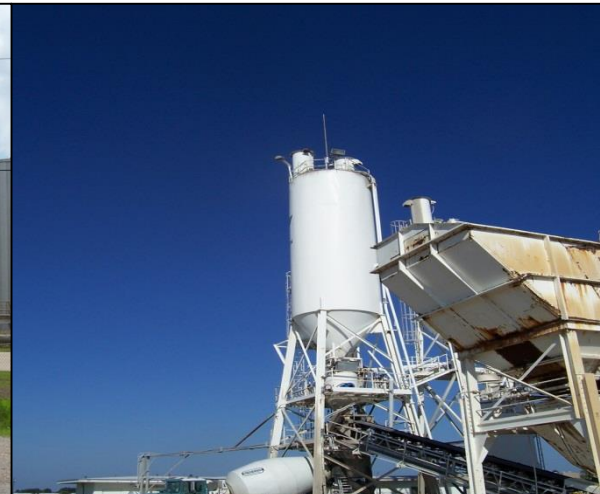


TPDES - Multi-Sector Industrial General Permit for Stormwater

Jonathan Diaz and Imelda Peña
Harlingen - Region 15
(956) 425-6010



SBLGA Programs

- Hotline **800-447-2827**
- Regional Staff
- Compliance Commitment (C2)
- EnviroMentor
- *The Advocate*
- TexasEnviroHelp.org



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What is stormwater? What is discharge?

- Stormwater is rainfall and snowmelt.
- Run-off carries potential pollutants as a discharge.



It's just dirt.



How can that hurt?



TPDES

- What is a Permit?
- Multi-Sector General Permit aka MSGP or Industrial
 - TXR050000 (expires 8/14/16)
- Construction General Permit aka CGP or Construction
 - TXR150000 (expires 3/5/18)
- Municipal Separate Storm Sewer Systems
 - Phase I- large and medium cities
 - Phase II- small cities
 - TXR040000 (expires 12/13/18)



Definitions

MSGP – multi-sector general permit – the general permit for industrial facilities subject to storm water permitting requirements

SIC Code – 4 digit code that describes your operation and/or activity

Primary SIC – the process or activity at the facility that generates the highest revenue

BMP – best management practice

Discharge – release of pollutants



Who Needs MSGP Coverage?

If a facility discharges storm water associated with an industrial activity...

And the facility is one of the regulated industrial sectors...

Then authorization is required.



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Primary SIC Code

- SIC and NAICS Codes
- Primary SIC Code Based on Activity:
 - Generating the most revenue
 - Receiving the most resources
- If SIC codes of primary activity and secondary activities are regulated, then the facility must comply with requirements for both sectors.



Regulated Sectors

- Regulated industrial activities are grouped into 30 sectors based on SIC Code.
- Regulated Sectors include but are not limited to:
 - Manufacturing - paper, electronics, chemical, food, textiles, rubber, machinery, metals, leather
 - Quarries - rock, gravel, sand

Multi Sector General Permit TPDES General Permit No.TXR050000 Part II, Section A

SECTOR K: HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

Activity Codes and Description of Industry Sub-sector

HZ Hazardous Waste Treatment, Storage, and Disposal Facilities

SECTOR L: LANDFILLS AND LAND APPLICATION SITES

Activity Codes and Description of Industry Sub-sector

LF -Landfills, Land Application Sites, and Open Dumps that Receive or Have Previously Received Industrial Waste, including sites subject to regulation under Subtitle D of the Resource Conservation and Recovery Act (RCRA).

SECTOR M: AUTOMOBILE SALVAGE YARDS

SIC Codes Description of Industry Sub-sector

5015 Automobile Salvage Yards

SECTOR N: SCRAP AND WASTE RECYCLING FACILITIES

SIC Codes Description of Industry Sub-sector

5093 Scrap and Waste Recycling Facilities (e.g., metals, paper, plastic, cardboard, glass, animal hides, used oil, antifreeze, mineral spirits, industrial solvents, computers, electronics, and other materials listed in the SIC Code Manual Under SIC 5093)



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Back to Applicability

If a facility discharges storm water associated with an industrial activity...

And the facility is one of the regulated industrial sectors...

Then authorization is required.



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Authorization Options

Every regulated facility that discharges must be authorized under:

- General Permit
- Conditional No Exposure Certification
- Individual Water Quality Permit



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No Discharge

Contain all storm water within property boundaries even during extreme rain events.

- Burden of proof on operator
- Potential fines if wrong

Not eligible for the permit.



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No Exposure

- Excluded from permit coverage if all activities and materials are indoors and/or always protected from precipitation and runoff.
- Must comply at all times – 24/7
- Must apply using No Exposure Certification (NEC) form (TCEQ Form 10383)
- Determine eligibility by reviewing RG 467



Requirements for MSGP Coverage

- Develop & implement Stormwater Pollution Prevention Plan prior to start of industrial activity
- Submit NOI form and pay fee
- Monitor Discharges- quarterly, semiannual and/or annual
- Inspect controls
- Pay annual water quality fee
- Terminate coverage when appropriate



Storm Water Pollution Prevention Plan (SWP3)



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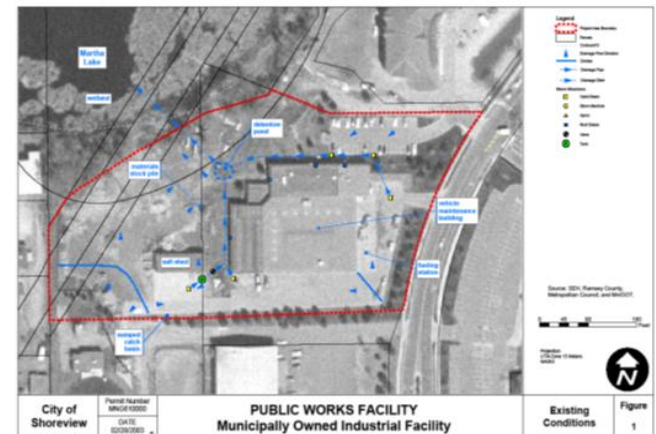
SWP3

- The SWP3 is the blueprint for how the operator will comply with the MSGP and limit offsite discharge of pollutants.
- The SWP3 is a living document and will evolve and changes as things change on-site



Components of the SWP3

- Pollution prevention team (qualified personnel)
- Physical features of site
- Process descriptions
- Potential pollutant sources
- Non-storm water discharges
- Exposed materials inventory
- BMPs to manage runoff
- Assessment of controls
- Emergency response and spill prevention



Monitoring Requirements

- Quarterly Visuals
 - every three months
- Benchmarks
 - semi-annually
- Numeric Effluent Limits (hazardous metals)
 - annually unless waived
- Sector Specific Numeric Effluent Limits
 - annually
- Impaired Waters and Pollutants of Concern
 - Annually (if applicable)



Inspection Requirements/SWP3

- Inspection time and date
- Name of inspector
- Weather information and description of any discharge at time of inspection
- Previously unidentified discharges of pollutants



Monitoring and Inspection Documentation

For each monitoring requirement, SWP3 includes:

- List all outfalls for sampling
- Parameters to be sampled and frequency of sampling
- Schedule to conduct monitoring activities
- Numeric control values applicable to discharges
- Procedure to gather storm data
- How inspection will be performed



Sampling

Qualifying storm event:

- Measureable rain event that causes a discharge
- At least 3 days since the storm event

Representative Sample:

- Collected within first 30 minutes of discharge using grab sample.



Exceptions to Monitoring Requirements

- Adverse Conditions
 - Conditions either dangerous to personnel or that prohibit access to a discharge i.e. high wind, lightning, flooding, etc.)
 - Result: Temporary suspension of monitoring requirements
 - Must be documented within SWP3
- Inactive Facilities



Terminating MSGP Coverage

Submit a Notice of Termination (NOT) when:

- NOI vs NEC (and vice versa)
- Relocation of facility
- Alternative authorization obtained
- Transfer of operational control



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MSGP Fees & Coverage

- Paper NOI
 - \$200 application fee
 - 7 days from the postmark
- Electronic NOI via STEERS
 - \$100 application fee
 - Immediate coverage after confirmation of receipt
- Annual water quality fees apply



How to be in Compliance...

- Know the applicable sections of the permit
- Implement and maintain appropriate controls
- Conduct routine monitoring
- Modify SWP3 when changes are needed
- Use available resources
- Contact the TCEQ for guidance



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Site Navigation

You are here: Home / Small Business and Local Government Assistance / Water / Assistance Tools for Industrial Stormwater General Permit

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

- Cleanups, Remediation
- Emergency Response
- Licensing
- Permits, Registration
- Preventing Pollution
- Recycling
- Reporting
- Rules

Assistance Tools for Industrial Stormwater General Permit

Resources for small businesses and local governments regarding industrial stormwater permits, especially the Multi-Sector General Permit, TXR050000, including sampling guides, publication on Conditional No-Exposure Exclusion for stormwater runoff, worksheets for Stormwater Pollution Prevention Plan (SWP3), forms, and other links to stormwater information. Industrial facilities, based on their **Standard Industrial Classification (SIC) code**, that discharge stormwater into a storm drain system or to surface waters in the state of Texas must comply with stormwater permitting requirements. The following tools were designed to assist the regulated community in meeting permit requirements.

[SIC Codes Subject to TPDES Multi-Sector General Permit](#)

For help determining the SIC code for your facility, please visit the U.S. Occupational Health and Safety Administration's [SIC Search](#) or [SIC Manual](#) Web page. [Exit](#)

Many documents on this page are in Adobe Acrobat Portable Document Format (PDF) or Microsoft Word. [Help with downloading files.](#)

Tools

- [Multi-Sector General Permit, TXR050000](#)
- [Multi-Sector General Permit Information](#) – Requirements and options for the treatment and discharge of stormwater from industrial facilities under General Permit TXR050000.
- [Basics of Industrial Stormwater Regulations](#)
- [Industrial Facilities](#) – This page contains steps for obtaining coverage under the Multi-Sector General Permit.
- [Delegation of Signatories to Reports](#)
- [Sampling Guide](#)
- [Industrial Stormwater: Frequently Asked Questions](#) (currently under revision).
- [Conditional No-Exposure Exclusion for Stormwater Runoff: A Guide for Industries Operating Under the TPDES Multi-Sector General Permit,](#)

- Data
- Forms
- Maps
- Public Notices



**Read
the
permit.**

TCEQ Investigations

Comprehensive Compliance Investigations (CCI)

Reconnaissance Investigation (Recon)

Compliance Record Reviews (CRR)

Complaints

- CCI
 - Comprehensive Investigation
 - SWP3
 - Site Walkthrough
 - Records
- CRR
 - Record Reviews for Submittal of Required Documents
- Recons
 - Abbreviated Check
 - SWP3 Developed
 - NOI Submitted on Time
 - NEC Compliance
- Complaints



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Entrance Interview

- Investigation objectives – CCI
- Applicable Rules – TPDES Multi-Sector General Permit No. TXR050000 under provisions of Section 402 of the Clean Water Act and Chapter 26 of the Texas Water Code
- Safety requirements required by Operator



Common Investigation Findings

- Obtain permit coverage or submit NEC
- Develop and/or implement SWP3
- Sign and certify the SWP3
- Provide copy of SWP3 to MS4
- Update SWP3
- Establish pollution prevention team
- Identify the direction of flow of pollutants
- Conduct periodic inspections
- Maintain BMPs
- Update spill and leaks list in SWP3



Common Investigation Findings con't

- Maintain Good Housekeeping Measures (e.g. maintain in clean & orderly manner)
- Develop and implement procedures for spills and spill response
- Provide adequate employee training
- Maintain: a copy of the NOI, acknowledgement letter from TCEQ, copy of permit, etc. with the SWP3
- Conduct Annual Compliance Evaluation, conducted prior to December 31st of each calendar year beginning with the calendar year that includes the first full quarter when NOI was submitted.



ACEITE PARA MOLINOS
GRADO ALIMENTICIO
SHELL FIRE HYDRAULIC
OIL 32

ACEITE PARA
FRANCCIONES
GRADO ALIMENTICIO
SHELL EM GEAR OIL
32

ACEITE PARA
NEUMATICOS GRADO
ALIMENTICIO CASSIDA
GL 220



08/09/2010

**STORM WATER
SAMPLE**

003

02/08/2011



08/09/2010







02/08/2011



07/14/2012

Lack of Containment & Controls



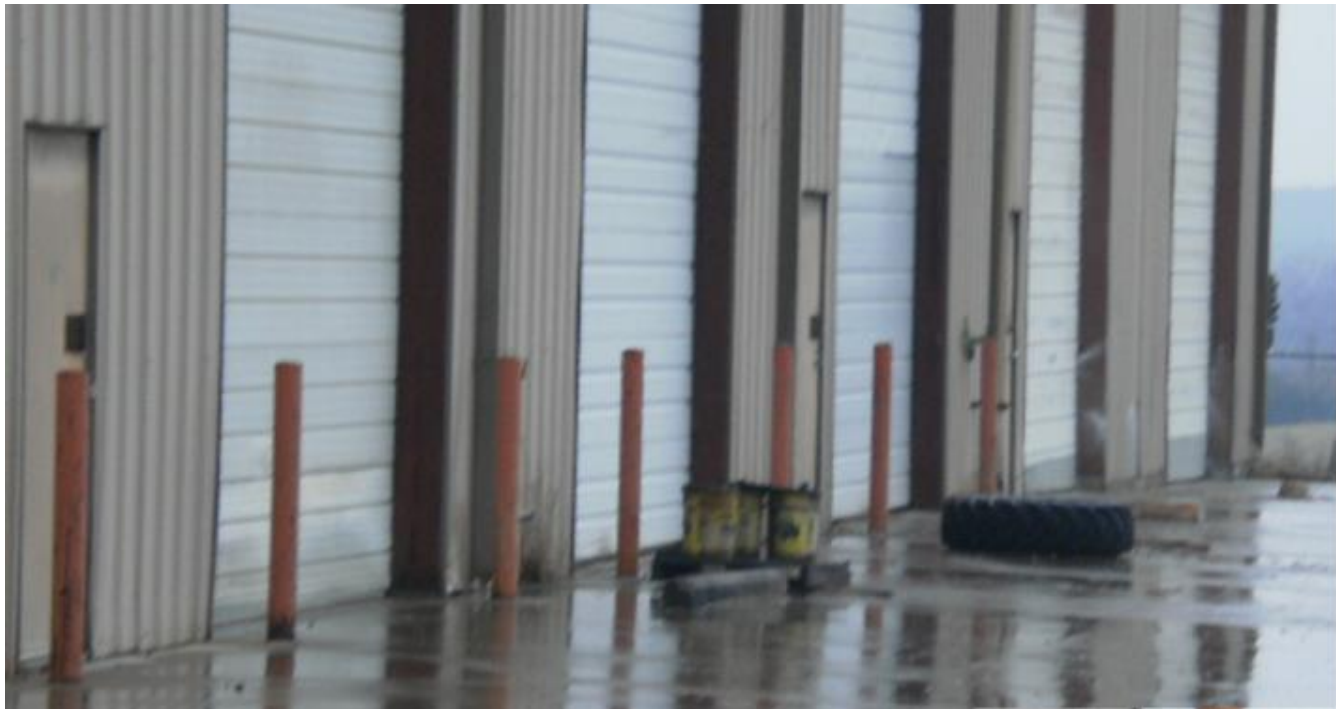
131301







01/22/2010





06/02/2010



+ EYE WASH
FOUNTAIN
DANGER
EYE PROTECTION
REQUIRED BEYOND
THIS POINT

08/09/2010

Poor Housekeeping



Ineffective BMPs



Inadequate BMPs



Unsuccessful BMPs



Exit Interview

- Investigator discusses findings with Operator at the close of the inspection
- Issues are identified on the Exit Interview Form
- Operator provided with a Customer Satisfaction Survey
- Regulated Entity will receive a letter



Permits are necessary





Stormwater Program Contacts

- **SW Permitting Program** (technical)
 - PH: 512-239-4671
 - wqap@tceq.texas.gov
- **SW Processing Center** (admin forms)
 - PH: 512-239-3700
 - swpermit@tceq.texas.gov



Questions?



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