Authority) contact information and mailing address as recognized by the US Postal Service (USPS)? You may verify the address at:**
http://zip4.usps.com/zip4/welcome.jsp
 Phone #: (512) 402-1790 ext: _____ Fax #: (512) 402-1791
 E-mail: _____
 Mailing Address: 11612 FM 2244, Bldg. 1, Suite 140
 Internal Routing (Mail Code, Etc.): _____
 City: Austin State: Texas ZIP Code: 78745
 If outside USA: Territory: _____ Country Code: _____ Postal Code: _____
- e) Indicate the type of Customer (The instructions will help determine your customer type):**
- | | | |
|---|---|--|
| <input type="checkbox"/> Individual | <input checked="" type="checkbox"/> Limited Partnership | <input type="checkbox"/> Sole Proprietorship-DBA |
| <input type="checkbox"/> Joint Venture | <input type="checkbox"/> General Partnership | <input type="checkbox"/> Corporation |
| <input type="checkbox"/> Trust | <input type="checkbox"/> Estate | <input type="checkbox"/> Federal Government |
| <input type="checkbox"/> State Government | <input type="checkbox"/> County Government | <input type="checkbox"/> City Government |
| <input type="checkbox"/> Other Government | | |
- f) Independent Operator?** Yes No
 (If governmental entity, subsidiary, or part of a larger corporation, check "No".)
- g) Number of Employees:**
 0-20; 21-100; 101-250; 251-500; or 501 or higher
- h) Customer Business Tax and Filing Numbers:**
 (REQUIRED for Corporations and Limited Partnerships. Not Required for Individuals, Government, or Sole Proprietors)
 State Franchise Tax ID Number: 32040641451
 Federal Tax ID: 271260779
 Texas Secretary of State Charter (filing) Number: 801191616
 DUNS Number (if known): _____

2) APPLICATION CONTACT

If TCEQ needs additional information regarding this application, who should be contacted?

Is the application contact the same as the applicant identified above?

Yes, go to Section 3). No, complete section below.

Prefix (Mr. Ms. Miss): Ms. Suffix: _____
 First/Last Name: Misti Shafer Credential: _____
 Title: SWP3 Manager Credential: CPESC, CESSWI

Organization Name: Compliance Resources, Inc.
Phone No.: (512) 930-7733 ext: 231 Fax Number: (512) 864-7629
E-mail: mshafer@complianceresourcesinc.com
Mailing Address: P.O. Box 3000 # 246
Internal Routing (Mail Code, Etc.): _____
City: Georgetown State: Texas ZIP Code: 78627
Mailing Information if outside USA:
Territory: _____ Country Code: _____ Postal Code: _____

3) REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE

If the site of your business is part of a larger business site or if other businesses were located at this site before yours, a Regulated Entity Number (RN) may already be assigned for the larger site. Use the RN assigned for the larger site. Search TCEQ's Central Registry to see if the larger site may already be registered as a regulated site at:

<http://www12.tceq.texas.gov/crpub/index.cfm?fuseaction=regent.RNSearch>.

If the site is found, provide the assigned Regulated Entity Reference Number and provide the information for the site to be authorized through this application below. The site information for this authorization may vary from the larger site information.

- a) TCEQ issued RE Reference Number (RN): RN _____
- b) Name of project or site (the name known by the community where located):
La Cima - Offsite and Onsite Water Improvements
- c) In your own words, briefly describe the primary business of the Regulated Entity: (Do not repeat the SIC and NAICS code):
Developer
- d) County (or counties if > 1) Hays
- e) Latitude: 29.903159 °N Longitude: -97.991498 °W
- f) Does the site have a physical address?
 Yes, complete Section A for a physical address.
 No, complete Section B for site location information.

Section A: Enter the physical address for the site.

Verify the address with USPS. If the address is not recognized as a delivery address, provide the address as identified for overnight mail delivery, 911 emergency or other online map tools to confirm an address.

Physical Address of Project or Site:

Street Number: _____ Street Name: _____
City: _____ State: Texas ZIP Code: _____

Section B: Enter the site location information.

If no physical address (Street Number & Street Name), provide a written location access description to the site. (Ex.: located 2 miles west from intersection of Hwy 290 & IH35 accessible on Hwy 290 South)

Northwest and south of the intersection of Ranch Road 12 and Alumni Drive

City where the site is located or, if not in a city, what is the nearest city:

San Marcos

State: Texas ZIP Code where the site is located: 78666

4) GENERAL CHARACTERISTICS

a) Is the project/site located on Indian Country Lands?

Yes - If the answer is Yes, you must obtain authorization through EPA, Region 6.

No

b) Is your construction activity associated with a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources?

Yes - If the answer is Yes, you may be under jurisdiction of the Railroad Commission of Texas and may need to obtain authorization through EPA, Region 6.

No

c) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site?

Primary SIC Code: 1623

d) If applicable, what is the Secondary SIC Code(s): _____

e) What is the total number of acres disturbed? 7

f) Is the project site part of a larger common plan of development or sale?

Yes - If the answer is Yes, the total number of acres disturbed can be less than 5 acres.

No - If the answer is No, the total number of acres disturbed must be 5 or more. If the total number of acres disturbed is less than 5 then the project site does not qualify for coverage through this Notice of Intent. Coverage will be denied. See the requirements in the general permit for small construction sites.

g) What is the name of the first water body(s) to receive the stormwater runoff or potential runoff from the site?

Purgatory Creek, Sink Creek

h) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach?

1814 - Upper San Marcos River

i) Is the discharge into an MS4?

Yes - If the answer is Yes, provide the name of the MS4 operator below.

No

If Yes, provide the name of the MS4 operator:

City of San Marcos, TxDOT

Note: The general permit requires you to send a copy of the NOI to the MS4 operator.

j) Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) List of impaired waters?

Yes - If the answer is Yes, provide the name(s) of the impaired water body(s) below.

No

If Yes, provide the name(s) of the impaired water body(s):

k) Is the discharge or potential discharge within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer as defined in 30 TAC Chapter 213?

Yes - If the answer is Yes, complete certification below by checking "Yes."

No

I certify that a copy of the TCEQ approved Plan required by the Edwards Aquifer Rule (30 TAC Chapter 213) is either included or referenced in the Stormwater Pollution Prevention Plan.

Yes

January 13, 2017

Executive Director
 Texas Commission on Environmental Quality (TCEQ)
 Storm Water & Pretreatment Team; MC-148
 P.O. Box 13087
 Austin, Texas 78711-3087

Re: Delegation for Signatories to Reports
La Cima - Roadway, Water, & WW Improvements
 TPDES Storm Water General Permit No. TXR15 _____ (attach a signed copy of NOI)

Dear Executive Director:

This letter serves to designate the following people or positions as authorized personnel for signing reports, storm water pollution prevention plans, certifications or other information requested by the Executive Director or required by the general permit, as set forth by 30 TAC §305.128.

<i>Delegated 3rd Party Inspection Company</i>	<i>Compliance Resources, Inc.</i>
Name or Position	

I understand that this authorization does not extend to the signing of a Notice of Intent for obtaining coverage under a storm water general permit.

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in 30 TAC §305.44.

Sincerely,



Signature

2/2/17

Date

Bryan Lee, Manager
 Lazy Oaks Ranch, LP

T.X.D.O.T.
RECEIVED

FEB 24 2017

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

TXDOT
RECEIVED

FEB 28 2017

AUSTIN DISTRICT ENGINEER
AUSTIN, TEXAS

February 11, 2017

Texas Department of Transportation
ATTN: **Terry McCoy, P.E.**
P.O. Drawer 15426
Austin, Texas 7861-5426

Mr. Terry McCoy, P.E.,

As required by the Texas Commission on Environmental Quality's (TCEQ) Texas Pollutant Discharge Elimination System (TPDES) Construction General Permit, LCRA is sending TXDOT a Notice of Intent (NOI). This notice is required to be sent to the operator of the Municipal Separate Storm Sewer System (MS4), which receives the storm water discharge from a construction site. LCRA Transmission Services Corporation (TSC) will upgrade the LCRA TSC Luling to Harwood T542 69-kV transmission line (~10 of 54.0 miles) to 795 ACSR 69-kV (111 MVA), 138-kV capable with an OPGW shield wire in Caldwell County, Texas. Information about this permit can be found at the following website:

http://www.tceq.state.tx.us/nav/permits/wq_construction.html

This letter is a requirement of the TPDES permit to inform you about construction sites that drain to your MS4 system. Please call me at (512) 730-5634 if you have any questions.

Sincerely,



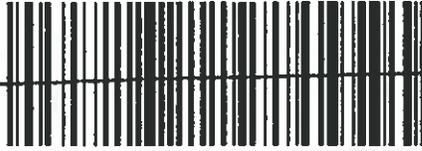
Chance Simpson
Environmental Coordinator

Enclosures (4)

CERTIFIED MAIL™



P.O. BOX 220
AUSTIN, TX 78767-0220



7010 0290 0000 4507 4698

U.S. POSTAGE
PAID
LIBERTY HILL, TX
78642
FEB 22, 17
AMOUNT
\$6.50

*Tx. Dept. of Transportation
Attn: Terry McCoy, P.E.
P.O. Drawer 15426
Austin, Tx. 78761-5426*

**RETURN RECEIPT
REQUESTED**



LOWER COLORADO RIVER AUTHORITY

7876135426 8018



Texas Commission on Environmental Quality
Construction Notice of Intent

Site Information (Regulated Entity)

What is the name of the site to be authorized?
Luling to Harwood T542 TL OH

Does the site have a physical address?
Yes

Physical Address
1795 N Hackberry Street
Luling
TX
78648
CALDWELL
29.6977
-97.65435
4911

Number and Street
City
State
ZIP
County

Latitude (N) (##.#####)
Longitude (W) (-.### #####)
Primary SIC Code
Secondary SIC Code
Primary NAICS Code
Secondary NAICS Code
Regulated Entity Site Information

What is the Regulated Entity's Number (RN)?
What is the name of the Regulated Entity (RE)?
Does the RE site have a physical address?
Physical Address
Number and Street
City
State
ZIP
County
Latitude (N) (##.#####)
Longitude (W) (-.### #####)
What is the primary business of this entity?
Electric Utility

Customer (Applicant) Information

How is this applicant associated with this site?
Operator
What is the applicant's Customer Number (CN)?
CN60023637

Type of Customer
Other Government

Full legal name of the applicant:
Lower Colorado River Authority

Legal Name
Texas SOS Filing Number
Federal Tax ID
State Franchise Tax ID
DUNS Number
Number of Employees
501+
Independently Owned and Operated?
Yes
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.
Yes
Responsible Authority Contact
Organization Name
Prefix
First
Middle
Last
Suffix
Title
Responsible Authority Mailing Address
Enter new address or copy one from list:
Address Type
Mailing Address (include Suite or Bldg. here, if applicable)
Routing (such as Mail Code, Dept., or Attn.)
City
State
ZIP
Phone (###-###-####)
Extension
Alternate Phone (###-###-####)
Fax (###-###-####)
E-mail
chance.simpson@lcra.org

Lower Colorado River Authority
Chance
Simpson
Environmental Coordinator
Domestic
PO BOX 220
D204
AUSTIN
TX
78767
5124681117

Application Contact

Person TCEQ should contact for questions about this application.
Same as another contact?

CN600253637, Lower Colorado River Authority
Lower Colorado River Authority

Plum Creek, Artesia Creek, McNeal Creek, Salt Branch, Guadalupe River

Organization Name

18 10 | 1808

Prefix

First

Middle

Last

Suffix

Title

Enter new address or copy one from list:

Mailing Address

Address Type

Mailing Address (include Suite or Bldg. here, if applicable)

Routing (such as Mail Code, Dept., or Attn):

City

State

ZIP

Phone (###-###-####)

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

chance.simpson@cra.org

CNOI General Characteristics

- 1) Is the project located on Indian County Lands?
- 2) Is your construction activity associated with a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources?
- 3) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site?
- 4) If applicable, what is the Secondary SIC Code(s)?
- 5) Is the project site part of a larger common plan of development or sale?
- 6) What is the total number of acres disturbed?

7) What is the name of the first water body(s) to receive the stormwater runoff or potential runoff from the site?

8) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach?

9) Is the discharge into an MS4?

9.1) What is the name of the MS4 Operator?

10) Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) List of impaired waters?

11) Is the discharge or potential discharge within the Recharge Zone, Contributing zone, or Contributing zone within the Transition zone of the Edwards Aquifer, as defined in 30 TAC Chapter 2137

12) I certify that a stormwater pollution prevention plan has been developed, will be implemented prior to construction, and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the general permit TXR150000. Note: For multiple operators who operate under a shared SWP3, the confirmation of an operator may be limited to its obligations under the SWP3 provided all obligations are confirmed by at least one operator.

13) I certify that I have obtained a copy and understand the terms and conditions of the Construction General Permit (TXR150000)

14) I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed.

Certification

I certify that I am authorized under 30 Texas Administrative Code Subchapter 305.44 to sign this document and can provide documentation in proof of such authorization upon request.
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Construction Notice of Intent.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submission to the TCEQ.

OPERATOR Signature: **Maio O Almirandez OPERATOR**

Account Number: **ER0000639**

Signature IP Address: **198.214.249.125**

Signature Date: **2017-02-03**

Signature Hash: **0A0D2B8F0F245C0F4755F2DB895E293E95E068A88F773F6972CD181C368EEB2**

Form Hash Code at time of Signature: **4E601F892A00F5D00F5C02B5F87FD3AACF536D0940177643ECD241439A8DC67**

Fee Payment

Transaction by: **The application fee payment transaction was made by ER002575/Chance Simpson**

Paid by: **The application fee was paid by CHANCE SIMPSON**

Fee Amount: **\$225.00**

Paid Date: **The application fee was paid on 2017-02-11**

Transaction/Voucher number: **The transaction number is 582EA000248911 and the voucher number is 311539**

Submission

Reference Number: **The application reference number is 156801**

Submitted by: **The application was submitted by ER002575/Chance Simpson**

Submitted Timestamp: **The application was submitted on 2017-02-11 at 09:11:50 CST**

Submitted From: **The application was submitted from IP address 198.214.249.125**

Confirmation Number: **The confirmation number is 142592**

Steers Version: **The STEERS version is 6.08**

Additional Information

Application Creator: **This account was created by Chance Simpson**



LARGE CONSTRUCTION SITE NOTICE

FOR THE
Texas Commission on Environmental Quality (TCEQ)
Stormwater Program

TPDES GENERAL PERMIT TXR150000

“PRIMARY OPERATOR” NOTICE

This notice applies to construction sites operating under Part II.E.3. of the TPDES General Permit Number TXR150000 for discharges of stormwater runoff from construction sites equal to or greater than five acres, including the larger common plan of development. The information on this notice is required in Part III.D.2. of the general permit. Additional information regarding the TCEQ stormwater permit program may be found on the internet at:

http://www.tceq.state.tx.us/nav/permits/avl_construction.html

Site-Specific TPDES Authorization Number:	TXR15605A
Operator Name:	Lower Colorado River Authority (LCRA)
Contact Name and Phone Number:	Cherry Simpson, Proj. Coord. 512-468-1117
Project Description: <i>Physical address or description of the site's location, and estimated start date and projected end date, or date that disturbed soils will be stabilized.</i>	LCRA TSC will be upgrading the T-424 building to provide 48-1V transmission line approval. In addition to the ACB break conductor (in MVA at 49-117, 198-1V capable with an OPGW shield wire). E.g. Start Date: 1/16/2017 E.g. End Date: 9/15/2017
Location of Stormwater Pollution Prevention Plan:	LCRA Service Center 3595 Montopolis Drive Bldg. D Austin, Tx 78744





T.X.D.O.T.
RECEIVED

JUN 05 2017

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

June 1, 2017

Texas Department of Transportation
ATTN: Terry McCoy, P.E.
P.O. Drawer 15426
Austin, Texas 78761-5426

Mr. McCoy, P.E.,

As required by the Texas Commission on Environmental Quality's (TCEQ) Texas Pollutant Discharge Elimination System (TPDES) Construction General Permit, LCRA is sending TXDOT a Notice of Intent (NOI) and the "Secondary Operator" Notice. The secondary operator for this project is LCRA, Transmission Services Corporation (TSC). The NOI and secondary operator notice are required to be sent to the operator of the Municipal Separate Storm Sewer System (MS4), which receives the storm water discharge from a construction site. The construction site is from Smithville to Winchester of the T175 electrical transmission line scheduled to be rebuilt. This transmission line is located primarily in Bastrop and Lee counties, Texas. Information about this permit can be found at the following website:

http://www.tceq.texas.gov/permitting/stormwater/wq_construction.html

This letter is a requirement of the TPDES permit to inform you about construction sites that drain to your MS4 system. Please call me at (512) 730-6212 if you have any questions.

Sincerely,

Jennifer Leeper
Senior Environmental Coordinator

Cert mail 7012 1670 0002 1052 5983



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Texas Pollutant Discharge Elimination System
Stormwater Construction General Permit

The Notice of Intent (NOI) for the facility listed below was received on May 31, 2017. The intent to discharge stormwater associated with construction activity under the terms and conditions imposed by the Texas Pollutant Discharge Elimination System (TPDES) stormwater construction general permit TXR150000 is acknowledged. Your facility's TPDES construction stormwater general permit authorization number is:

TXR15034D
Coverage Effective: May 31, 2017

TCEQ's stormwater construction general permit requires certain stormwater pollution prevention and control measures, possible monitoring and reporting, and periodic inspections. Among the conditions and requirements of this permit, you must have prepared and implemented a stormwater pollution prevention plan (SWP3) that is tailored to your construction site. As a facility authorized to discharge under the stormwater construction general permit, all terms and conditions must be complied with to maintain coverage and avoid possible penalties.

Project/Site Information:

RN109802140
Smithville To Winchester T175 Transmission Line
Upgrade
196 American Legion Rd
Smithville, TX 78957
Bastrop County

Operator:

CN600253637
Lower Colorado River Authority
PO BOX 220
Austin, TX 78767

This permit expires on March 05, 2018, unless otherwise amended. If you have any questions related to processing, you may contact the Stormwater Processing Center by email at swpermit@tceq.texas.gov or by telephone at (512) 239-3700. For technical issues, you may contact the stormwater technical staff by email at swgp@tceq.texas.gov or by telephone at (512) 239-4671. Also, you may obtain information on the TCEQ web site at http://www2.tceq.texas.gov/wq_dpa/index.cfm. A copy of this document should be kept with your SWP3.

A handwritten signature in black ink, appearing to read "R. Q. A. Hylb".

FOR THE COMMISSION

Issued Date: May 31, 2017

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 31, 2017

Dear Applicant:

Re: **TPDES General Permit for Construction Stormwater Runoff
Stormwater Notice of Intent Authorization**

Your Notice of Intent application for authorization under the general permit for discharge of stormwater associated with construction activities has been received. Pursuant to authorization from the Executive Director of the Texas Commission on Environmental Quality, the Division Director of the Water Quality Division has issued the enclosed Certificate.

Please refer to the attached certificate for the identification number that was assigned to your project/site and the effective date. Please use this number to reference this project/site for future communications with the Texas Commission on Environmental Quality (TCEQ).

Authorization under the Edwards Aquifer Protection Program is required before construction can begin where the site is located within the Edwards Aquifer Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone. See <http://www.tceq.texas.gov/field/eapp/program.html> for additional information.

A Notice of Termination must be submitted when permit coverage is no longer needed. You may submit the Notice of Termination form electronically as well. It is the responsibility of the Operator to notify the TCEQ Stormwater Processing center of any change in address supplied on the original Notice of Intent by submitting a Notice of Change.

For questions related to processing of forms you may contact the Stormwater Processing Center by email at swpermit@tceq.texas.gov or by telephone at (512) 239-3700. If you have any questions regarding coverage under this general permit or other technical issues, you may contact the Stormwater technical staff by email at swgp@tceq.texas.gov or by telephone at (512) 239-4671. Also, you may obtain information on the stormwater web site at www.tceq.texas.gov.

Sincerely,

A handwritten signature in cursive script that reads "David W Galindo".

David W. Galindo, Director

Water Quality Division

Texas Commission on Environmental Quality

**Texas Commission on Environmental Quality
Construction Notice of Intent**

Site Information (Regulated Entity)

What is the name of the site to be authorized?	Smithville to Winchester (T175) Transmission Line Upgrade
Does the site have a physical address?	Yes
Physical Address	
Number and Street	196 AMERICAN LEGION RD
City	SMITHVILLE
State	TX
ZIP	78957
County	BASTROP
Latitude (N) (## #####)	30.02055
Longitude (W) (-### #####)	-97.15756
Primary SIC Code	4911
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	
What is the name of the Regulated Entity (RE)?	Smithville to Winchester (T175) Transmission Line Upgrade
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	196 AMERICAN LEGION RD
City	SMITHVILLE
State	TX
ZIP	78957
County	BASTROP
Latitude (N) (## #####)	30.02055
Longitude (W) (-### #####)	-97.15756
What is the primary business of this entity?	Electric utilities

Customer (Applicant) Information

How is this applicant associated with this site?	Operator CN600253637
--	-------------------------

Person TCEQ should contact for questions about this application:

Same as another contact?

CN600253637, Lower Colorado River Authority

Organization Name

Lower Colorado River Authority

Prefix

First

Chance

Middle

Last

Simpson

Suffix

Title

Environmental Coordinator

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

PO BOX 220

Routing (such as Mail Code, Dept., or Attn:)

Mailstop D204

City

AUSTIN

State

TX

ZIP

78767

Phone (###-###-####)

5127305634

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

chance.simpson@lcra.org

CNOI General Characteristics

1) Is the project located on Indian Country Lands?

No

2) Is your construction activity associated with a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources?

No

3) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site?

4911

4) If applicable, what is the Secondary SIC Code(s)?

No



LARGE CONSTRUCTION SITE NOTICE

FOR THE
Texas Commission on Environmental Quality (TCEQ)
Stormwater Program

TPDES GENERAL PERMIT TXR150000 "SECONDARY OPERATOR" NOTICE

This notice applies to secondary operators of construction sites operating under Part II.E.3. of the TPDES General Permit Number TXR150000 for discharges of stormwater runoff from construction sites equal to or greater than five acres, including the larger common plan of development. The information on this notice is required in Part III.D.2. of the general permit. Additional information regarding the TCEQ stormwater permit program may be found on the internet at:

http://www.tceq.state.tx.us/nav/permits/wq_construction.html

Site-Specific TPDES Authorization Number:	TXR15034D
Operator Name:	LCRA Transmission Services Corporation
Contact Name and Phone Number:	Jennifer Leeper Environmental, Office (512) 730-6212
Project Description: <i>Physical address or description of the site's location, and estimated start date and projected end date, or date that disturbed soils will be stabilized.</i>	Smithville to Winchester (T75) Transmission Line Upgrade. LCRA will upgrade the existing 14.6-mile transmission line. Location: Smithville Substation located at 196 American Legion Rd. Smithville, TX 78957. The line heads north approximately 3.8 miles before turning to the southeast to Winchester Substation located at 3234 FM 448 La Grange, TX 78945. Est. Start date: 06/12/2017 Est. End date: 3/30/2018
Location of Stormwater Pollution Prevention Plan (SWP3):	LCRA Environmental Field Services Office 3905 Montopolis Dr., Building D Austin, TX 78744 (512) 730-6212

For Large Construction Activities Authorized Under Part II.E.3. (Obtaining Authorization to Discharge) the following certification must be completed:

I, Bill Steinhauser (Typed or Printed Name Person Completing This Certification) certify under penalty of law that I have read and understand the eligibility requirements for claiming an authorization under Part II.E.3. of TPDES General Permit TXR150000 and agree to comply with the terms of this permit. A stormwater pollution prevention plan has been developed and will be implemented prior to construction, according to permit requirements. A copy of this signed notice is supplied to the operator of the MS4 if discharges enter an MS4. I am aware there are significant penalties for providing false information or for conducting unauthorized discharges, including the possibility of fine and imprisonment for knowing violations.

Signature and Title *Bill Steinhauser* Date 6/1/2017

Manager, Environmental Permitting & Compliance

Date Notice Removed

6/1/17 MS4 operator notified per Part II.F.3. Austin + Yoakum Districts

SMALL CONSTRUCTION SITE NOTICE

FOR THE
Texas Commission on Environmental Quality (TCEQ)
Stormwater Program
TPDES GENERAL PERMIT TXR150000

The following information is posted in compliance with **Part II.E.2.** of the TCEQ General Permit Number TXR150000 for discharges of stormwater runoff from small construction sites. Additional information regarding the TCEQ stormwater permit program may be found on the internet at:

http://www.tceq.state.tx.us/nav/permits/wq_construction.html

Operator Name:	Lynx Contractors, Inc.
Contact Name and Phone Number:	Albert Blanco, 512-578-9866
Project Description: <i>Physical address or description of the site's location, estimated start date and projected end date, or date that disturbed soils will be stabilized</i>	Parcel 1ZAAQ 7800 North IH 35 Austin, TX 78753 Start Date: 12/28/16 Estimated Completion Date: 1/30/17
Location of Stormwater Pollution Prevention Plan:	In the on site construction office.

For Small Construction Activities Authorized Under Part II.E.2. (Obtaining Authorization to Discharge) the following certification must be completed:

I (Typed or Printed Name Person Completing This Certification) certify under penalty of law that I have read and understand the eligibility requirements for claiming an authorization under Part II.E.2. of TPDES General Permit TXR150000 and agree to comply with the terms of this permit. A stormwater pollution prevention plan has been developed and will be implemented prior to construction, according to permit requirements. A copy of this signed notice is supplied to the operator of the MS4 if discharges enter an MS4. I am aware there are significant penalties for providing false information or for conducting unauthorized discharges, including the possibility of fine and imprisonment for knowing violations.

Signature and Title *Therese G.M.*

Date *11-30-16*

Date Notice Removed

MS4 operator notified per Part II.F.3.



www.bwiseenvironmental.com

T.X.D.O.T.
RECEIVED

DEC 05 2016

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

P.O. Box 142254
Austin, TX 78714

512-863-3000
Fax 512-863-3322

November 29, 2016

Heather Beatty, PG
Texas Department of Transportation
7901 North IH 35
Austin, TX 78753

RE: MS4 Notification of Discharge
Parcel 1ZAAQ Demolition

Ms. Lawson:

Pursuant to the TPDES General Permit TXR150000 administered by the TCEQ, enclosed you'll find a copy of the signed Small Construction Site Notice for the project described above. A signed copy of this document is also posted at the job site.

If you have any questions, please don't hesitate to call me at (512) 863-3000.

Best regards,

A handwritten signature in blue ink, appearing to read 'Brandi Stark', is written over a light blue circular stamp.

Brandi Stark, CPESC
President

enclosure
cc: SWPPP

T.X.D.O.T.
RECEIVED

COMPLIANCE RESOURCES
I N C O R P O R A T E D

JUN 07 2017
DISTRICT 14 - MAIL ROOM
AUSTIN, TX

CERTIFIED MAIL
70163010000093467597

May 30, 2017

MS4 Operator
TxDOT – Austin District Office
Attn: Shirley Nichols, Env. Coordinator
P.O. Box 15426
Austin, TX 78761-5426

RE: Small Construction Site Notice for Menchaca Business Park

To Whom It May Concern:

As required by the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from construction sites, enclosed is a copy of the signed Notice(s) for Storm Water Discharges Associated with Construction Activity under a TPDES General Permit. Please feel free to contact us if you have any questions.

Sincerely,



Misti Shafer

Enc.: copy of "signed" Small Construction Site Notice (1 page)



SMALL CONSTRUCTION SITE NOTICE
FOR THE
Texas Commission on Environmental Quality (TCEQ)
Storm Water Program

TPDES General Permit TXR150000

The following information is posted in compliance with Part II.E.2. of the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from small construction sites. Additional information regarding the TCEQ storm water permit program may be found on the internet at: http://www.tceq.state.tx.us/nav/permits/wq_construction.html

Operator Name:	Rangel Concrete Co., Ltd.
Contact Name and Phone Number:	Juan Rangel 512-280-0995
Project Description: <i>(Physical address or description of the site's location, estimated start date and projected end date, or date that disturbed soils will be stabilized)</i>	Menchaca Business Park 12000 Manchaca Road (northwest of the intersection of Manchaca Road and Meridith Drive) Austin, TX 78748 ~ 4 Acres Disturbed May 2017 - May 2019
Location of Storm Water Pollution Prevention Plan:	12000 Manchaca Road Austin, TX 78748

For Small Construction Activities Authorized Under Part II.E.2. (Obtaining Authorization to Discharge) the following certification must be completed:

I Juan Rangel certify under penalty of law that I have read and understand the eligibility requirements for claiming an authorization under Part II.E.2. of TPDES General Permit TXR150000 and agree to comply with the terms of this permit. A storm water pollution prevention plan has been developed and will be implemented prior to construction, according to permit requirements. A copy of this signed notice is supplied to the operator of the MS4 if discharges enter an MS4. I am aware there are significant penalties for providing false information or for conducting unauthorized discharges, including the possibility of fine and imprisonment for knowing violations.

Signature and Title: Juan Rangel
Owner

Date: 6-2-17

_____ Date Notice Removed

_____ MS4 operator notified per Part II.F.3.

T.A.D.O.T.
RECEIVED

FEB 27 2017

DISTRICT 14 - MAIL ROOM
AUSTIN, TX

1192 Hwy 304
BASTROP, TX 78602-3254

Phone: (512) 412-7976
Fax: (512) 412-7982



TXDOT
RECEIVED

FEB 28 2017

February 22, 2017

Texas Department of Transportation
ATTN: Terry McCoy, P.E.
P.O. Drawer 15426
Austin, Texas 78761-5426

AUSTIN DISTRICT ENGINEER
AUSTIN, TEXAS

Mr. Terry McCoy, P.E.,

As required by the Texas Commission on Environmental Quality's (TCEQ) Texas Pollutant Discharge Elimination System (TPDES) Construction General Permit, Southeast Power (SEP) is sending TXDOT a Notice of Intent (NOI). This notice is required to be sent to the operator of the Municipal Separate Storm Sewer System (MS4), which receives the storm water discharge from a construction site. SEP will be performing construction for LCRA Transmission Services Corporation (TSC) that will include the upgrade of the LCRA TSC Luling to Harwood T542 69-kV transmission line (~10 of 54.0 miles) to 795 ACSR 69-kV (111 MVA), 138-kV capable with an OPGW shield wire in Caldwell County, Texas. Information about this permit can be found at the following website:

http://www.tceq.state.tx.us/nav/permits/wq_construction.html

This letter is a requirement of the TPDES permit to inform you about construction sites that drain to your MS4 system. Please call 512/412-7976 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Debbie Sparkman", with a long horizontal flourish extending to the right.

Debbie Sparkman
Project Manager

Enclosures

Texas Commission on Environmental Quality

Construction Notice of Intent

Site Information (Regulated Entity)

What is the name of the site to be authorized?	LULING TO HARWOOD T542 TL OH
Does the site have a physical address?	Yes
Physical Address	
Number and Street	1795 N HACKBERRY STREET
City	LULING
State	TX
ZIP	78648
County	CALDWELL
Latitude (N) (##.#####)	29.6977
Longitude (W) (-###.#####)	-97.65435
Primary SIC Code	4911
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN109657015
What is the name of the Regulated Entity (RE)?	LULING TO HARWOOD T542 TL OH
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	1795 N HACKBERRY STREET
City	LULING
State	TX
ZIP	78648
County	CALDWELL
Latitude (N) (##.#####)	29.6977
Longitude (W) (-###.#####)	-97.65435
What is the primary business of this entity?	ELECTRIC UTILITY

Customer (Applicant) Information

How is this applicant associated with this site?	Operator
What is the applicant's Customer Number (CN)?	CN604059360
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	SOUTHEAST POWER CORPORATION
Texas SOS Filing Number	800997902
Federal Tax ID	
State Franchise Tax ID	15922625460
DUNS Number	

Number of Employees	501+
Independently Owned and Operated?	Yes
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	SOUTHEAST POWER CORPORATION
Prefix	
First	Debbie
Middle	
Last	Sparkman
Suffix	
Title	Project Manager
Responsible Authority Mailing Address	
Enter new address or copy one from list:	RE Physical Address
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1192 HIGHWAY 304
Routing (such as Mail Code, Dept., or Attn:)	
City	BASTROP
State	TX
ZIP	78602
Phone (###-###-####)	5125496998
Extension	
Alternate Phone (###-###-####)	5124127976
Fax (###-###-####)	
E-mail	dsparkman@southeastpower.com

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	CN604059360, SOUTHEAST POWER CORPORATION
Organization Name	SOUTHEAST POWER CORPORATION
Prefix	
First	Debbie
Middle	
Last	Sparkman
Suffix	
Title	Project Manager
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1192 HIGHWAY 304
Routing (such as Mail Code, Dept., or Attn:)	
City	BASTROP

State	TX
ZIP	78602
Phone (###-###-####)	5125496998
Extension	
Alternate Phone (###-###-####)	5124127976
Fax (###-###-####)	
E-mail	dsparkman@southeastpower.com

CNOI General Characteristics

- | | |
|---|---|
| 1) Is the project located on Indian Country Lands? | No |
| 2) Is your construction activity associated with a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources? | No |
| 3) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site? | 4911 |
| 4) If applicable, what is the Secondary SIC Code(s)? | |
| 5) Is the project site part of a larger common plan of development or sale? | No |
| 6) What is the total number of acres disturbed? | 60 |
| 7) What is the name of the first water body(s) to receive the stormwater runoff or potential runoff from the site? | Plum Creek, Artesia Creek, McNeil Creek, Salt Branch, Guadalupe River |
| 8) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach? | 1810 1808 |
| 9) Is the discharge into an MS4? | Yes |
| 9.1. What is the name of the MS4 Operator? | Tx Dept of Transportation |
| 10) Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) List of impaired waters? | No |
| 11) Is the discharge or potential discharge within the Recharge Zone, Contributing zone, or Contributing zone within the Transition zone of the Edwards Aquifer, as defined in 30 TAC Chapter 213? | No |
| 12) I certify that a stormwater pollution prevention plan has been developed, will be implemented prior to construction, and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the general permit TXR150000. Note: For multiple operators who operate under a shared SWP3, the confirmation of an operator may be limited to its obligations under the SWP3 provided all obligations are confirmed by at least one operator. | Yes |
| 13) I certify that I have obtained a copy and understand the terms and conditions of the Construction General Permit (TXR150000). | Yes |
| 14) I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed. | Yes |

Attachment 0

Report Any Changes to Current Regulatory Mechanisms - BMP 4.3.2

Changes to Regulatory Mechanisms

No changes to regulatory mechanisms.

NA

NA

NA

NA

Attachment P

Map of Permanent Structural Controls - BMP 5.3.2.c

Structural controls are displayed on the map found in Attachment E.

Attachment Q

Report Impaired Waterbodies and POCs Identified - BMP 7.3.1

Name of TMDL	POC
N/A	NA
NA	NA

Attachment R

Identify Areas of Focused Effort or Additional BMPs to Reduce POCs - BMP 7.3.1.1

Name of TMDL	Measurable BMPs
N/A	NA
NA	NA

Attachment S

**Include Measurable Goal and Implementation Schedule for Targeted Controls
- BMP 7.3.1.2**

Targeted Controls	Measurable Goal
N/A	NA
NA	NA

Attachment T

Provide Benchmark Goals and Report the Options Selected - 7.3.1.3

Attachment U

**Provide Analysis of How BMPs Will be Effective in Contributing to the
Benchmark Goal - BMP 7.3.1.4**

Attachment V

**Provide a Summary of Findings Addressing Potential Bacteria Sources - BMP
7.3.1.5**

Attachment W

Provide Documentation of Monitoring or Assessment of Bacteria - BMP 7.3.1.6

Attachment X

Include Revised BMPs in SWMP and Annual Report - BMP 7.3.1.7

Attachment Y

**Discharges to Impaired Waterbodies Require: Determining if Discharges Contain POCs at Levels of Concern; Include Focused BMPs, Along With Measureable Goals; and, Submit Notification of Additional BMPs to TCEQ -
BMP 7.3.2.1**

Attachment Z

Address Potential Bacteria Sources and Provide Summary of Findings - BMP 7.3.2.2

Attachment AA

**Provide Notification of Additional BMPs to Address POCs to TCEQ - BMP
7.3.2.3**

Attachment BB

**Provide a List of Agency Approved WPAPs for Respective Permit Year - BMP
8.3.2**

The following is a list of TxDOT Agency approved WPAPs:

Figure 8.2

TxDOT AGENCY APPROVED WPAPs					
EDWARDS ID	PLAN TYPE	REC DATE	REGULATED ENTITY NAME	TYPE OF RESPONSE	RESPONSE DATE
00011401	WPAP	1/14/00	BLANCO ROAD EXTENSION FM 2696	Approved	3/21/00
99081101B	WPAP-MOD	3/1/00	CEDAR PARK CAMPUS	Approved	4/25/00
00040401	WPAP	4/4/00	I H 35 MAINLANES WIDENING	Approved	5/5/00
00072401	WPAP	7/24/00	LOOP 1 STATE HIGHWAY 45 FRONTAGE ROAD	Approved	9/25/00
00091901	WPAP	9/19/00	COUNTY ROAD 271 AT MEDINA RIVER	Approved	10/19/00
00101201	WPAP	10/12/00	LOOP 1604 FROM FM 1535 TO BITTERS ROAD	Approved	12/6/00
00121201	WPAP	12/12/00	FM 1325	Approved	1/22/01
01031301	WPAP	3/13/01	RM 620 WIDENING CSJ 0683 01 066	Approved	5/1/01
01041901	WPAP	4/19/01	US 281 SOUTHBOUND FRONTAGE ROADS	Approved	5/18/01
01051404	WPAP	5/14/01	FM 1863	Approved	6/15/01
01073003	WPAP	7/30/01	LOOP 1 SH 45 INTERCHANGE SECTION 3 PHASE 1 EAST	Approved	3/14/02
00011401A	WPAP-MOD	8/7/01	FM 2696 BLANCO ROAD	Approved	9/13/01
01091401	WPAP	9/14/01	FM 306 AT HOFFMAN LANE	Approved	2/22/02
01100106	WPAP	10/1/01	STATE HIGHWAY 45 SECTION 4A PHASE II	Approved	2/22/02
01122802	WPAP	12/28/01	FM 3406	Approved	2/1/02
00101201A	WPAP-MOD	2/4/02	LOOP 1604 FROM FM 1535 TO BITTERS ROAD	Approved	3/14/02
02022002	WPAP	2/20/02	RM 2244 WIDENING PROJECT	Approved	4/12/02
02051701	WPAP	5/17/02	LOOP 1 STATE HIGHWAY 45 INTERCHANGE PHASE 1 WEST	Approved	8/14/02
02052101	WPAP	5/21/02	LOOP 1 MAIN LANES	Approved	8/20/02
02121101	WPAP	12/11/02	LOOP 1 EXTENSION FARMER LANE TO TANDEM BOULEVARD	Approved	4/1/03

TxDOT AGENCY APPROVED WPAPs

EDWARDS ID	PLAN TYPE	REC DATE	REGULATED ENTITY NAME	TYPE OF RESPONSE	RESPONSE DATE
03031203	WPAP	3/12/03	LOOP 1 EXTENSION SECTION 2	Approved	5/27/03
03050901	WPAP	5/9/03	SH 45 SECTION VII	Approved	9/12/03
03060201	WPAP	6/2/03	STATE HIGHWAY 130 SEGMENT 1 SECTION 1	Approved	9/12/03
03060501	WPAP	6/5/03	SH 45 SECTION 8 - PARMER LANE TO RIDGELINE BLVD	Approved	9/29/03
03060502	WPAP	6/5/03	RM 1431 ACCELERATION DECELERATION LANES	Approved	9/12/03
03072101	WPAP	7/21/03	US 183 SECTION 9	Approved	12/31/03
03082801	WPAP	8/28/03	STATE HIGHWAY 127	Approved	12/17/03
92022701A	WPAP-MOD	9/12/03	FM 734 LEFT TURN LANE	Approved	12/18/03
03091502	WPAP	9/15/03	STATE HIGHWAY 130 SEGMENT 1 PHASE 2	Approved	12/3/03
04030303	WPAP	3/3/04	STATE HIGHWAY 46	Approved	4/20/04
04031002	WPAP	3/10/04	LOOP 1604	Approved	5/13/04
04031101	WPAP	3/11/04	RM 12	Approved	4/26/04
04081010	WPAP	8/10/04	RM 1051	Approved	11/10/04
04101401	WPAP	10/14/04	STATE HIGHWAY 29 CSJ 0337-01-029	Approved	12/23/04
04031002A	WPAP-MOD	11/8/04	LOOP 1604 AT BULVERDE ROAD	Approved	12/3/04
05012101	WPAP	1/21/05	RM 620 CULVERT	Approved	4/1/05
05030401	WPAP	3/4/05	STATE HIGHWAY 29	Approved	5/17/05
05031001	WPAP	3/10/05	US 290 WIDENING	Approved	5/16/05
05032910	WPAP	3/29/05	US 281	Approved	7/26/05
05042510	WPAP	4/25/05	FM 1863	Approved	6/14/05
05052301	WPAP	5/23/05	STATE HIGHWAY 71 IMPROVEMENTS	Approved	9/22/05
05060901	WPAP	6/9/05	IH 35 FRONTAGE ROAD AND OVERPASS	Approved	8/17/05
05072501	WPAP	7/25/05	IH 35 FRONTAGE ROADS @ ONION BRANCH	Approved	8/15/05

TxDOT AGENCY APPROVED WPAPs

EDWARDS ID	PLAN TYPE	REC DATE	REGULATED ENTITY NAME	TYPE OF RESPONSE	RESPONSE DATE
05072502	WPAP	7/25/05	IH 35 SOUTHBOUND FRONTAGE ROAD @ SOUTH FORK SAN GABRIEL RIVER	Approved	8/29/05
05090110	WPAP	9/1/05	LOOP 1604 TOLL STARTER SYSTEM	Approved	6/5/06
05032910B	WPAP-MOD	11/28/05	US 281	Approved	6/5/06
06010601	WPAP	1/6/06	RM 2243	Approved	4/14/06
06020302	WPAP	2/3/06	RM 3406 @ CREEK BEND BLVD	Approved	4/12/06
05030310A	WPAP	2/17/06	FM 1535	Approved	5/11/06
06031310	WPAP	3/13/06	STATE HIGHWAY 173 @ CR 241 AND CR 247	Approved	4/12/06
06042710	WPAP	4/27/06	FM 1283	Approved	6/27/06
06051810	WPAP	5/18/06	US 281 @ OVERLOOK PARKWAY	Approved	7/13/06
06060110	WPAP	6/1/06	STATE HIGHWAY 16 @ FM 1560 CSJ 0291-10-090	Approved	7/31/06
06092810	WPAP	9/28/06	STATE HIGHWAY 46	Approved	11/27/06
07031601	WPAP	3/16/07	IH 35 AT SH 29 TURNAROUNDS	Approved	4/25/07
07041610	WPAP	4/16/07	IH 10 LOOP 1604 SOUTH TO TRANSITION ZONE	Approved	6/20/07
07072301	WPAP	7/23/07	IH 35 @ RM 620 BRIDGE TURNAROUND	Approved	9/7/07
07081310	WPAP	8/13/07	SH 46 AT RM 2722 IMPROVEMENTS	Approved	10/22/07
08011001A	WPAP	1/15/08	RM 620 IMPROVEMENTS	Approved	2/29/08
08011001B	WPAP	1/15/08	RM 620 IMPROVEMENTS	Approved	3/3/08
08011001C	WPAP	1/15/08	RM 620 IMPROVEMENTS	Approved	3/3/08
08012910	WPAP	1/29/08	FM 2696 GLADE CROSSING TO WEST OAK ESTATES	Approved	4/7/08
08090501	WPAP	9/5/08	IH 35 NORTHBOUND ACCESS RAMP MODIFICATIONS	Approved	10/10/08
08090504	WPAP	9/5/08	FM 2338 IMPROVEMENTS - FM 3405 TO D B WOOD RD	Approved	11/3/08
08090810	WPAP	9/8/08	IH 10 EAST BOUND FRONTAGE ROAD AT LEON CREEK	Approved	10/27/08

TxDOT AGENCY APPROVED WPAPs

EDWARDS ID	PLAN TYPE	REC DATE	REGULATED ENTITY NAME	TYPE OF RESPONSE	RESPONSE DATE
11-08102201	WPAP	10/22/08	IH 35 AT LAKEWAY DRIVE	Approved	12/31/08
05042510A	WPAP-MOD	4/9/09	FM 1863	Approved	5/11/09
10021101	WPAP	2/11/10	US 290 LOOP 1 DIRECT CONNECT RAMPS	Approved	4/22/10
11-09012702A	WPAP	3/5/10	IH 35 NORTHBOUND FRONTAGE ROAD	Approved	4/29/10
07120602A	WPAP-MOD	3/26/10	FM 971	Approved	5/5/10
11-10052401	WPAP	5/24/10	RM 12 IMPROVEMENTS	Approved	6/29/10
11-11021701	WPAP	2/17/11	RM 620 Improvements	Approved	4/28/11
	WPAP	7/21/11	SH 127	Approved	9/7/11
11-10102702A	WPAP-MOD	7/28/11	SH 45 O'Conner Drive	Approved	9/9/11
11-11070702	WPAP	7/7/11	FM 1626	Approved	9/21/11
	WPAP	8/11/11	Loop 337 at Ridge Hill	Approved	10/11/11
	WPAP	10/31/11	Loop 1604 at Vance Jackson	Approved	12/13/11
11-12022802	WPAP-MOD	2/28/12	IH 35 Northbound frontage	Approved	4/9/12
11-12070201	WPAP	7/2/12	SH 195 CR 240 to IH 35	Approved	9/11/12
	WPAP	7/19/12	FM 306	Approved	9/14/12
	WPAP-MOD	11/26/12	IH 10 LOOP 1604 SOUTH TO TRANSITION ZONE	Approved	1/7/13
11-13021101	WPAP	2/11/13	RM 12 at Oakwood loop	Approved	3/21/13
13-13021410	WPAP	2/14/13	FM 306 at Hunter road	Approved	4/4/13
	WPAP	5/3/13	North Walnut Ave	Approved	6/18/13
11-13030403	WPAP	3/4/13	Loop 1 Shared Use Path	Approved	7/2/13
11-13060301	WPAP	6/3/13	FM 1626	Approved	9/6/13
11-13101801	WPAP-EXC	10/18/13	IH 35 NORTHBOUND FRONTAGE ROAD	Approved	12/9/13
11-13101802	WPAP-EXC	10/18/2013	SH 195 CR 240 TO IH 35	Approved	1/6/14
11-13110101	WPAP	11/1/13	IH 35 ramp reversal	Approved	4/16/14
11-14021001	WPAP	2/10/14	RM 967	Approved	4/10/14

TxDOT AGENCY APPROVED WPAPs

EDWARDS ID	PLAN TYPE	REC DATE	REGULATED ENTITY NAME	TYPE OF RESPONSE	RESPONSE DATE
11-14030501	WPAP	3/5/14	RM 1431 Diverging diamond intersection	Approved	5/28/14
	WPAP	4/9/14	Spur 53	Approved	5/29/14
11-14021203	WPAP	2/12/14	Loop 1 shared use path at 360	Approved	6/3/14
11-14032102	WPAP	3/21/14	FM 1460	Approved	7/18/14
11-14052201	WPAP	5/22/14	RM 12 Hugo Road to Pioneer Trail	Approved	8/27/14
11-14062601	WPAP	6/26/14	FM 487	Approved	9/10/14
	WPAP	4/22/14	SH 127 at Frio River	Approved	9/11/14
11-15011201	WPAP	1/14/15	SH 45 at Pearson Ranch Road	Approved	2/16/15
11-15011503	WPAP	1/15/15	RM 12 Saddleridge Drive to Hugo Road	Approved	2/20/15
11-15012601	WPAP	1/26/15	FM 3406	Approved	3/11/15
11-15012702	WPAP-EXC	1/28/15	FM 972	Approved	3/4/15
	WPAP	4/8/15	Loop 337 at Ridge Hill Drive	Approved	5/22/15
11-15040302	WPAP	4/3/15	RM 2244 Redbud to Walsh Tarlton	Approved	6/8/15
11-15040301	WPAP-EXC	4/3/15	SH 195 Turn Lane at CR 147	Approved	5/11/15
11-15071703	WPAP	7/17/15	Loop 360 at Loop 1	Approved	8/21/15
	WPAP	9/2/15	FM 306 from Hunter Rd to Hoffman Lane	Approved	10/09/15
11000114	WPAP	1/25/16	IH 35 US 79 TO SH 45 N	Approved	4/20/16
11000235	WPAP	5/2/16	IH 35 AT FM 3406 BRIDGE REPLACEMENT	Approved	6/16/16
	WPAP	5/27/16	FM 306 from River Chase Way to Hoffman Lane	Approved	7/07/16
11000318	WPAP	7/5/16	RM 1431 COTTONWOOD CREEK TRL TO MARKET ST	Approved	9/19/16
11000333	WPAP	8/2/16	RM 620 IMPROVEMENTS PHASE 2	Approved	9/15/16
11000467	WPAP	12/2/16	MOPAC INTERSECTIONS	Approved	2/28/17
	WPAP	12/28/16	US 281 from Loop 1604 to Stone Oak Pkwy	Approved	5/02/17
	WPAP	3/01/17	SH 16 at FM 1560	Approved	4/19/17
	WPAP	4/14/17	FM 1560 from SH 16 to Loop 1604	Approved	6/15/17

Attachment CC

Provide Annual Cost Spent on the TxDOT Stormwater Program - BMP 9.1

Attachment CC	
Annual Cost Spent on the TxDOT Stormwater Program*	
Contracted Work Authorizations	\$ 672,899
Costs reported in SWMP BMPs:	
Don't Mess With Texas Program	\$ 1,448,055
Structural Controls Maintenance	\$ 14,179,896
MMS/Compass Data (see Attachment F)	\$ 23,929,353
Annual Reporting Staff Time:	
Division	\$ 15,529
District	\$ 30,529
Program Implementation Staff Time:	
Division	\$ 271,250
District	\$ 184,000
DEQC 2448s completed	\$ 46,442
Total Program Cost	\$ 40,777,953

* This total Program Cost only includes amount spent towards MS4 Program as described in the TxDOT SWMP, and is not inclusive of the Construction General Permit or any other permits.

Attachment DD

**Provide Maps of Points of Discharge Not Submitted with the Permit
Application - BMP 10.1**

Refer to in Attachment E.

Attachment EE

Provide Map of Major Structural Controls - BMP 10.2

Refer to in Attachment E.

Attachment FF

Annual Reports for Interim Months between Last Reporting Periods of Expired Permits to the Permit Effective Date of this Statewide Permit

Reports are ordered alphabetically by District name, then by Phase I and Phase II permit.

See Volume II.