

Texas Pollutant Discharge Elimination System (TPDES)

Industrial Stormwater Multi-Sector General Permit (MSGP) TXR050000



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Water Quality Division – Stormwater Team



MSGP TXR050000

Authorizes point source discharges of stormwater associated with industrial activity and certain non stormwater discharges to surface waters in the state & to municipal separated storm sewer systems (MS4s)





Discharges that require MSGP Authorization

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

Coverage is based upon:

- Standard Industrial Classification Codes (SIC)
- Activity Codes
- Discharges subject to federal effluent guidelines under
40 CFR Parts 400 -474



SIC Code Determination

- TCEQ does not 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



Regulated Industrial Activities

- Divided into 30 Sectors - A to AD
- Seven Sectors have effluent limits based on 40 CFR Parts 400 -474
- Sectors are based upon SIC code and activity Codes

Example:

SIC Codes 2675 – Sector B

Activity Code TW – Sector T





MSGP Applicability

- 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

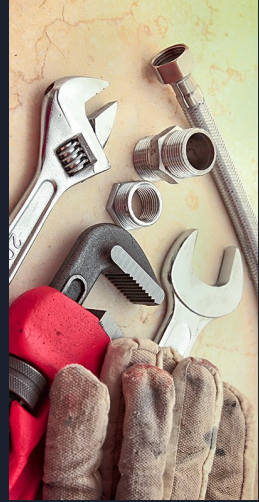


Oil and Gas Field Services

SIC Code 1389

TCEQ regulates oil and gas activities that occur at comp[any headquarters, base of operations, or at an oil field services company

Texas Railroad Commission (RRC) regulates oil and gas activities that occur in the field and natural gas activities





MSGP TXR050000

Authorization Types

- **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

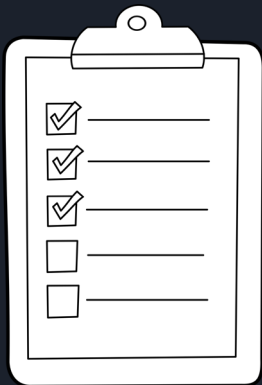
Read the
permit

Is there
industrial exposure?

Apply -
NOI and fees

Determine
your SIC/AC
Code and
Sector

Prepare Stormwater
Pollution
Prevention Plan
(SWPPP)



Obtaining MSGP Authorization Through ePermitting



1. Create an account
2. Fill out applicable NOI/NEC
3. Sign form (will need a Texas Driver's License)
4. Pay \$100 Fee
5. Submit NOI or NEC
6. Print authorization certificate, NOI or NEC and letter

<https://www3.tceq.texas.gov/steers/>





MSGP Annual Water Quality Fee

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)





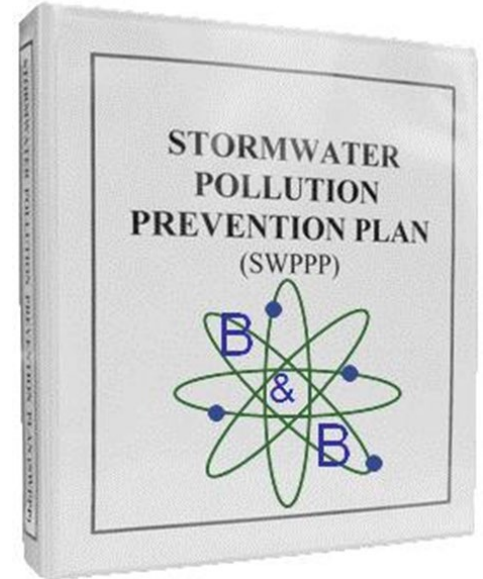
MSGP Requirements

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



Stormwater Pollution Prevention Plan

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



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





MSGP Sampling Guide

- 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 storm water pollution
- Modify BMPs or process if examination reveals indicators of pollutants



Quarterly Visual Pollutants Indicators

- Color
- Clarity
- Floating solids
- Settled solids
- Suspended solids
- Foam
- Oil sheen
- Other obvious indicator of stormwater pollution (odors)



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 SWGPF@tceq.texas.gov.

Reporting Period: January – December, 20

Authorization Number: TXR05

SIC Code: Industrial Activity Code: Sector:

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

- Required by 21 Sectors based on SIC codes
- Submit Calendar Years 1 & 2 results to TCEQ by March 31st of the following year
- Waiver for Calendar Years 3 & 4
- Do not submit unless exceedance of benchmark



Benchmark Monitoring Waiver

- If the annual average results for monitoring years 1 & 2 are all below the benchmark levels
- The permittee is not required to conduct benchmark monitoring for calendar years 3 & 4
- Sampling not required for permit year 5





Hazardous Metals Monitoring Requirements

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



Hazardous Metals Monitoring Requirements


HAZARDOUS METALS - INLAND WATERS					STW / TXR05 / CO																							
<small>PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)</small> NAME 			<small>NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)</small> (2-16) (17-19) 			NOTE: Enter your authorization number in the underlined space in the upper right hand corner of this page. Example: STW/ TXR05<u>102</u>/ CO																						
ADDRESS 			<small>PERMIT NUMBER</small> 			<small>DISCHARGE NUMBER</small> 																						
FACILITY LOCATION 			<small>MONITORING PERIOD</small> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>YEAR</th> <th>MO</th> <th>DAY</th> <th>YEAR</th> <th>MO</th> <th>DAY</th> </tr> <tr> <td>01</td> <td>01</td> <td></td> <td>12</td> <td>31</td> <td></td> </tr> <tr> <td>(20-21)</td> <td>(22-23)</td> <td>(24-25)</td> <td>(26-27)</td> <td>(28-29)</td> <td>(30-31)</td> </tr> </table>			YEAR	MO	DAY	YEAR	MO	DAY	01	01		12	31		(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)	<small>Only if required, mail to: TCEQ (MC 213) P.O. Box 13087 Austin, TX 78711-3087</small>				
YEAR	MO	DAY	YEAR	MO	DAY																							
01	01		12	31																								
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)																							
PARAMETER (32-37)	X	<small>(3 Card Only) (46-53)</small> <small>QUANTITY OR LOADING (54-61)</small> AVERAGE MAXIMUM UNITS	<small>(4 Card Only) (38-49)</small> <small>QUALITY OR CONCENTRATION (46-53)</small> MINIMUM AVERAGE MAXIMUM UNITS	<small>NO. EX (62-63)</small>	<small>FREQUENCY OF ANALYSIS (64-68)</small>	<small>SAMPLE TYPE (69-70)</small>																						
Arsenic	SAMPLE MEASUREMENT SAMPLE REQUIREMENT	***** *****	***** ***** 0.3 Daily Max		1/Year	Grab																						
Barium	SAMPLE MEASUREMENT SAMPLE REQUIREMENT	***** *****	***** ***** 4.0 Daily Max	mg/l	1/Year	Grab																						
Cadmium	SAMPLE MEASUREMENT SAMPLE REQUIREMENT	***** *****	***** ***** 0.2 Daily Max	mg/l	1/Year	Grab																						
Chromium	SAMPLE MEASUREMENT SAMPLE REQUIREMENT	***** *****	***** ***** 5.0 Daily Max	mg/l	1/Year	Grab																						
Copper	SAMPLE MEASUREMENT SAMPLE REQUIREMENT	***** *****	***** ***** 2.0 Daily Max	mg/l	1/Year	Grab																						
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		<small>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 KNOWLEDGE OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING OR REPORTING THE INFORMATION IDENTIFIED BY, 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.</small>		TELEPHONE		DATE																						
TYPED OR PRINTED				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR MO DAY																				
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)																												
<div style="border: 1px solid black; height: 20px; width: 100%;"></div>																												



Waiver from Numeric Effluent Limitation Monitoring

- Part III.C.1.(d) of the MSGP allows permittees to waiver from monitoring requirements for hazardous metals
- Waiver may be obtained on a metal by metal basis, or on an outfall by outfall basis
- There are 3 criteria, permittee only has to meet one of the three





Sector Specific Numeric Effluent Limitations

- 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 31st
- DMRs must be submitted (even if there is no discharge or exceedances)





Metals & Sector Specific NELs NetDMR Reporting

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





Impaired Water Bodies (IWB) & 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 TMDL & Implementation Plan.
- New Discharges to IWB must comply with Part II.B. 7.(b).
- Current Discharges to IWB must comply with Part II.B.7.(d).



Inspections

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



NEC Authorizations

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



Obtaining a NEC

- Submit NEC form online
- Pay Application fee \$100 through e-permits
- No annual water quality fee
- 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 if the requirements of Part II B.13.(c) are met

Facilities with SIC 4225 that meet the requirements of Part V Section P.2.c

Facilities described under Part V. Section X. that conduct publishing or design without printing, if the requirements of Part V Section X.2 are met



Wastewater Treatment Plants > than 1 MGD or has Pretreatment Program

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





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





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.html>





MSGP Forms and Location

- Hazardous Metals Waiver: Form 10425
- Benchmark Monitoring Data Analysis: Form 20091

http://www.tceq.texas.gov/search_forms.html

Home / Forms Search

>> Questions or Comments:
webmaster@tceq.texas.gov

Forms Search

Find TCEQ forms that are available on our website, or contact information to obtain those that are not available online.

▪ Current Forms Search

- Keyword
- Form Number
- Subject





Contact Information

- **Stormwater Team**
(512) 239-4671 - swgp@tceq.texas.gov
- **Stormwater Processing Center**
(512) 239-3700 - swpermit@tceq.texas.gov
- **Small Business and Local Government Assistance (SBLGA)**
1-800 -447 -2827





Stormwater Program Contacts

- **Stormwater Team**

Rebecca L. Villalba, Team Leader

Lindsay Garza, Work Leader

Hanne Lehman Nielson

Dan Siebeneicher

Lili Martinez

Macayla Coleman





Thank You!

