



## **Austin Bridge & Road**

An Austin Industries Company

**Steve Rothwell**  
**Safety, Health & Environmental Manager**  
**Austin Bridge & Road**



**Austin Bridge & Road**  
An Austin Industries Company

## TPDES Storm Water Permit

1972: Clean Water Act  
1987: Clean Water Act amended to include NPS  
1992: NPDES Construction 5 Acres  
1998: State of Texas (TCEQ) delegated authority  
1999: Phase II 1 acre, expanded rules  
2003: Phase II permit issued  
2003: First TPDES Permit issued  
2008: TPDES renewal permit (operator definition)  
2013: TPDES renewal permit (changes will be covered today)

**The existing permit expires on 3 March 2018**  
**New water sampling requirements**



**Austin Bridge & Road**  
An Austin Industries Company

## TPDES Storm Water Permit

All existing construction sites permitted under the 2008 TPDES Construction permit should have renewed their permit coverage within 90 days of the permit effective date (June 3, 2013)

This applies to Large projects and small projects.

- SWPPP should have been updated to address new permit requirements and changes.
- Once SWPPP updated a new NOI or CSN should be completed and submitted to the state and/or the MS4 Operator.



**Austin Bridge & Road**  
An Austin Industries Company

## TPDES Storm Water Permit

The new permit:

Added new definitions and provided clarification of permit requirements using language that is consistent with the 2012 EPA CGP.



**Austin Bridge & Road**  
An Austin Industries Company

## TPDES Storm Water Permit

Definitions defined:

- Common Plan of development
- Final Stabilization
- Operator – Primary and Secondary



**Austin Bridge & Road**  
An Austin Industries Company

## TPDES Storm Water Permit

### Definitions Added:

- Construction Activity
- Dewatering
- Drought stricken area
- Effluent Limitations Guideline (ELG)
- Impaired Waters
- Linear Project
- Minimize
- Receiving Waters
- Total Maximum Daily Load (TMDL)
- Turbidity



**Austin Bridge & Road**  
An Austin Industries Company

## TPDES Storm Water Permit

### The new permit:

Allows construction sites in drought stricken areas to inspect erosion control devices once a month.

**\*\*Permit already has this language for arid and semi arid regions.**



**Austin Bridge & Road**  
An Austin Industries Company

## TPDES Storm Water Permit

### The new permit:

Revised the definition of final stabilization to include the requirement for the home builder to retain documentation of site stabilization in the SWPPP for individual lots.



**Austin Bridge & Road**  
An Austin Industries Company

## TPDES Storm Water Permit

### The new permit:

Extended the allowance for the land disposal of concrete truck washout water to concrete batch plants located at the construction site. \*\*Rinsing only, no detergents.



**Austin Bridge & Road**  
An Austin Industries Company



## TPDES Storm Water Permit

The new permit:

### Revised Impaired Receiving Water & TMDL Requirements and Expanding

Language in this section of the permit. Construction Sites discharging to a water quality impaired water body, where the impairment is caused by storm water, will be required to:

- Comply with control requirements in the TMDL or Implementation Plan.
- If no TMDL (listed only as impaired), required to address pollutants of concern.



**Austin Bridge & Road**  
An Austin Industries Company

## TPDES Storm Water Permit

The new permit:

Added effluent limitations guidelines for regulated construction sites based on the Federal Effluent Limitation Guidelines (ELGs), which consist of a series of Best Management Practices.



**Austin Bridge & Road**  
An Austin Industries Company

## TPDES Storm Water Permit

The new permit:

Removed the requirement for the primary operator to post a copy of the NOI at the construction site entrance. The new permit only requires that Construction Site Notices be posted at the project site.



**Austin Bridge & Road**  
An Austin Industries Company

## TPDES Storm Water Permit

The new permit:

Large construction site waiver effective date.

- Revising so that coverage begins seven (7) days from the postmarked date to the TCEQ. \*Currently 48 hours.
- Electronic submittal through STEERS will provide immediate Coverage



**Austin Bridge & Road**  
An Austin Industries Company

## TPDES Storm Water Permit

Texas H. B. No. 3289

- The commission shall appoint a TPDES-related storm water professional advisory board (Jan 1, 2014)
- TCEQ and Board shall established the rules required to implement license (Jan 1, 2015)
- TCEQ shall issue a TPDES-related storm water professional license (before June 1, 2015)
  - Bachelor's or graduate degree in science or engineering
  - A licensed professional engineer
  - High school and 7 years exp. relating to TPDES storm water
  - Associate's degree in science or engineering and 2 years exp.
  - Licensed geologist and 2 years exp.



**Austin Bridge & Road**  
An Austin Industries Company