



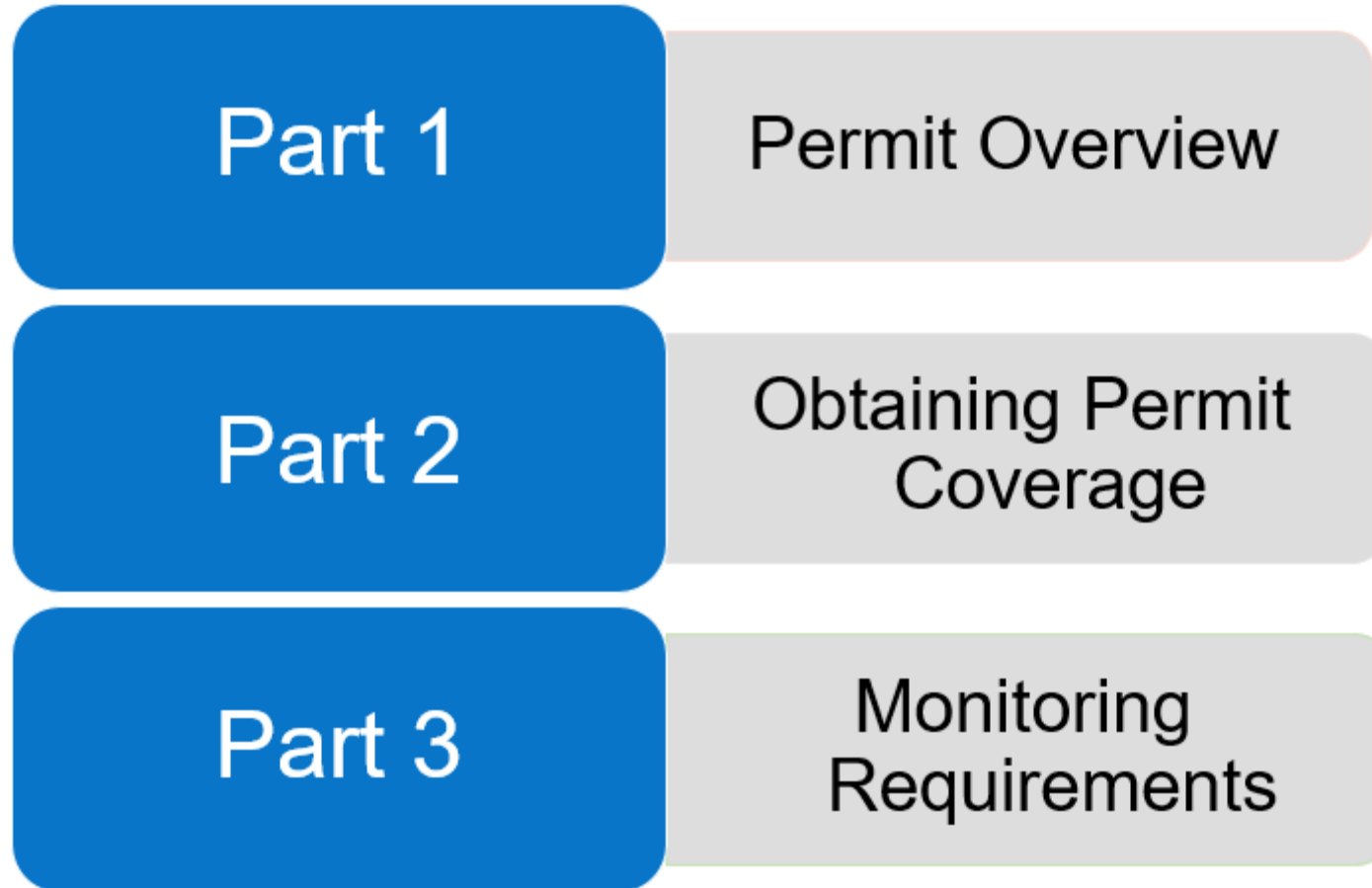
Overview of the Stormwater Multi-Sector General Permit (MSGP, TXR050000)

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TCEQ Water Quality Division- Stormwater Team

October 19, 2023

Presentation Outline



Permit Overview

MSGP, TXR050000

- Effective August 14, 2021
- Expires August 14, 2026
- 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

Texas Commission on Environmental Quality

P.O. Box 13087 Austin, Texas 78711-3087



GENERAL PERMIT TO DISCHARGE UNDER THE TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM

under provisions of Section 402 of the Clean Water Act
and Chapter 26 of the Texas Water Code

This permit supersedes and replaces
TPDES General Permit No. TXR050000, issued August 14, 2016.

Facilities that discharge stormwater associated with industrial activity

located in the state of Texas

may discharge to surface water in the state

only according to effluent limitations, monitoring requirements and other conditions set forth in this general permit, as well as the rules of the Texas Commission on Environmental Quality (TCEQ), the laws of the State of Texas, and other orders of the Commission of the TCEQ (Commission). The issuance of this general permit does not grant to the permittee(s) the right to use private or public property for conveyance of wastewater along the discharge route. This includes property belonging to but not limited to any individual, partnership, corporation or other entity. Neither does this general permit authorize any invasion of personal rights nor any violation of federal, state, or local laws or regulations. It is the responsibility of the permittee(s) to acquire property rights as may be necessary to use the discharge route.

This permit and the authorization contained herein shall expire at midnight, five years from the permit effective date.

EFFECTIVE DATE: August 14, 2021

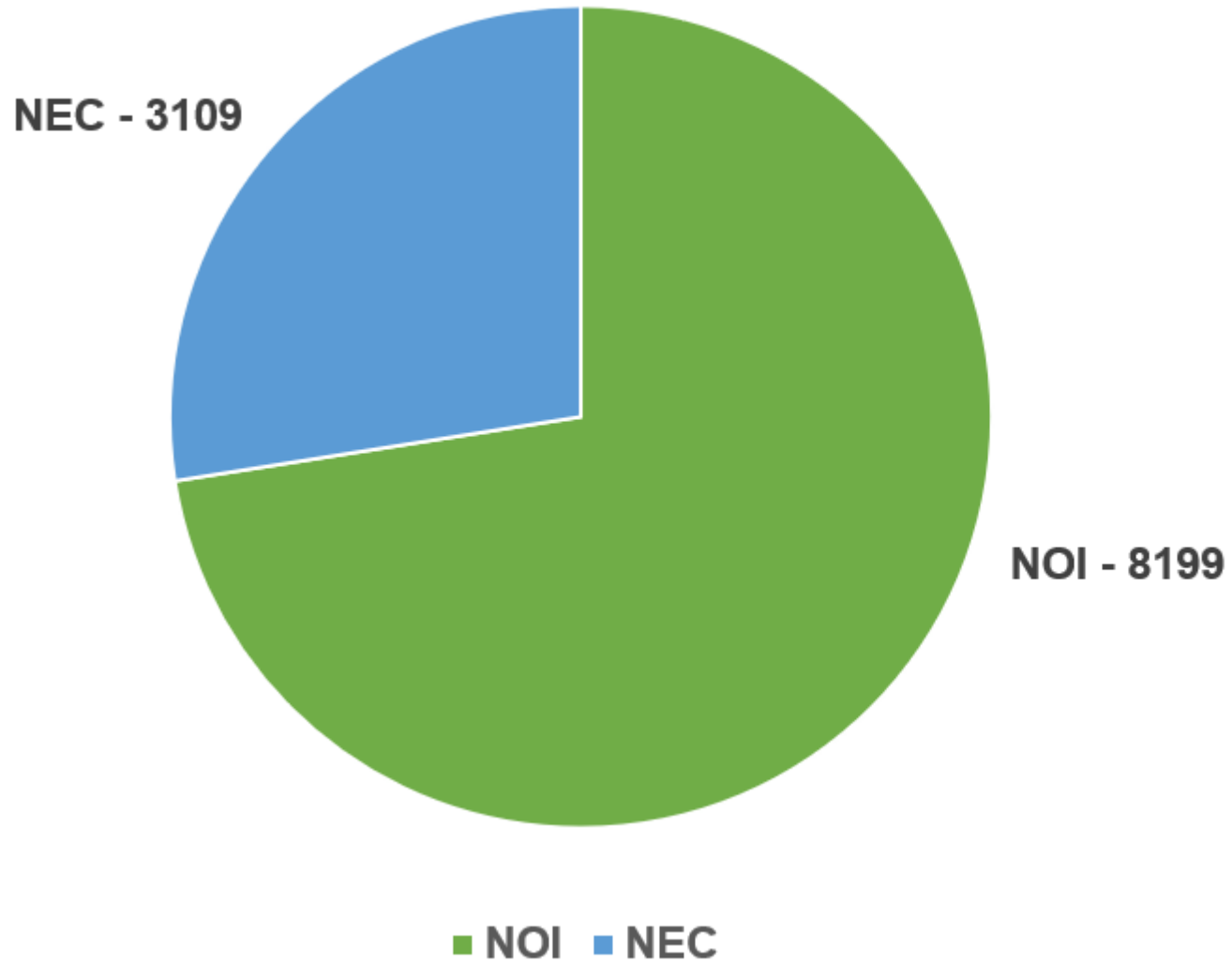
ISSUED DATE: July 16, 2021

 Digitally signed by Jon Niermann
Date: 2021.07.16 10:00:54 -0500

For the Commission

MSGP Universe

Number of Authorizations as of October 2023



What Discharges Require MSGP Authorization?

- Stormwater discharges associated with industrial activity as defined in 40 Code of Federal Regulations (CFR) §122.26(b)(14)(i) - (xi)
- Coverage is based upon:
 - Standard Industrial Classification Codes (SIC) and Activity Codes
 - Discharges subject to federal effluent guidelines under 40 CFR Parts 400 - 471
- Divided into 30 Sectors: A to AD



Regulated Industrial Activities

SIC Codes

- Four digits in length
- Based on revenue produced by the regulated activity
- Neither TCEQ nor EPA assign SIC codes
- NAICS codes included in both EPA and TCEQ MSGP

Activity Codes

Sector	Activity Code
K	HZ- Hazardous waste treatment, storage and disposal
L	LF- Landfill
O	SE- Steam electric power plants
T	TW- Treatment Works



SIC 2085 - Distilled & Blended Liquors



Activity Code TW – Wastewater Treatment Plant

North American Industry Classification System (NAICS) Codes

- NAICS codes can be used to determine the SIC code for a facility
 - Cross-walk table provided in the permit
 - Not one to one



SIC 2085 - Distilled & Blended Liquors

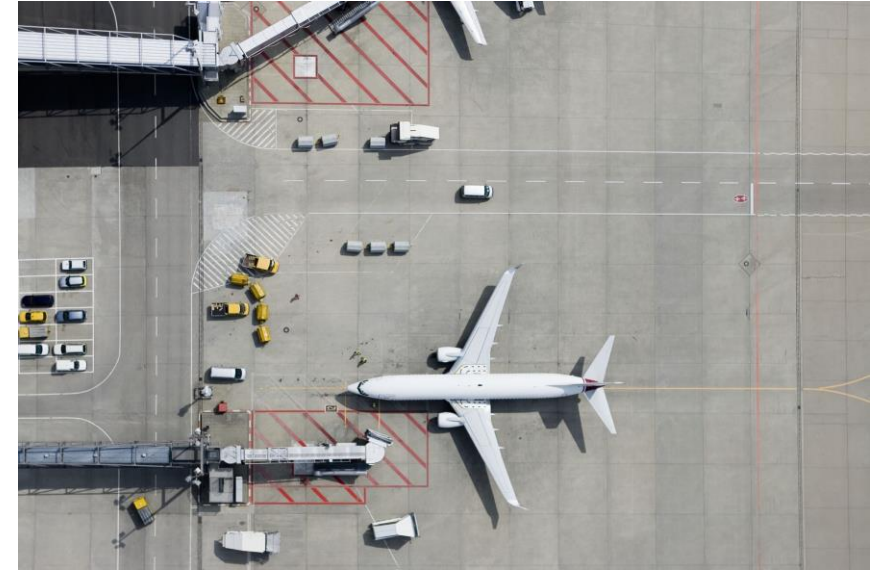
NAICS 312130 - Wineries

NAICS 312140 - Distilleries

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2085	Distilled and Blended Liquors	312130	Wineries
		312140	Distilleries

MSGP Applicability

- Co-located activities:
 - more than one SIC code
 - the operator must comply with all the sector specific requirements in the MSGP for all activities
- Co-located facilities:
 - each has a distinct authorization number
- Municipal-operated facilities
- Military bases and other federal facilities



Primary and Secondary SIC Codes

- Primary SIC Codes
 - An SIC code that describes the principal product or group of products produced or distributed at a facility, or that describes services rendered
 - The operation that generates the most revenue or employs the most personnel is the operation in which the facility is primarily engaged
- Secondary SIC Codes
 - An SIC code that describes an industrial activity that is performed at a regulated facility or site that is in addition to the primary SIC code
- Co-located activities: the operator must comply with all of the sector specific requirements in the MSGP for all activities

EXAMPLE

“Handy Metal Works LLC produces metal cans and pressure tanks. Their greatest revenue comes from metal cans.”

Primary: 3411 – Metal Can Manufacturing

Secondary: 3443 – Fabricated Plate Work (Boiler Shop)

MSGP Requirements

Develop and implement a Stormwater Pollution Prevention Plan (SWP3)

Develop and implement Best Management Practices (BMPs)

Submit a Notice of Intent (NOI)

Conduct quarterly visual monitoring and inspections of controls

MSGP Requirements Continued

Conduct hazardous metals sampling

Conduct sampling to comply with numeric effluent limits, if required

Conduct benchmark sampling, if required

Conduct sampling for discharges to impaired water bodies, if required

Prepare Annual Comprehensive Site Compliance Inspection Report

Obtaining Permit Coverage

MSGP Authorization Types

Notice of Intent (NOI)

- Each NOI authorization number is unique
- *Ex., TXR05N193*

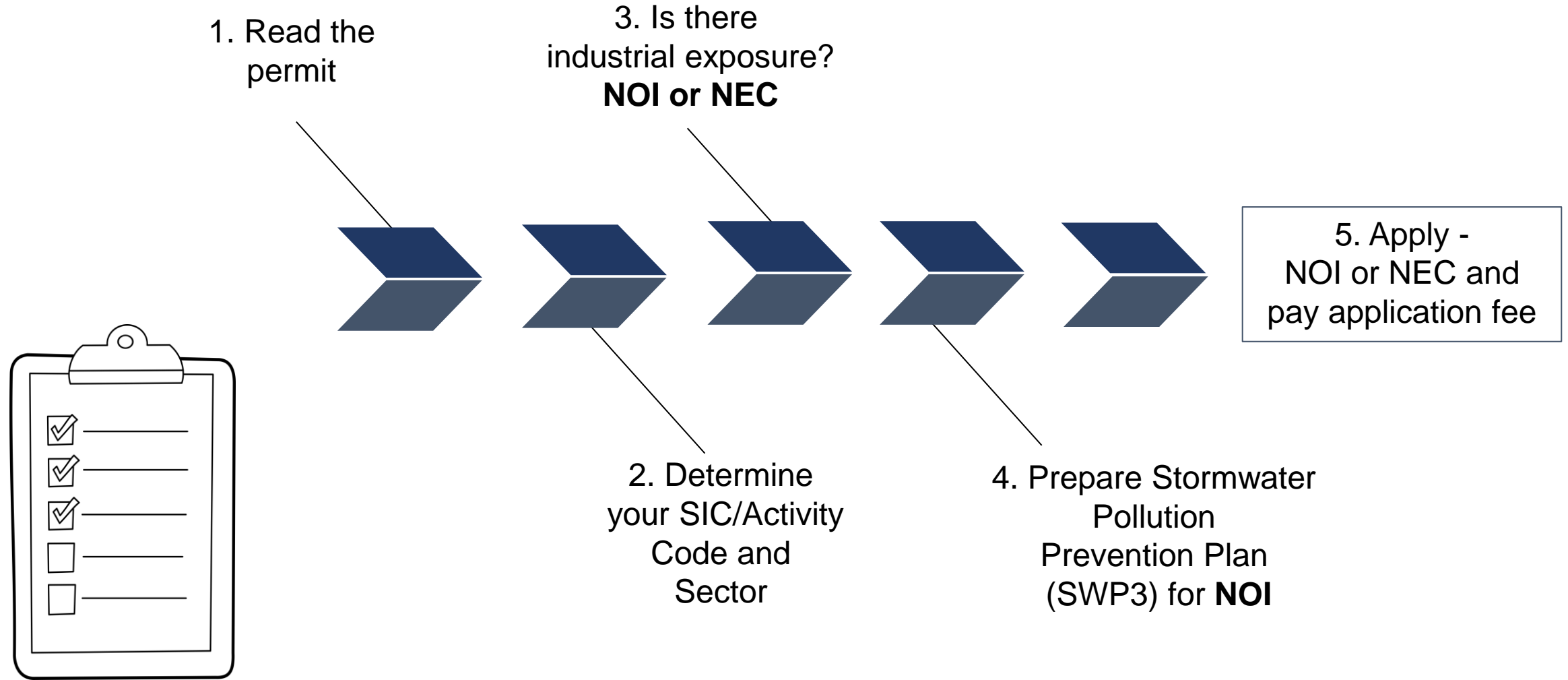
No Exposure Certification (NEC)

- Each NEC authorization number is unique
- *Ex., TXRNEV715*

Automatic Authorization

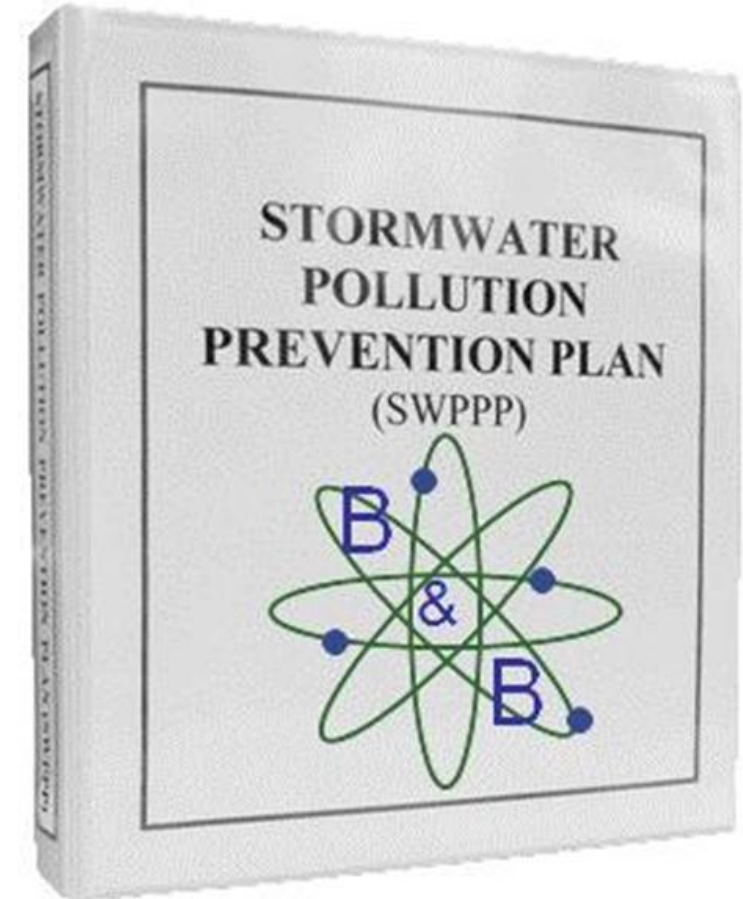
- No application required
- Numbers not assigned

MSGP Authorization Process



Stormwater Pollution Prevention Plan (SWP3)

- An applicant must develop and implement a SWP3 before submitting an NOI for coverage
- SWP3 requirements are in Part III, Section A of the MSGP:
 - Identify pollutants, both actual and potential
 - Include maps
 - Identify a Stormwater Pollution Prevention Team
 - Establish practices and controls appropriate for the facility
 - Document monitoring and inspections
- **TCEQ SWP3 template available to all permittees ([RG-556](#))**



MSGP Annual Water Quality Fee

- All active NOI authorizations, as of September 1 of each year, must pay an annual water quality fee of \$200. (*Texas Water Code, §26.0291*)



No Exposure Certification (NEC) Authorizations

- “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
- Operators certify that industrial activities and materials *are not exposed* to stormwater
- No SWP3, sampling, monitoring, inspections or annual water quality fee
- NECs are only available facility-wide
- TCEQ developed [RG-467](#) to assist operators determine if their facility is eligible.



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Automatic Authorization

- Operators of certain industrial activities are designated for coverage under this general permit
 - Not required to submit NOI or NEC application, prepare SWP3, or conduct analytical sampling
- The facility operator must comply with requirements
 - Standard Permit Conditions- Part III, Section E
 - Conditional No Exposure Exclusion from Permit Requirements- Part II Section C. 1
- See Part II, Section B. 13 for a list of industrial activities which qualify for automatic authorization



Delegation of Signatory Authority

- Certain individuals are authorized to sign TCEQ applications under Title 30, Texas Administrative Code (30 TAC), Section 305.44.
- If you are authorized by this rule, you do not need to apply for a delegation of signatories, however, you can choose a duly authorized representative to sign certain documents and reports.

Type of Entity	Acceptable Signatory Authority Official(s)
Corporation	Responsible corporate officer or person who makes similar policy or decision-making functions Manager of one or more manufacturing, production, or operating facilities
Partnership or sole proprietorship	General partner or the proprietor
Municipality, state, federal, or <u>other</u> public agency	Principal executive officer or a ranking elected official

Delegation of Signatory *Duly Authorized Representatives*

- A duly authorized representative **can sign** these documents:
 - Stormwater Pollution Prevention Plan (SWP3)
 - Annual Comprehensive Site Compliance Inspection Reports
 - Certifications
 - Other items requested by TCEQ or required by MSGP
- A duly authorized representative **cannot sign, or delegate authority for**, these applications:
 - Notices of Intent (NOI)
 - No Exposure Certifications (NEC)
 - Notices of Change (NOC)
 - Notices of Termination (NOT)



How do I apply for MSGP Authorization?

All applications must be submitted online using the ePermits system through the State of Texas Environmental Electronic Reporting System (STEERS), unless a permittee obtains an electronic reporting waiver:

1. Create an account
2. Fill out applicable Notice of Intent (NOI) or No Exposure Certification (NEC)
3. Sign form with STEERS Participation Agreement (SPA)
4. Pay \$100 Application Fee
5. Submit NOI or NEC
6. Print authorization certificate



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

Changes in Information or Cancelling Coverage

- Additional information submitted via STEERS
 - Notice of Change (NOC)
 - for changes to information submitted on NOI or NEC
 - Notice of Termination (NOT)
 - to cancel coverage
 - Delegation of Signatory Rights

I want to:	<input type="button" value="Fill Out"/>	a new, notice of change, renewal, delegation or termination application
	<input type="button" value="Access"/>	an application by password

Monitoring Requirements

Inspections

TYPE	FREQUENCY	RECORD KEEPING
Inspection/Certification of Non-stormwater Discharges	Within 180 days of filing an NOI	<ul style="list-style-type: none"> -Update SWP3 as Needed -Certification in SWP3
Routine Facility Inspection	1/quarter by qualified personnel & SWPP team member	<ul style="list-style-type: none"> -Signed documentation with checklist
Quarterly Visual Monitoring	Quarterly	<ul style="list-style-type: none"> -Reviewed by SWPP team -Records in SWP3 -Update SWP3 as needed
Annual Comprehensive Site Compliance Inspection	Annually	<ul style="list-style-type: none"> -Report that is signed/certified within 30 days -Update SWP3 as needed

MSGP Sampling Guide

- Quarterly Visual
- Benchmark*
- Hazardous Metals
- Sector Specific Numeric Effluent Limits*
- Sampling for discharges to impaired water bodies (*if discharging the pollutant of concern*)

* *Applicable to certain industrial sectors/subsectors*



Qualifying Storm Events

- Storm event that results in a discharge from the site
- Must be monitoring at least once per week
- Permittee must maintain one of the following:
 - On-site rain gauge
 - Representative weather station
 - Alternative means of compliance (subject to TCEQ's approval)



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Quarterly Visual Monitoring

- 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



Quarterly Visual Pollutant Indicators

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



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Benchmark Monitoring Requirements

- Applies to certain facilities in 21 Sectors
 - Based on SIC/Activity Code
 - See Part V of the MSGP for specific benchmark monitoring requirements in each Sector
- Two samples collected and analyzed semi-annually
 - January - June and July - December of each year
 - Report annual average by March 31 of each year
- Benchmarks are not effluent limits
 - In NetDMR they are “**Alerts**”
- Waiver option available during Year 3 and 4 of the MSGP cycle
 - Not required to report in NetDMR, but can report with a *No Data Indicator* (NODI) Code
- Sampling not required for Year 5 of the MSGP

Hazardous Metals Monitoring Requirements

- Required by ALL permittees regardless of Sector or SIC code
 - based on state rules in 30 TAC Chapter 319
- One sample collected and analyzed annually by December 31 of each year
 - Reported by March 31 of each year *only* if there is an exceedance
 - These will appear in NetDMR as **Unscheduled** limits
- Waiver option available
 - If you implement a waiver, this must be indicated on the NOI or NOC submitted to TCEQ
 - Not required to report in NetDMR, but can report with a NODI Code

Sector Specific Numeric Effluent Limits – Federal Effluent Guidelines

- Applies to certain facilities
 - Sectors A, C, D, E, J, O, and S
 - Must indicate on the NOI or NOC if you are subject to a relevant federal rule
 - 40 CFR Parts 400 - 471
 - May not be applicable to all SIC codes in each Sector
- One sample collected and analyzed annually by December 31 of each year
 - Reported by March 31 of each year
 - These will appear in NetDMR as **Scheduled** limits

Coal Pile Runoff



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Impaired Waters and Pollutants of Concern Monitoring

- Applies to certain facilities discharging directly to an impaired waterbody
 - Must indicate on NOI that the facility discharges a pollutant of concern (POC) at a level of concern
 - A POC is a parameter that the waterbody is impaired for
 - Sampling parameter is sometimes different than the POC
 - e.g., POC = Dissolved Oxygen, then sample parameters = BOD and COD
- One sample collected and analyzed annually by December 31 each year
 - Report by March 31 of each year
 - This will appear in NetDMR as an ***Unscheduled*** limit
- Report only – *no limits*

NetDMR Reporting

- Effective August 14, 2021
- Analytical results for determining compliance with the MSGP monitoring requirements must be submitted online using the NetDMR reporting system
- Unless the permittee requests and obtains an electronic reporting waiver
- Training resources available



NetDMR
Network Discharge
Monitoring Report

MSGP Monitoring in NetDMR

Monitoring Type	Limit Set Type	Season ID	Reporting Due Date
Hazardous Metals	Unscheduled	Season ID = 0	March 31, annually
Sector-Specific Numeric Effluent Limits – Federal Effluent Guidelines (ELGs)	Scheduled and Unscheduled*	Season ID = 0	March 31, annually
Benchmark Monitoring	Unscheduled	Season ID = 1	March 31, annually
Impaired Waterbody and Pollutant of Concern	Unscheduled	Season ID = 0	March 31, annually

*In most cases, ELGs are Scheduled. However, for some ELGs, the Daily Average limits are Unscheduled and only reported if multiple samples are taken in one month

Resources for NetDMR Reporting

- Create your account in EPA's Central Data Exchange (CDX)
- Request access to NetDMR
- Access to NetDMR

<https://www.tceq.texas.gov/permitting/netdmr>

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Home | Air | Land | Water | Licenses | Permits | Reporting | Search Site

NetDMR Home

- How to Access or Create a NetDMR Account
- Reports You Can Submit in NetDMR
- CDX User Types and NetDMR Roles
- How to Submit Data in NetDMR
- How to Access DMR Data and CORs
- NetDMR Training and Resources

How are we doing? Take our customer satisfaction survey

Home / Permits, Registrations, and Reporting / NetDMR: Discharge Monitoring Reports

NetDMR: Submit Your Discharge Monitoring Reports Online

NetDMR is a web-based tool that allows you, as a Texas Pollutant Discharge Elimination System permittee, to electronically sign and submit your water quality discharge-monitoring reports (DMRs) to the TCEQ.

NetDMR
Network Discharge Monitoring Report

Already use NetDMR?
[Login to NetDMR](#)

How to Access and Use NetDMR

How do I access NetDMR for the first time?	^
To begin using NetDMR, you need to create an account in EPA's Central Data Exchange (CDX). Once you have created a CDX account, you need to request access to NetDMR, based on your business need (view, edit, or submit data). See How to Access or Create a NetDMR Account .	
Am I required to submit my DMRs electronically?	v
What reports can I submit using NetDMR?	v
Who can submit reports in NetDMR?	v
How do I submit data in NetDMR?	v
What are the benefits of using NetDMR?	v
What resources are available to help me use NetDMR?	v

Questions or Comments:
NetDMR@tceq.texas.gov

NetDMR Support

NetDMR Support Portal

NetDMR Updates

Sludge DMRs are no longer available in NetDMR. All sludge reporting must be submitted electronically using the U.S. Environmental Protection Agency's (EPA) NPDES eReporting Tool for Biosolids ("NETBIO"). To learn more, visit the [Sewage Sludge Reporting: Net-Biosolids \(NETBIO\)](#) webpage. For questions, please complete the [NETBIO Customer Help Form](#).

Electronic Reporting

Multisector General Permit Reporting
Effective December 21, 2016, all analytical results for determining compliance with effluent limitations were required to be submitted online using the NetDMR reporting system. TCEQ issued two temporary waivers for electronic reporting of MSGP DMRs that will expire on April 1, 2022.

Electronic Reporting Rule
NPDES regulated entities that are required to submit discharge monitoring reports (DMRs) must do so electronically using NetDMR by December 21, 2016. Learn more about the EPA's NPDES Electronic Reporting Rule.

Electronic Reporting Waiver
If you are unable to report electronically, you can submit a [Request for Electronic Reporting Waiver](#) form (TCEQ-20754).

Useful Tools

- 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>

- Water Quality General Permit Search

https://www2.tceq.texas.gov/wq_dpa/index.cfm

- NetDMR Training

<https://www.tceq.texas.gov/permitting/netdmr>

Water Quality General Permits Search

https://www2.tceq.texas.gov/wq_dpa/index.cfm

Water Quality General Permits Search

This system will allow you to search for information related to a general permit authorization or application.

[Permit types you can find here](#)

Search by permit number.

Enter Permit Number:

Search by regulated entity number (RN). Don't know?

Enter RN:

Search by customer number (CN). Don't know?

Enter CN:

Search for authorizations or applications under a specific general permit type.

Authorization Types

Storm Water General Permits:

- TXR040000 - MS4 Phase II (NOI & Waiver)
- TXR050000 - Multi-Sector (NOI & NEC)
- TXR150000 - Construction (NOI & Waiver)

Wastewater General Permits:

- TXG110000 - Concrete Production Facilities
- TXG130000 - Aquaculture Production
- TXG310000 - TPDES Oil and Gas Extraction
- TXG340000 - Petroleum Bulk Stations and Terminals
- TXG500000 - Quarries in John Graves Scenic Riverway
- TXG640000 - Water Treatment Plant
- TXG670000 - Hydrostatic Test Water
- TXG830000 - Petroleum Fuel or Petroleum Substances
- TXG870000 - Pesticides
- TXG920000 - Concentrated Animal Feeding Operation
- WQG100000 - Wastewater Evaporation
- WQG200000 - Livestock Manure Compost Operations
- WQG280000 - Continental Shelf Oil And Gas Extraction

Water Quality General Permits Search - Advanced Search

Choose the Type of Authorization (required):

Choose the Status (required) of this Authorization: **OR Application:**

Enter any other relevant information (optional):

Authorization or Application Time Frame: (MM/DD/YYYY) to (MM/DD/YYYY)

Permittee Name: (All or part of permittee name)

Site Name on Authorization: (All or part of site name)

Street Name: (All or part of street name)

City: (All or part of city name)

County: **OR TCEQ Region:**


SIC Code:

(SIC code(s) must be valid 4-digit SIC code(s))

Segment Number:


Stormwater Permitting Contacts

Stormwater Team

 512-239-4671

 SWGPA@tceq.texas.gov

Stormwater Processing Center

 512-239-3700

 SWPermit@tceq.texas.gov

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- Carol Lee Trucksess, SWPC
- Mary Huseman, SWPC



Thank you!

Leland Moore & Monica Alba Garcia

TCEQ Water Quality Division

Stormwater Team