



Industrial Stormwater Multi-Sector General Permit (MSGP) TXR050000

Overview and Renewal Updates

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Presentation Outline

Part 1

Permit Overview

Part 2

Renewal Update

Part 3

Major Proposed Changes
and Future Amendment



Permit Overview



Current MSGP

- 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

- 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) and Activity Codes
 - Discharges subject to federal effluent guidelines under 40 CFR Parts 400-471
 - Divided into 30 Sectors - A to AD



SIC Codes and Activity Codes

- SIC Codes
 - Four digits in length
 - Based on revenue produced by the regulated activity
 - Neither TCEQ nor EPA assign SIC codes
- Activity Codes



SIC 2085 - Distilled & Blended Liquors



Activity Code TW – Wastewater Treatment Plant

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



Stormwater Discharges Subject to Federal Categorical Guidelines

- 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

Coal Pile Runoff



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MSGP Applicability

Other Considerations

- 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



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MSGP Requirements

Develop and implement a Stormwater Pollution Prevention Plan (SWP3)

Develop and Implement Best Management Practices (BMP)

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



No Exposure Authorizations



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



MSGP Authorization Applications

Types of Authorizations

Notice of Intent (NOI)

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

No Exposure Certification (NEC)

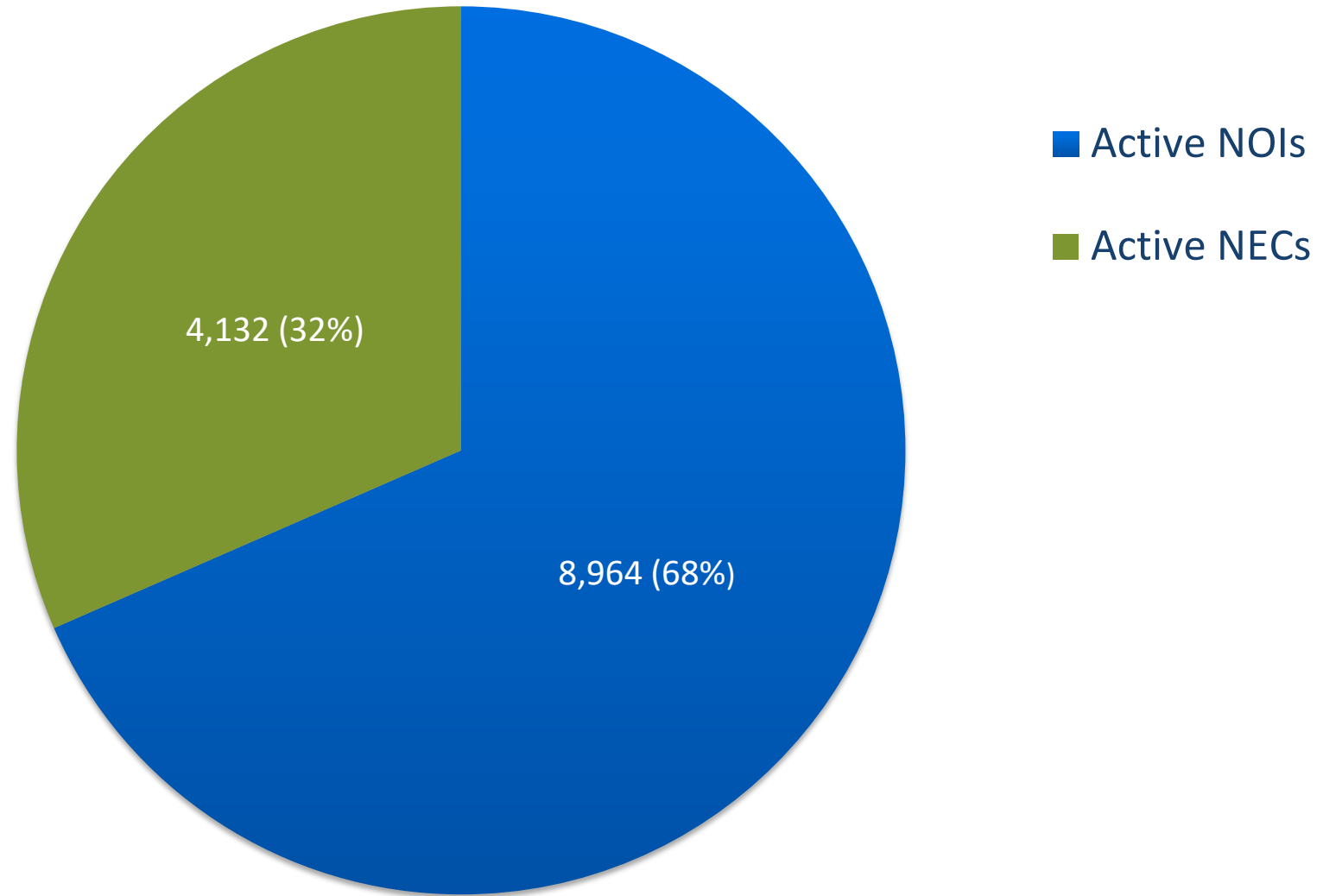
- Each NEC authorization number is unique
- *Ex., TXRNEV715*

Automatic Authorization

- No application required
- Numbers not assigned



Current MSGP Authorizations



MSGP Authorization Applications


How to Apply

- All applications must be submitted online to the ePermits system through State of Texas Environmental Electronic Reporting System (STEERS)
- Paper applications are only accepted from permittees with valid electronic waivers
- 99.9% of applications are submitted electronically



Water Quality General Permits Search

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

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Water Quality General Permits & Registration 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 or registration number.

Enter Permit or Registration Number:

Find this Authorization

Search by regulated entity number (RN).

Enter RN:

List All For This RN

Search by customer number (CN).

Enter CN:

List All For This CN

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

Advanced Search

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
- TXG340000 - Petroleum Bulk Stations and Terminals
- TXG500000 - Quarries in John Graves Scenic Riverway
- 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

Registrations:

- Aggregate Production Operations Registration

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Water Quality General Permits & Registration 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: to Permittee/Registrant Name: Site Name on Authorization: Street Name: City: County: OR TCEQ Region: SIC Code: Segment Number:

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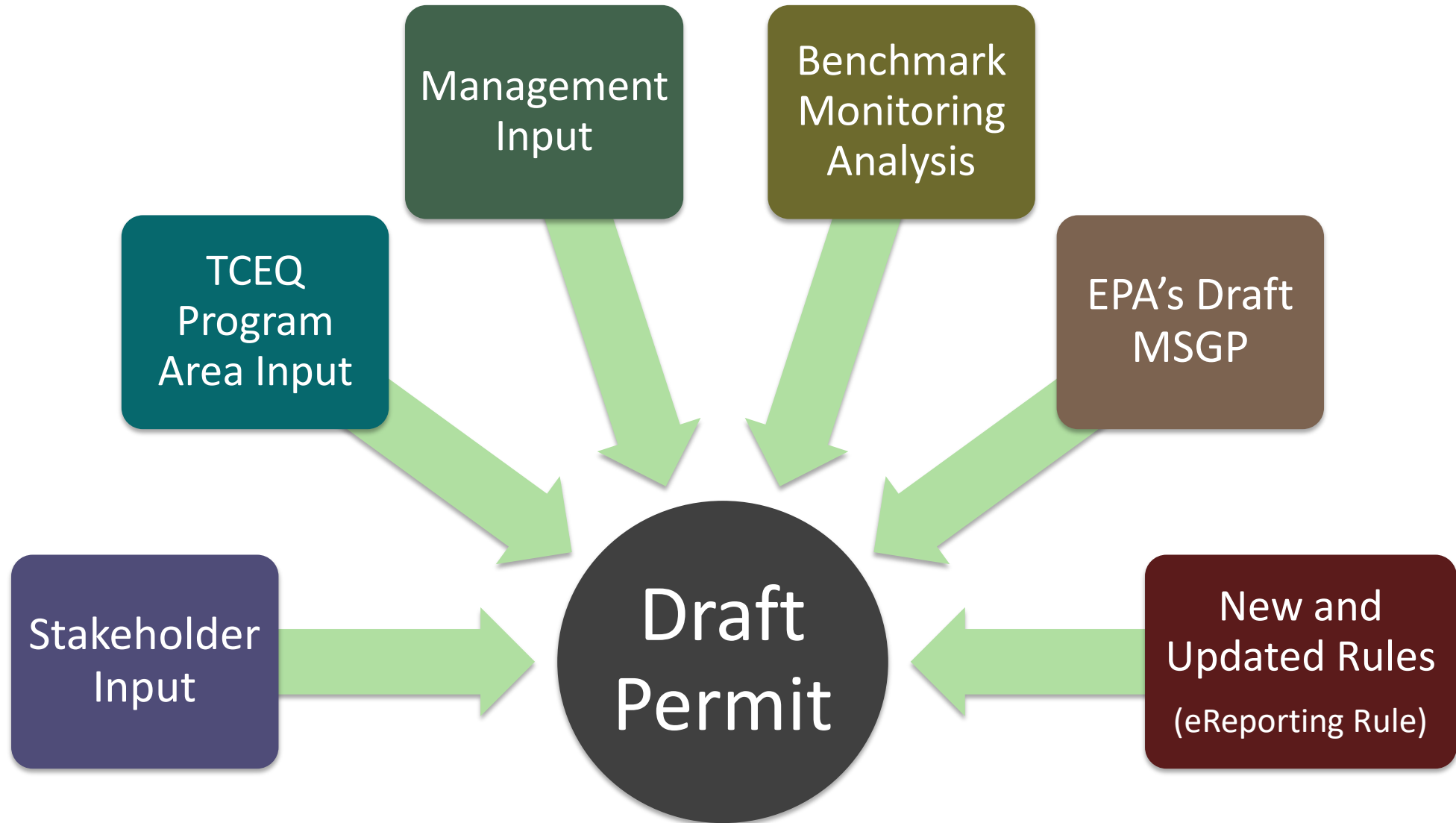
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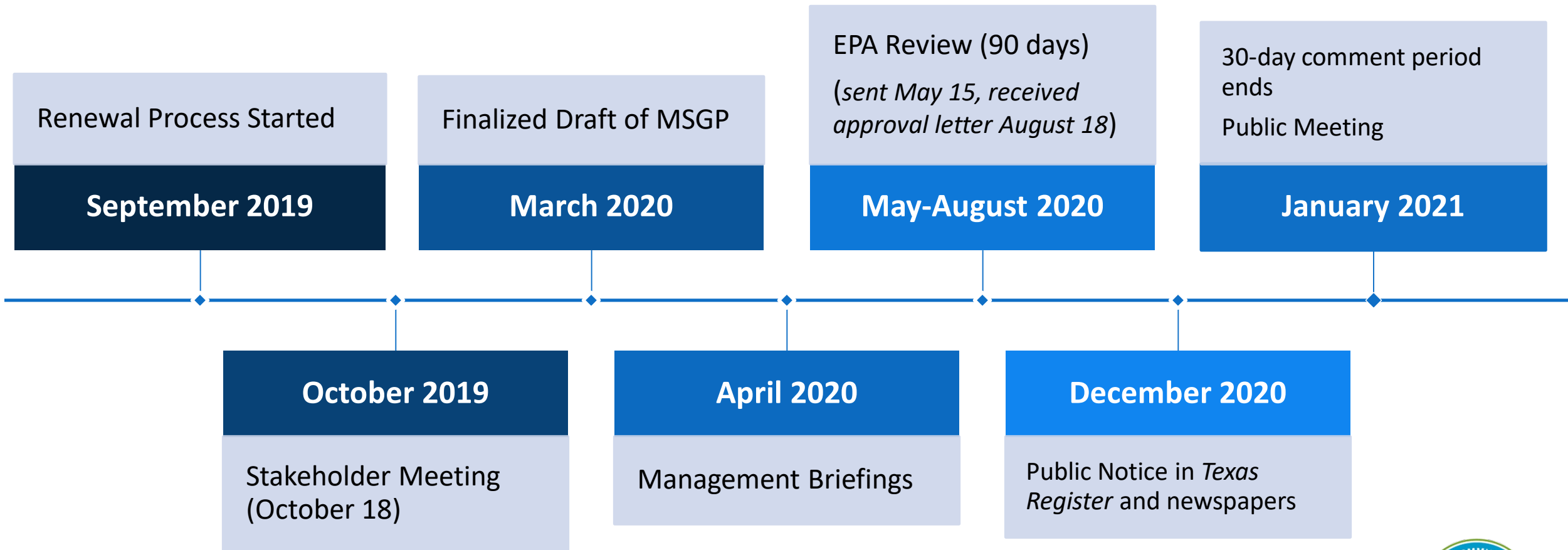
Renewal Update



How Permit Changes are Determined



2021 MSGP Renewal Timeline



2021 MSGP Renewal Timeline

Commissioners' Agenda for Adoption

July 14, 2021

Send out postcard renewal reminders to existing permittees

August 2021

August 14, 2021

Permit effective date

November 14, 2021

Renewal applications due (90-days from permit effective date)



Major Proposed Changes & Future Amendment



Part II.A: Added NAICS Codes to SIC Code Tables

2016 MSGP

SECTOR F: PRIMARY METALS

SIC Code	Description of the Industrial Activity
3312	Steel Works, Blast Furnaces (Including Coke Ovens), and Rolling Mills
3313	Electrometallurgical Products, Except Steel
3315	Steel Wiredrawing and Steel Nails and Spikes
3316	Cold-Rolled Steel Sheet, Strip, and Bars
3317	Steel Pipe and Tubes
3321	Gray and Ductile Iron Foundries

Proposed 2021 MSGP

SECTOR F: PRIMARY METALS

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3312	Steel Works, Blast Furnaces (including Coke Ovens), and Rolling Mills	324199	All Other Petroleum and Coal Products Manufacturing
		331110	Iron and Steel Mills and Ferroalloy Manufacturing
		331221	Rolled Steel Shape Manufacturing
3313	Electrometallurgical Products, Except Steel	331110	Iron and Steel Mills and Ferroalloy Manufacturing

Key Point

Added North American Industrial Classification System (NAICS) codes for consistency with EPA's MSGP and to assist the regulated community.



Part II.C.6: Changed Items Required on NOIs and NOCs

2016 MSGP

NOCs information changes include

- (1) Change to contact or billing,
- (2) Changes to the General Characteristics section,
- (3) Operator name change

Proposed 2021 MSGP

Added the following options:

- (4) Adding, removing, or changing the location of an outfall,
- (5) Request to stop submitting monitoring results of benchmarks, numeric effluent limitations (hazardous metals), and pollutants of concern,
- (6) Facility status from active to inactive and vice versa.

Key Point

Items, such as changing outfall location, if discharging a pollutant of concern, and the status (inactive or active) of the facility, are required to be submitted on the NOI and the NOC forms to comply with the electronic reporting requirements.



Part II.C.6: Updated Submission of Delegation of Signatory Authority Form

2016 MSGP

Delegation of Signatory Authority forms mailed to the Stormwater Team.

Proposed 2021 MSGP

Delegation of Signatory Authority forms submitted through STEERS.

Key Point

Delegation of Signatory forms must be submitted using STEERS



Part III.A.4: SWP3 Requirements

Added BMPs for Pre-Production Plastic

2016 MSGP

No equivalent requirements in the current MSGP but consistent with EPA's 2015 MSGP.

Proposed 2021 MSGP

Facilities that handle pre-production plastic must include BMPs in the SWP3 to eliminate discharges of plastic material in stormwater.

Key Point

Facilities that handle pre-production plastic must develop and include in the SWP3 activities that will be implemented to ensure that areas of the facility that can contribute plastic pollutants to stormwater discharges are maintained in a clean and orderly manner.



Part V.Y.2: Updated Sector Y: SWP3 Plastics Requirements

2016 MSGP

Sector Y operators shall minimize the possibility of discharging plastic resin pellets in stormwater discharges from the facility by implementing control measures (or their equivalents).

Proposed 2021 MSGP

Sector Y operators shall prevent the possibility of discharging plastic materials, including at a minimum virgin and recycled plastic resin pellets, powders, flakes, powdered additives, regrind, scrap, waste, and recycling material, in stormwater discharges from the facility by implementing control measures (or their equivalents).

Key Point

Sector Y: Rubber and Miscellaneous Plastic Products, and Miscellaneous Manufacturing Facilities: Rubber manufacturing and Plastics manufacturing facilities must implement BMPs which address plastic materials in stormwater discharges.



Part III.A.5: Added SWP3 Requirement for Hazardous Metals Monitoring Waiver Documentation

2016 MSGP

No equivalent requirement in the current MSGP.

Proposed 2021 MSGP

SWP3 must include documentation of the criteria used to claim a waiver from monitoring hazardous metals.

Key Point

When facilities waive hazardous metals monitoring, the criteria used for claiming a waiver from monitoring hazardous metals must be included in the SWP3.



Part V.J.9: Added BMP Requirements for Sector J

2016 MSGP

No equivalent in current MSGP but is consistent with TCEQ's CGP and EPA's MSGP.

Proposed 2021 MSGP

Sector J facilities must implement BMPs for off-site vehicle tracking of sediments, generation of dust, dewatering of trenches and excavations, and pumping or dewatering of standing water.

Key Point

Sector J: Mineral Mining and Processing facilities must implement BMPs consistent with the Construction General Permit



Part V.L.: Updates and Clarifications to Sector L

2016 MSGP

- No definitions for “Final Cover” and “Intermediate Cover”; refers to Landfill “trenches”
- Site map must depict active and closed landfill cells or trenches.

Proposed 2021 MSGP

- Defines “Final Cover” and “Intermediate Cover”; refers to Landfill “units”
- Site map must depict active, inactive, and closed solid waste landfill cells or units.

Key Point

Made clarifications to Sector L: Landfills and Land Application Sites to be consistent with regulations for solid waste. Added a definition for “Final” and “Intermediate” Cover; replaced “trenches” with “units”; and added that the site map also needs to depict inactive solid waste landfill cells or units.



Part V.T.5 and V.U.4: Adjusted Two Benchmark Values

2016 MSGP

- Sector T: The benchmark value for biochemical oxygen demand (BOD) is 20 milligrams per liter (mg/L).
- Sector U (SIC codes 2074-2079): The benchmark value for Total suspended solids (TSS) is 100 (mg/L).

Proposed 2021 MSGP

- Sector T: The benchmark value for BOD is 15 (mg/L).
- Sector U (SIC codes 2074-2079): The benchmark value for TSS is 50 (mg/L).

Key Point

Adjusted two benchmark values based on data collected during the current permit term for Sector T: Treatment Works and Sector U: Food and Kindred Products



Implementation Update: NETDMR

- Temporary NetDMR waivers were issued to all permittees, new and existing, for 2016 permit term
- All temporary NetDMR waivers expire August 14, 2021



2016 and Proposed 2021 MSGP

Required analytical data must be submitted electronically using the online NetDMR reporting system available through the TCEQ website, unless the permittee requests and obtains an electronic reporting waiver.



Future MSGP Amendment

Oil and Gas Field Services

- On January 15, 2021, TCEQ obtained authority for discharges of stormwater from select non-exempt oil and gas activities from Texas Railroad Commission (RRC) and EPA
- Updates to TCEQ MSGP following 2021 renewal
 - Part II, Obtaining Coverage
 - **Part V, Section I (Oil and Gas Extraction Facilities)**
 - Possibly Part V, Section P (Land Transportation and Warehousing)
- For more information about exempt stormwater discharges:
<https://www.epa.gov/npdes/oil-and-gas-stormwater-permitting>



Stormwater Permitting Contacts

Stormwater Team



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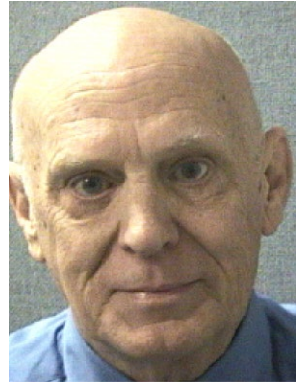


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Thank you!

Questions?