

# Industrial Stormwater Multi-Sector General Permit (MSGP) TXR050000

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## Overview and Renewal Update

TCEQ Autumn Environmental Conference & Expo (AECE)  
October 8-10, 2019



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Water Quality Division – Stormwater Team**



# MSGP TXR050000

- Effective August 14, 2016
- Expires August 14, 2021
- Authorizes point source discharges of “stormwater associated with industrial activity” and certain non-stormwater discharges to surface waters in the state
- Stormwater discharges directly related to manufacturing, processing or raw materials storage areas at an industrial facility



# Stormwater Discharges Requiring MSGP Authorization

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Stormwater discharges associated with industrial activity as defined in 40 CFR § 122.26(b)(14)(i) through (xi)

Coverage is based upon:

- Standard Industrial Classification Codes (SIC)
- Activity Codes
- Discharges subject to federal effluent guidelines under 40 CFR Parts 400-471
- Divided into 30 Sectors - A to AD



# SIC Code Determination

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- TCEQ nor EPA assign SIC codes
- SIC Codes are four-digits in length
- SIC Codes are based on revenue produced by the regulated activity
- Ask your tax accountant (if you have one)

SIC 2085



Distilled & Blended  
Liquors

# Industrial Activity Codes

Certain activities are regulated:

Activity Codes:

- Sector K:  
HZ – Hazardous waste treatment, storage and disposal
- Sector L:  
LF – Landfills
- Sector O:  
SE – Steam electric power plants
- Sector T:  
TW – Treatment Works



Wastewater Treatment Plant

# Stormwater Discharges Subject to Federal Categorical Guidelines

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- Discharges subject to federal effluent guidelines under 40 CFR Subpart N Parts 400-471
  - Sectors A, C, D, E, J, O, and S have sector-specific numeric limitations based upon specific SIC codes
  - Federal effluent guidelines are not applicable to all SIC codes in each Sector



# MSGP Applicability

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- Co-located activities: more than one SIC code
- Co-located facilities: each has a distinct authorization number
- Municipal-operated facilities
- Military bases and other federal facilities



# Oil and Gas Field Services

## Sector I - SIC Code 1389

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- Authorization to discharge stormwater for *SIC Codes 1311, 1321, 1381, and 1382* are issued by the EPA Region 6
- Texas Railroad Commission (RRC) regulates oil and gas services that occur in the field
- TCEQ regulates oil and gas services at company headquarters, local offices, or at oil field service companies home office





# MSGP TXR050000

## Authorization Types

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### **Notice of Intent (NOI)**

Each NOI authorization number is unique

*Ex., TXR05N193*

### **No Exposure Certification (NEC)**

Each NEC authorization number is unique

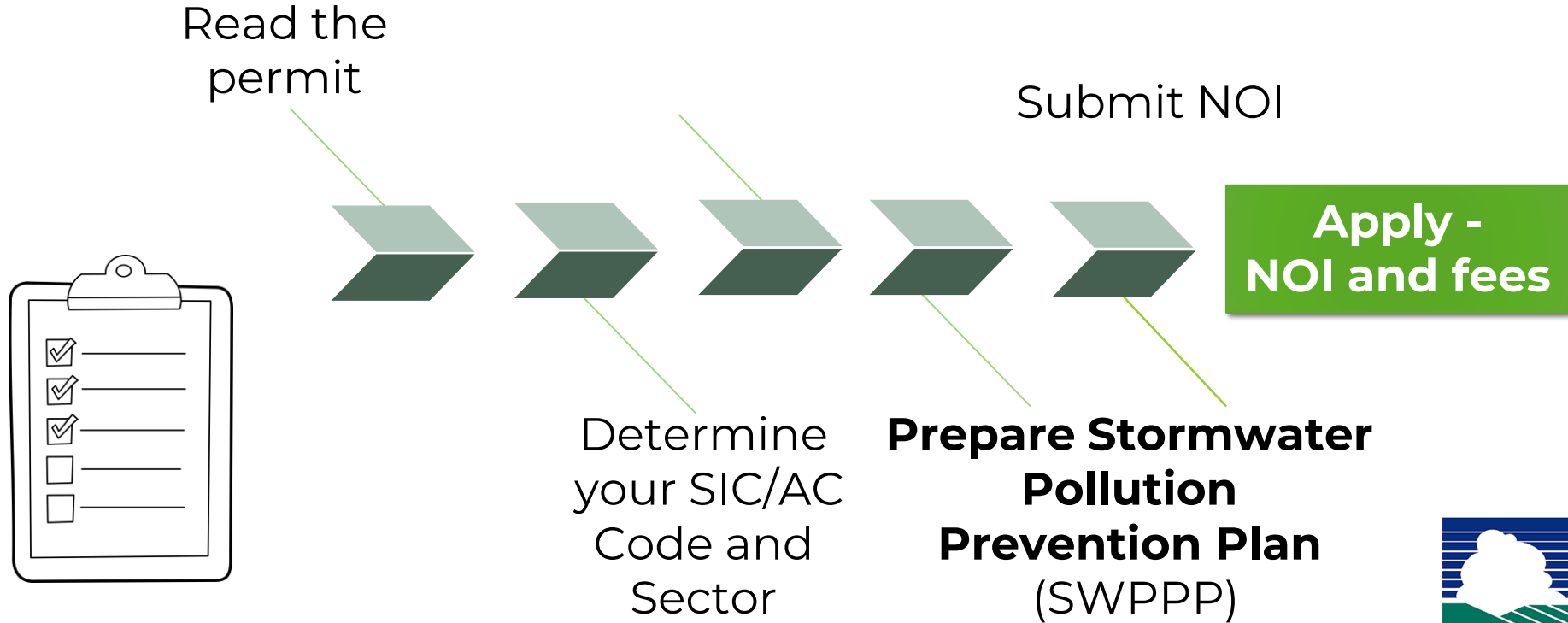
*Ex., TXRNEV715*

### **Automatic Authorization**

Automatic authorization numbers not assigned



# NOI Authorization



# Obtaining MSGP Authorization Through ePermits



1. Create an account
2. Sign Participation Agreement (SPA) either printed, signed and mail or sign electronically (need a C Texas Drivers License) or print, sign, and mail
3. Fill out the applicable form (NOI or NEC) sign form
4. Pay \$100 Fee
5. Submit form (NOI or NEC)
6. Print authorization certificate, NOI or NEC and letter



# Permit Application Cycle



# MSGP Annual Water Quality Fee

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All active NOI authorizations, as of Sept. 1 of each year, must pay an annual water quality fee of \$200.

*(Texas Water Code, § 26.0291)*



# MSGP Requirements

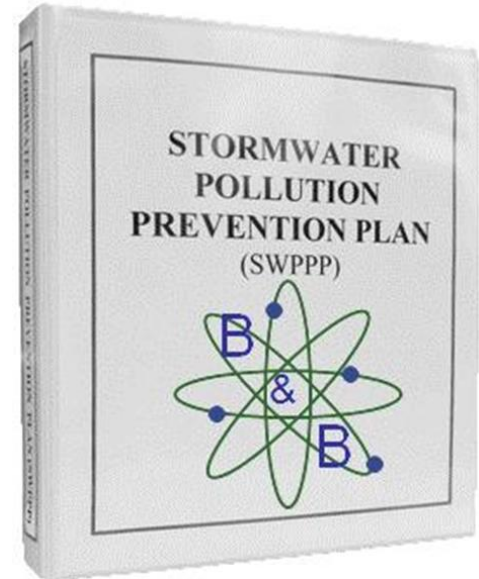
- Develop and implement a SWP3
- Submit an NOI
- Monitor and record discharges to comply with numeric effluent limits
- Perform quarterly visual monitoring
- Perform quarterly inspections of controls
- If required perform Benchmark Sampling
- Annual Report



# Stormwater Pollution Prevention Plan (SWP3)

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- An applicant must develop & implement a SWP3 before submitting an NOI for coverage
- SWP3 requirements are in Part III, Section A of the MSGP



# SWP3 Requirements

- Establish a Stormwater Pollution Prevention Team
- Description of Potential Pollutants and Sources
- General Location Map
- Drainage Area Site Map
- Pollution Prevention Measures and Controls
- Housekeeping Measures, Erosion & Sedimentation Controls
- Spill Prevention and Response Measures



# SWP3 Requirements

- Identify actual and potential sources of pollution
- Establish practices and any necessary controls
- Explain how the selected practices & controls are applicable
- Describe how controls & practices relate to an integrated approach for stormwater pollution prevention
- Provide a description of the facility
- Monitoring & inspection procedures & schedules

# Periodic Inspections

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- Inspection and Certification of Non-Stormwater Discharges
- Routine Facility Inspections



# Inspections

TYPE	FREQUENCY	RECORDING
Inspection/Certification of Non-stormwater Discharges	Within 180 days of filing an NOI	-Update SWP3 as Needed -Certification in SWP3
Routine Facility Inspection	1/quarter by qualified personnel & SWP3 team member	-Signed documentation with checklist
Quarterly Visual Monitoring	Quarterly	-Reviewed by SWP3 team -Records in SWP3 -Update SWP3 as needed
Annual Comprehensive Site Compliance Inspection	Annually	-Report that is signed/certified within 30 days -Update SWP3 as needed

# Qualifying Storm Events



- Storm event that results in a discharge from the site
- Must have rain gauge on-site
- Must be monitoring at least once per week and once per day during storm events



# MSGP Sampling Guide

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- Quarterly Visual
- Benchmark
- Hazardous Metals
- Sector Specific Numeric Effluent Limits
- Impaired Waters and Pollutants of Concern



# Quarterly Visual

- Collect a **grab sample** from each outfall using a clean clear glass or plastic jar
- Perform the **visual examination immediately** after collecting the sample in a well-lit area
- **Document** indicators of stormwater pollution
- Modify BMPs or process if examination reveals indicators of pollutants



# Benchmark Monitoring Requirements



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY  
 BENCHMARK MONITORING REPORT  
 FOR FACILITIES AUTHORIZED UNDER THE  
 MULTI-SECTOR GENERAL PERMIT (TXR050000)

If you have questions about completing this form please contact the Stormwater & Pretreatment Team at 512-239-4671 or [SWGPP@tceq.texas.gov](mailto:SWGPP@tceq.texas.gov).

Reporting Period: January – December, 20 [redacted]

Authorization Number: TXRo5 [redacted]

SIC Code: [redacted] Industrial Activity Code: [redacted] Sector: [redacted]

Parameter	Benchmark Level (mg/L)	1 <sup>st</sup> Period Result (Jan-Jun)	2 <sup>nd</sup> Period Result (July-Dec)	Annual Average (mg/L)	Does Annual Average Exceed Benchmark Level (Yes/No)

- Required for 21 Sectors
- Based on specific SIC codes in each of the 21 Sectors
- Submit calendar Years 1 & 2 by March 31<sup>st</sup> of the following year
- Waiver available for calendar Years 3 & 4



# Hazardous Metals Monitoring Requirements

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- Required for all sectors
- Sample once per year
- Use Discharge Monitoring Report (DMR) form
- If any of the numeric effluent limits are in exceedance the DMR must be submitted
- **No exceedances - DO NOT SUBMIT THE DMR put the DMR in your SWP3!**





# Waiver from Numeric Effluent Limits Monitoring

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- Waiver option from monitoring requirements for hazardous metal
  - Waiver may be obtained on a metal by metal basis, or on an outfall by outfall basis
  - There are 3 waiver options, permittee only has to meet one of the three



# Waiver Options for Hazardous Metals Monitoring

1. The permittee certifies that the facility does not use a raw material, produce an intermediate product, or produce a final product that contains 1 or more of the hazardous metals
2. The permittee certifies that any raw materials, intermediate products, or final products that contain hazardous metal are never exposed to stormwater or runoff



# Waiver Option for Hazardous Metals Monitoring

3. The permittee collects a sample from the first available discharge from the facility occurring during first sampling period, analyzes the sample for the listed hazardous metals, and results indicate that the metal(s) is/are not present in detectable levels



# Sector-Specific Numeric Effluent Limits

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- Sectors A, C, D, E, J, O, & S
- Does Not apply to all SIC Codes contained in each sector
- Sample once per year by December 31<sup>st</sup>
- DMRs must be submitted by March 31<sup>st</sup> each year



# Hazardous Metals & Sector Specific Numeric Effluent Limits - NetDMR Reporting

- The TCEQ NetDMR system is not available at this time
- A TEMPORARY NetDMR Electronic Reporting Waiver (letter) has been issued for all existing and new MSGP permittees
- The waiver is not transferrable and expires on August 14, 2021



# Impaired Water Bodies & Total Maximum Daily Load (TMDL) Requirements

- Discharges of the pollutant(s) of concern to water bodies with a TMDL must be consistent with the limitations, conditions, and requirements of the established TMDL & Implementation Plan.
  - New Discharges to impaired water bodies
  - Current Discharges to impaired water bodies



# What is “No-Exposure”?

Is he Exposed to  
stormwater?  
Yes or No



- “No-Exposure means **all industrial activities** are either **conducted indoors or protected by a storm-resistant shelter** to prevent exposure of those activities to rain, snow, snowmelt, or runoff
- Refer to RG-467 Revised November 2016 Conditional No-Exposure Exclusion from Stormwater Permit Requirements to determine if you can qualify for NEC



# NEC Authorizations

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- Available for all sites that have no exposure of industrial materials or activities to stormwater
- Operators certify that industrial activities and material are not exposed to stormwater
- No SWP3, sampling, monitoring, inspections or annual water quality fee







# Obtaining a NEC

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- Submit NEC form online
- Pay Application fee of \$100 through e-Permits
- No annual water quality fee
- Must maintain “no exposure” conditions at all times



# Automatic Authorization

- Operators who conduct a regulated activity performed in a residential home, shopping mall, or office building – and the regulated activity is not exposed to stormwater
- Facilities with SIC 4225 (general warehousing) with no vehicle maintenance
- Facilities that conduct publishing or design without printing



# Changes in Information or Cancelling Coverage

- Submit a Notice of Change (NOC) for changes to information submitted on NOI or NEC
- Submit a Notice of Termination (NOT) to cancel coverage



# Wastewater Treatment Plants > than 1 MGD or have a Pretreatment Program

- Authorization to discharge stormwater required by MSGP (Sector T)
- Operators of Wastewater Treatment facilities that route all stormwater runoff to the wastewater treatment facility headworks in accordance with an individual TPDES are exempt from MSGP



# 2021 MSGP Renewal

- Renewal process has started
- Stakeholder meeting planned for Oct. 18, 2019
- TCEQ is seeking input to changes to the MSGP

# STAY TUNED



# Useful Links

- TCEQ webpage – <https://www.tceq.texas.gov/>
- TCEQ Stormwater Permits –  
<https://www.tceq.texas.gov/permitting/stormwater>
- STEERS – <https://www3.tceq.texas.gov/steers/>
- SBLGA Assistance Tools –  
<https://www.tceq.texas.gov/assistance/water/stormwater/sw-industrial.html>



# MSGP Forms and Location

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Hazardous Metals Waiver: Form 10425

Benchmark Monitoring Data Analysis: Form 20091

[http://www.tceq.texas.gov/search\\_forms.html](http://www.tceq.texas.gov/search_forms.html)

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[webmaster@tceq.texas.gov](mailto:webmaster@tceq.texas.gov)

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# Contact Information

## Stormwater Team

(512) 239-4671 - [swgpp@tceq.texas.gov](mailto:swgpp@tceq.texas.gov)

## Stormwater Processing Center

(512) 239-3700 - [swpermit@tceq.texas.gov](mailto:swpermit@tceq.texas.gov)

## Small Business and Local Government Assistance (SBLGA)

1-800-447-2827





# Stormwater Program Contacts

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## Stormwater Team

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Questions?

