**FACT SHEET AND EXECUTIVE DIRECTOR'S PRELIMINARY DECISION**
**TPDES General Permit TXR050000 - Multi Sector General Permit**

For proposed Texas Pollutant Discharge Elimination System (TPDES) Multi-Sector General Permit (MSGP) Number TXR050000 to discharge to surface water in the state.

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| Issuing Office: | Texas Commission on Environmental Quality (TCEQ)<br>P.O. Box 13087<br>Austin, Texas 78711-3087 |
| Prepared by: | Stormwater Permits Team (MC-148)<br>Industrial Wastewater Section<br>Water Quality Division, Office of Water<br>(512) 239-4671 |
| Date: | July 10, 2026 |
| Permit Action: | Renewal with amendment of the Stormwater General Permit for Industrial Activities |

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## I. Summary

The Texas Commission on Environmental Quality (TCEQ) is proposing a renewal with amendments of TPDES Multi Sector General Permit (MSGP) TXR050000, issued July 16, 2021, effective August 14, 2021, and amended May 7, 2025**,** which authorizes the discharge of stormwater associated with industrial activity. The draft MSGP specifies which facilities must obtain permit coverage, which are eligible for exclusion from permit requirements, which may be automatically authorized, and which may be required to obtain individual permit coverage.

## II. Executive Director's Recommendation

The Executive Director has made a preliminary decision that this general permit, if issued, meets all statutory and regulatory requirements. It is proposed that the amended general permit will expire on August 14, 2031, retaining the current expiration date.

## III. Permit Applicability and Coverage

A. Need for a Permit:

The general permit authorizes the discharge of stormwater and certain non-stormwater associated with industrial activities into surface water in the state. "Stormwater associated with industrial activity" is defined in federal rules at Title 40 Code of Federal Regulations (CFR) §122.26(b)(14), which TCEQ adopted in state rules at 30 TAC §281.25(a). The general permit specifies which facilities may be authorized under the general permit and which must be authorized by an individual permit or alternative general permit.

A facility must have authorization for stormwater discharges if it is defined as an industrial activity by 40 CFR §122.26(b)(14) or designated by the Executive Director. A regulated facility may obtain authorization under the MSGP if any of the following criteria are met, if coverage is not otherwise prohibited:

1. The Standard Industrial Classification (SIC) code that describes the facility (i.e., the primary SIC code) is specifically listed in Appendix A of the general permit (see Appendix A of the draft permit);
2. The facility conducts an activity described by one or more Industrial Activity Codes that are described in Sectors K, L, O, and T in the general permit (see Sectors K, L, O, and T in Part II, Section A., and Part V, Sections K, L, O, and T of the general permit);
3. Stormwater discharges from the facility are subject to federal categorical effluent limitations for stormwater at 40 CFR Subchapter N, Parts 400-471 (applicable to certain discharges within Sectors A, C, D, E, I, J, O, and S in Part V of the general permit); or
4. The facility has been designated by the Executive Director as requiring coverage under Sector AD.

Regulated industrial activities are grouped into 30 sectors, A through AD, and each sector consists of a group of similar industrial activities. For this reason, the permit

is referred to as the "Multi-Sector General Permit," or MSGP. Most sectors of activity are further divided into more specific subsectors through the use of SIC codes; although some sectors include only one SIC code, and four sectors (K, L, O, and T) are defined only by an Industrial Activity Code (HZ, LF, SE, and TW, respectively). In addition, Sector AD is reserved and will be used to provide permit coverage for facilities that are designated in writing by the Executive Director as needing a permit to control pollution related to stormwater discharges, but that are not described by Sectors A-AC.

Military installations and other federal facilities are also regulated under the MSGP if they have the potential to discharge stormwater that is regulated under the MSGP, even though the facility SIC code may not be listed. For example, the SIC code for a military base is 9711; however, permit coverage is required for any military base that conducts a regulated activity. Other public facilities are regulated under the MSGP if the facility is described in the general permit. For example, if a city operates a general warehousing operation, the city would need to determine the SIC code that best describes the actual facility rather than using the SIC code that describes the entire city.

## B. No Exposure:

Facilities regulated under the general permit may be excluded from permit requirements if there is no exposure of industrial materials or activities to precipitation or runoff. To qualify for this conditional exclusion from permit requirements, the operator of the facility must certify that industrial activities and materials are isolated from precipitation and runoff by storm resistant shelter. The certification must be submitted to the TCEQ on a No Exposure Certification (NEC) application.

Storm-resistant shelters include buildings or structures that have complete roofs and walls, as well as structures with only a top cover but no side coverings, as long as the materials or activities under the structure are not otherwise subject to any run-on and subsequent runoff of stormwater, or mobilization by wind.

Facilities operating under a conditional no-exposure exclusion are subject to inspection by authorized TCEQ personnel to determine compliance with the exclusion. In addition, operators of facilities that qualify for this exclusion and that discharge stormwater to a municipal separate storm sewer system (MS4) must provide a copy of their NEC application to the MS4 operator, even if not required by the MS4.

Exceptions to Storm Resistant Shelters:

1. A facility may be able to obtain a no-exposure exclusion even if the following materials and activities are not completely isolated from precipitation and runoff by a storm-resistant shelter:
    a. drums, barrels, tanks, and similar containers that are tightly sealed, provided those containers are not deteriorated and do not leak ("Sealed" means banded or otherwise secured and without operational taps or valves); and
    b. final products that are produced by the facility operator and that are designed for outdoor use (e.g., new cars, outdoor play-sets, lawn equipment),

provided the final products have not deteriorated and are not otherwise a potential source of contaminants.

However, the following types of final products would be considered exposed, and not eligible for the exclusion, even if they are designed for outdoor use:

(1) Final products that could be mobilized by wind or rain into stormwater discharges (e.g., rock salt, wood chips or shavings, compost, plastic pellets, or bricks). Final products that are sheltered from direct precipitation may still be considered exposed if the materials could be carried by wind;

(2) final products that may, when exposed, oxidize, deteriorate, leak or otherwise be a potential source of contaminants (e.g., scrap cars, scrap metal); and

(3) final products that are actually intermediate products, i.e., that are used in the composition of yet another product (e.g., sheet metal, tubing and paint used in making tractors; plastic pellets; freshly chromed bumpers, creosoted railroad ties, galvanized building panels, galvanized fencing; and unfinished portions of a final product). Even if the intermediate product is "final" for a manufacturer and is intended to be included in a "final product intended for use outdoors," these products are still considered intermediate products for the purpose of the MSGP, and are considered exposed if they are not located in a storm resistant shelter;

c. pallets used to store, or transport final products intended for outdoor use, if the pallets are new or if they are used and do not contain pollutants;

d. vehicles used in material handling that are adequately maintained to prevent leaking fluids;

e. lidded dumpsters containing waste materials associated with the regulated activity, provided that the containers are completely covered, no pollutants can drain out, and no material can be lost while loading the contents into a refuse / trash vehicle (excludes trash compactors that handle waste materials associated with the regulated activity, unless the compactor is located indoors or protected by a storm-resistant shelter);

f. industrial refuse or trash that is stored in large roll-off containers located under a constructed cover or covered with securely fastened heavy-duty tarps, provided that the tarps are properly maintained and in good condition. If tarps show any signs of beginning to deteriorate, they need to be replaced before they deteriorate. Tarps must be fastened to the waste containers in such a way that they would need to be unfastened and refastened each time waste materials are added;

g. particulate emissions from roof stacks or vents, provided that they are in compliance with other applicable TCEQ rules and do not contaminate stormwater; and

h. above-ground storage tanks (ASTs) that are equipped with valves for dispensing materials that support facility operations (e.g., heating oil, propane, butane, chemical feedstocks for facility equipment) or that

dispense fuel (e.g., gasoline, diesel, compressed natural gas) for delivery vehicles provided that:

(1) the ASTs are located away from vehicle maintenance areas;

(2) there are no leaks from pipes, pumps, or other equipment that could come into contact with stormwater; and

(3) the ASTs are surrounded by secondary containment (e.g., impervious berm, dike, or concrete retaining structure) to prevent exposure to stormwater runoff in the event of structural failure or leaks.

ASTs that are used to directly fuel vehicles other than delivery vehicles (e.g., ASTs at airports that are used to dispense fuel to airplanes) are considered exposed.

**2.** Limitations on eligibility for the no-exposure exclusion:

a. The exclusion from permit requirements is only available facility-wide, and is not available for individual buildings, or individual outfalls. Generally, if any exposed industrial materials or activities exist on any portion of a regulated facility, the facility is not eligible for the no-exposure exclusion.

b. If a facility with a no-exposure exclusion undergoes any change that results in industrial activities or materials becoming exposed, then the exclusion ceases to apply. In such a case, the operator must obtain coverage under the MSGP or other applicable water quality permit for stormwater discharges before making any changes that will expose industrial activities or materials.

c. If the TCEQ or U.S. Environmental Protection Agency (EPA) determines that a facility's stormwater discharges have a reasonable potential to cause or contribute to a violation of applicable water quality standards, then TCEQ or EPA may deny the no exposure exclusion.

The TCEQ's Small Business and Local Government Assistance (SBLGA) Division developed a guidance document, entitled "Conditional No-Exposure Exclusion for Stormwater Runoff (RG-467)," for determining if a facility may claim a conditional no-exposure exclusion from permit requirements when material and activities are not located under storm resistant shelter. The guidance document provides additional information on the no-exposure conditional exclusion.

A facility that is able to meet the condition of no exposure is not prohibited from obtaining permit coverage.

B. Automatic Authorization:

The existing MSGP designates certain general warehousing facilities in Sector P, related to Land Transportation and Warehousing, that do not have any vehicle or equipment maintenance, fueling, or rehabilitation activities for automatic coverage. The general permit designates certain facilities in Sector X, related to Printing and Publishing Facilities for coverage, as well as small facilities in other sectors that are located completely inside of a private residence, a shopping mall, or office building that is not exposed to stormwater.

Operators of the following industrial facilities are designated for coverage under the general permit, and are not required to: prepare a stormwater pollution prevention plan (SWP3), submit a Notice of Intent (NOI) for coverage nor an NEC application for a conditional no exposure exclusion, perform any inspections, monitoring, or representative sampling, maintain any discharge-related records, or perform any self-reporting:

1. Facilities described in Part V, Section P, related to General Warehousing and Storage (SIC 4225), that do not have areas for vehicle maintenance (including vehicle rehabilitation, mechanical repairs, painting, fueling, and lubrication) or equipment cleaning activities.
2. Facilities described under Part V, Section X, that conduct publishing or design without printing.
3. Regulated facilities described in Part II, Section A, where the entire industrial activity is performed completely inside of a residential home, a shopping mall, or an office building.

Operators of the above facilities must meet all of the following requirements in order to retain the automatic authorization option and exception from permitting requirements, and must apply for coverage if any of the requirements are not met:

1. The industrial activity must not include a regulated Industrial Activity Code (HZ, LF, SE, or TW);
2. The industrial activity must be conducted completely within fully enclosed building, such as a garage, an office building, or a retail shopping mall;
3. The regulated industrial activity must not be exposed to stormwater; and
4. The facility operator must comply with the general permit's Standard Permit Conditions, except that references to submittal of an NOI or an NEC application are not applicable.

If the Executive Director determines that additional controls are required other than those listed above, or if there is a concern regarding the discharge of elevated levels of pollutants, then TCEQ may require a facility otherwise eligible for automatic authorization to obtain coverage and meet all permit conditions through submittal of an NOI or an individual permit application.

This provision is appropriate for these types of facilities, because they typically operate in such a way that industrial materials are not exposed to stormwater, and stormwater discharges are not expected to contain pollutants of concern. Facilities included under this provision of the permit are expected to contribute less pollutant loading than other facilities and it is appropriate for the TCEQ to automatically authorize these facilities. These facilities are hereby notified that they are regulated by the general permit even though they have not filed an NOI, in accordance with federal rules at 40 CFR §122.28(b)(2)(vi), and as adopted by TCEQ at 30 TAC §205.7. However, the TCEQ also recognizes that activities may occur at the site that do cause a water quality concern, in which case the TCEQ may require a facility otherwise eligible for automatic authorization to obtain coverage and meet all permit conditions through submittal of an NOI or an individual permit application.

A facility that is able to meet the requirements for automatic authorization would not be prohibited from obtaining permit coverage or a conditional no exposure exclusion by completing the NEC (based on having no exposure) or NOI application process for coverage.

C. Industrial facilities that qualify for coverage under the general permit may discharge the following non-stormwater discharges through outfalls identified in the SWP3.

1. discharges from emergency fire-fighting activities (fire-fighting activities do not include washing of trucks, run-off water from training activities, test water from fire suppression systems, or similar activities);
2. uncontaminated fire hydrant flushings (excluding discharges of hyperchlorinated water, unless the water is first dechlorinated, and discharges are not expected to adversely affect aquatic life);
3. potable water sources (excluding discharges of hyperchlorinated water, unless the water is first dechlorinated, and discharges are not expected to adversely affect aquatic life);
4. lawn watering and similar irrigation drainage, provided that all pesticides, herbicides, and fertilizer have been applied in accordance with the approved labeling;
5. water from the routine external washing of buildings, conducted without the use of detergents or other chemicals;
6. water from the routine washing of pavement conducted without the use of detergents or other chemicals and where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed);
7. uncontaminated air conditioner condensate, compressor condensate, and steam condensate, and condensate from the outside storage of refrigerated gases or liquids;
8. water from foundation or footing drains where flows are not contaminated with pollutants, such as process materials, solvents, and other pollutants;
9. uncontaminated water used for dust suppression (excludes reclaimed or reuse water used for dust suppression);
10. springs and other uncontaminated ground water;
11. incidental windblown mist from cooling towers that collects on rooftops or adjacent portions of the facility, excluding intentional discharges of utility wastewater from the cooling tower (e.g., cooling tower blowdown); and
12. other allowable non-stormwater discharges specifically listed in individual sections of Part V of the MSGP that are subject to effluent guidelines and effluent limitations.

The purpose of providing the list of approved non-stormwater discharges is to clarify that certain discharges that may occur during normal operations of an industrial facility or a commercial facility, and these discharges do not require additional permit coverage. Inclusion of this list in the general permit is not meant

to prohibit the above discharges that would otherwise be allowed without a TPDES permit. In addition, a facility that has obtained a conditional exclusion from permit requirements based on no exposure may discharge the above non-stormwater flows provided they are not causing or contributing to contamination of water quality or violation of the Texas Surface Water Quality Standards.

D. The following stormwater discharges are not eligible for coverage under the general permit:

1. Discharges prohibited by 30 TAC Chapter 311 (relating to Watershed Protection).
2. Discharges prohibited by 30 TAC Chapter 213 (relating to the Edwards Aquifer).
3. Discharges of the constituent(s) of concern to an impaired water body for which there is a TMDL implementation plan; however, the discharge may be eligible if it is consistent with the approved TMDL and the implementation plan. The TCEQ may amend the general permit or develop a separate general permit for discharges to these water bodies. For discharges not eligible for coverage under this permit, the discharger must apply for and receive an individual or other applicable general permit prior to discharging.
4. Discharges that the TCEQ determines are causing or contributing to a receiving water not maintaining its existing designated uses.
5. Discharges that the TCEQ determines would adversely affect a listed endangered or threatened species or its critical habitat. Federal requirements related to endangered species apply to all TPDES permitted activities, and site-specific controls may be required via an individual stormwater permit to ensure that protection of endangered species is achieved.
6. Contact stormwater from certain facilities, as specifically described in the relevant sections of Part V of the MSGP, related to sector-specific requirements.

E. Facilities that dispose of stormwater by any of the following practices would not be required to obtain coverage under this general permit nor under an individual permit:

1. Recycling of the stormwater with no resulting discharge into surface water in the state;
2. Pumping and hauling of the stormwater to an authorized disposal facility;
3. Discharge of the stormwater to a publicly owned treatment works (POTW);
4. Underground injection of the stormwater in accordance with 30 TAC Chapter 331 (relating to Underground Injection Control);
5. Discharge to above-ground storage tanks (ASTs) with no resulting discharge into surface water in the state; or
6. Containment of all stormwater within property boundaries, with no potential to discharge into surface water in the state, either during or as the result of any storm event.

The operator of the industrial activity may be required to demonstrate, using engineering calculations or other appropriate methods, that no discharge would occur from the site as a result of any storm event(s).

## IV. Permit Conditions and Effluent Limitations

A. Numeric Effluent Limitations (Industry–Specific):

1. Federal Effluent Guidelines and Standards: The general permit includes numeric effluent limits for stormwater discharges from industrial facilities as described in EPA's effluent guidelines and standards, or effluent limitations guidelines (ELGs), in 40 CFR, Subchapter N, Chapters 400-471. These discharges are also required to submit discharge monitoring reports (DMRs) on an annual basis, consistent with federal rules at 40 CFR §122.44(i)(3), as adopted by reference in 30 TAC §281.25.

   The following industrial sectors include numeric limits based on these ELGs, and include a sampling frequency of once per year (unless otherwise described below). For pollutants with a daily average or monthly average limit, the "average" limit only applies when more than one sample is collected and analyzed in a calendar month.

   a. Sector A, Timber Products Facilities: 40 CFR Part 429, Subpart I (40 CFR §429.103), *Timber Products Processing Point Source Category, Wet Storage Subcategory:*

**Table 1. Effluent Limitations for Discharges of Wet Decking Water**

| Pollutant | Limitations (mg/L) |
|---|---|
| Debris | No Discharge* |
| pH | 6 – 9 standard units (S.U.) |

**Debris includes woody material that will not pass through a one-inch diameter round opening.*

   b. Sector C, Chemical and Allied Products Manufacturing Facilities: 40 CFR Part 418, Subpart A (40 CFR §418.13), *Fertilizer Manufacturing Point Source Category, Phosphate Subcategory*

**Table 2. Effluent Limitations for Discharges of Contact Stormwater from Facilities that Manufacture Phosphatic Fertilizers**

| Pollutant | Daily Average Limitations (mg/L) | Daily Maximum Limitations (mg/L) |
|---|---|---|
| Total Phosphorus (as P) | 35 | 105 |
| Fluoride | 25 | 75 |

   c. Sector D, Asphalt Paving and Roofing Materials and Lubricant Manufacturing Facilities: 40 CFR Part 443, Subpart A (40 CFR §443.13), *Paving and Roofing Materials (Tars and Asphalt) Point Source Category, Asphalt Emulsion Subcategory*

**Table 3. Effluent Limitations for Discharges of Stormwater Runoff from Facilities that Produce Asphalt Paving and Roofing Emulsions**

| Pollutant | Daily Average Limitations (mg/L) | Daily Maximum Limitations (mg/L) |
|---|---|---|
| Total Suspended Solids (TSS) | 15 | 23 |
| Oil and Grease | 10 | 15 |
| pH | 6 – 9 S.U. | 6 – 9 S.U. |

d. Sector E, Glass, Clay, Cement Concrete, and Gypsum Product Manufacturing Facilities: 40 CFR Part 411, Subpart C (40 CFR §411.32), *Cement Manufacturing Point Source Category, Materials Storage Piles Runoff Subcategory*

**Table 4. Effluent Limitations for Discharges of Stormwater Runoff from Material Storage Piles from Facilities that Manufacture Cement**

| Pollutant | Daily Maximum Limitations (mg/L) |
|---|---|
| TSS | 50 |
| pH | 6 – 9 S.U. |

e. Sector J, Mineral Mining and Processing Facilities: 40 CFR Part 436, Subparts B, C, and D (40 CFR §§436.22, 436.32, and 436.42), *Mineral Mining and Processing Point Source Category: Crushed Stone Subcategory, Construction Sand and Gravel Subcategory, and Industrial Sand Subcategory*

**Table 5. Effluent Limitations for Discharges of Stormwater and Ground Water Seepage from Mine Dewatering Activities at Construction Sand and Gravel, Industrial Sand, and Crushed Stone Mining Facilities**

| Pollutant | Daily Average Limitations (mg/L) | Daily Maximum Limitations (mg/L) |
|---|---|---|
| TSS | 25 | 45 |
| pH | 6 – 9 S.U. | 6 – 9 S.U. |

f. Sector O, Steam Electric Generating Facilities: 40 CFR Part 423 [§§423.12(b)(1), (9) and (10)], *Steam Electric Power Generating Point Source Category*

**Table 6. Effluent Limitations for Facilities Discharging Coal Pile Runoff**

| Pollutant | Daily Maximum Limitations (mg/L) |
|---|---|
| TSS | 50 |
| pH | 6 – 9 S.U. |

g. Sector S, Air Transportation: 40 CFR Part 449, Subpart A (§§449.1 - 449.20), *Airport Deicing Point Source Category,* and Subpart B, Appendix to Part 449, *Sampling Protocol for Soluble Chemical Oxygen Demand (COD).*

**Table 7. Effluent Limitations for Discharges of Stormwater Runoff from Airport Deicing Activities**

| Pollutant | Daily Maximum Limitations (mg/L) |
|---|---|
| COD | 271 |
| Ammonia-Nitrogen | 14.7 |

2. Other Numeric Effluent Limitations (Hazardous Metals):
   a. Effluent limits for hazardous metals are continued from the existing permit, and are consistent with TCEQ rules at 30 TAC Chapter 319, Subchapter B (related to Hazardous Metals). The monitoring frequency is once per year; therefore, only the daily maximum effluent limitations were included.
   b. Facilities that discharge in excess of the following numeric effluent limitations for hazardous metals must submit DMRs on an annual basis. This requirement is according to 40 CFR §122.44(i)(5), as adopted by reference by TCEQ, and would apply to facilities described in the permit under any of the sectors of industrial activity.

**Table 8. Effluent limits for hazardous metals discharging into inland and tidal waters**

| Parameter (Total) | Discharges to Inland Waters (mg/l) | Discharges to Tidal Waters (mg/l) |
|---|---|---|
| Arsenic | 0.3 | 0.3 |
| Barium | 4.0 | 4.0 |
| Cadmium | 0.2 | 0.3 |
| Chromium | 5.0 | 5.0 |
| Copper | 2.0 | 2.0 |
| Lead | 1.5 | 1.5 |
| Manganese | 3.0 | 3.0 |
| Mercury | 0.01 | 0.01 |
| Nickel | 3.0 | 3.0 |
| Selenium | 0.2 | 0.3 |
| Silver | 0.2 | 0.2 |
| Zinc | 6.0 | 6.0 |

B. Stormwater Pollution Prevention Plan (SWP3, or plan):

The draft general permit continues the existing requirement to develop and implement a SWP3 to control discharges of stormwater associated with industrial activities, in accordance with National Pollutant Discharge Elimination System (NPDES) stormwater regulations at 40 CFR §122.26 (b)(14)(viii), and as adopted by reference in 30 TAC §281.25(a)(4) (relating to Additional Facilities and Projects for which TPDES Permits are Required). The general permit includes specific provisions that must be incorporated into facility's SWP3. These include, at a minimum, the following elements:

1. Establish a Stormwater Pollution Prevention Team
2. Inspect facility for non-stormwater flows (e.g., process wastewater, vehicle or equipment cleaning water, contact or noncontact cooling water, boiler blowdown, cooling tower blowdown, hydrostatic testing water, groundwater.)
3. Describe potential pollutant sources:
   a. List an inventory of exposed materials;

b. Develop a narrative description of activities and sources that may contribute to stormwater pollution;

c. Develop a site map;

d. List historical spills and leaks (including reportable quantity (RQ) spills required by 30 TAC Chapter 327 (relating to Spill Prevention and Control)), and keep log of any additional spills and leaks; and

e. Summarize all sampling data.

4. Describe pollution prevention measures and controls, including:

a. Good Housekeeping;

b. Spill Prevention and Response;

c. Erosion Control;

d. Maintenance program for structural controls;

e. Best Management Practices (BMPs) used to reduce pollutants in runoff;

f. Employee training and education programs;

g. Monitoring activities; and

h. Records of above.

C. Additional Monitoring and Reporting: The amended general permit continues the following monitoring requirements from the existing general permit.

1. Benchmark Monitoring and Reporting: The general permit continues the requirement for certain industrial sectors to collect discharge samples for comparison to benchmark levels.

a. The general permit requires sampling once per six months for the first two years of the permit term. Monitoring requirements begin in the first full six-month period, January 1st through June 30th or July 1st through December 31st. The permittee would not be required to conduct benchmark monitoring during the third and fourth year, if the results of the first two year's monitoring are *below* benchmark values. Results of monitoring for the first and second reporting years would be reported to TCEQ. The permittee would be required to conduct monitoring and submit results for the third and fourth years, if the results of the benchmark monitoring during the first two year's monitoring are *above* benchmark values.

If sampling is performed for a pollutant in which a waiver was obtained, and the result for that pollutant is greater than the benchmark level, then the waiver ceases for that pollutant. In addition, any waivers obtained from benchmark sampling do not affect sampling that is required to comply with numeric effluent limits in the permit.

b. Appendix A in this fact sheet describes the methodology used for determining the benchmark values for the 2026 TPDES MSGP effective August 14, 2026.

2. Quarterly visual monitoring of discharges: The general permit continues the existing requirement to conduct visual sampling of the discharge at least once per quarter and adds that visual sampling is required only during normal operating hours.
3. Quarterly inspections of structural controls: The general permit continues the existing requirement to inspect the structural controls used to control the discharge of pollutants in stormwater.
4. Annual Comprehensive Site Compliance Investigation and Report: The general permit continues the existing requirement to perform a comprehensive site compliance evaluation and to prepare a report detailing the findings.

## V. Changes From Existing General Permit

The changes to the permit are listed below:

A. Moved the tables listing the regulated Standard Industrial Classification (SIC) codes and North American Industrial Classification System (NAICS) codes from Part II of the 2021 MSGP to Appendix A. This change will allow the reader to access the permit requirements immediately instead of scrolling through over 70 pages of tables.

B. Revised the references, throughout the general permit, to the previous regulated SIC and NAICS codes tables to now refer to Appendix A.

C. The 2017 NAICS codes were updated in 2022 by the NAICS Association. TCEQ updated the SIC/NAICS codes tables to reflect these changes in the MSGP.

D. Revised in Part I the definitions of Surface Water in the State and Tidal Waters to update the term Gulf of Mexico to Gulf of America.

E. Modified in Part II.B.9(c) the mailing address for the Edwards Aquifer Protection Program.

F. Updated in Part II.B.12 reference to the authority home-rule municipality as provided by Texas statute.

G. Added the definition of High-Level Radioactive Waste in Part I, added Part II.B.17 to include the provision to prohibit authorization of discharges associated with the operation of a facility that is licensed for the disposal or storage of high-level radioactive waste by the United States Nuclear Regulatory Commission (USNRC) under 10 CFR Part 72 based on Texas Health & Safety Code § 401.0525, and added language in Part II.C.5.(d) to require that the NOI include confirmation that the facility is not licensed by the USNRC to dispose or store high-level radioactive waste. These revisions implement House Bill 7 (87th Legislature, 2nd Called Session, 2021) and House Bill 4112 (89th Legislature, Regular Session, 2025).

H. Revised the Part II.C.3(a) application deadlines to include an authorization renewal period.

I. Clarified in Part II.C.9 that applications (i.e., NOI, NEC, NOC, and NOT) must be submitted to any MS4 receiving discharges from an industrial facility whether the MS4 is regulated or not by TCEQ.

J. Added in Part ~~II~~ III.A.1(c) the option for preparing and maintaining an electronic SWP3 for consistency with the Construction General Permit No. TXR150000.

K. Revised Part III.A.4(e)(3) and created new Part III.A.4(e)(4) to separate and distinguish the requirement to identify a qualified personnel from the requirement to identify structural controls in the SWP3. Part III.A.4(e)(4) was created for qualified personnel SWP3 requirements.

L. Added in Part ~~II~~ III.D.2(b)(3) that substantially similar outfalls may not be established for Water Quality Monitoring Requirements of Part III.B.4.

M. Revised Part III.E.6(b)(3) to specify non-compliance reports shall be submitted to TCEQ's Enforcement Division (MC-224).

N. Changed six benchmark values based on data collected and analyzed during the current permit term:

1. For Sector C:
    - Lowered Phosphorus from 1.25 milligrams per Liter (mg/L) to 0.78 mg/L.
2. For Sectors K and S
    - Lowered Ammonia Nitrogen from 1.7 mg/L to 1.0 mg/L
3. For Sectors C, E, F, G, H, L, M, N, O, Q, and AA:
    - Lowered Iron from 1.3 mg/L to 1.0 mg/L.
4. For Sector K:
    - Lowered Cyanide from 0.02 mg/L to 0.01 mg/L.
5. For Sectors C, G, J, U, and AA:
    - Lowered Nitrate+Nitrite Nitrogen from 0.68mg/L to 0.60 mg/L.
6. For Sectors A, C, F, G, N, Q, Y, and AA:
    - Lowered Zinc from 0.16 mg/L to 0.12 mg/L.

O. Removed the SIC code 1231 for Anthracite Mining from Sector H and the SIC/NAICS codes tables because it is not applicable in Texas. The Occupational Health and Safety Administration's SIC Manual description of this SIC code only includes facilities located in Pennsylvania.

P. Miscellaneous and editorial changes.

## VI. Addresses and Contact Information

Questions or informal comments concerning this draft general permit should be directed to:

TCEQ, Stormwater Permits Team Leader
Industrial Wastewater Permitting Section (MC 148)
P.O. Box 13087
Austin, Texas 78711-3087
(512) 239-4671

swgp@tceq.texas.gov

**Comments regarding this general permit during the public comment period were submitted either by mail to the following address, by fax followed by mail, or electronically as described below:**

By Mail:
TCEQ, Office of the Chief Clerk (MC 105)
P.O. Box 13087
Austin, Texas 78711-3087

By facsimile (fax): (512) 239-3311*

**Fax must be followed by hard copy in mail to the Office of the Chief Clerk (OCC) address above within three days of fax date.*

Electronically: https://www14.tceq.texas.gov/epic/eComment/

***Questions Regarding Public Comments Should Be Directed to OCC: (512) 239-3300.***

**Supplementary information on this fact sheet is organized as follows:**

**VII. Legal Basis**

**VIII. Regulatory Background**

**IX. Permit Coverage**

**X. Technology-based Requirements**

**XI. Water Quality-based Requirements**

**XII. Monitoring**

**XIII. Procedures for Final Decision**

**XIV. Administrative Record**

## VII. Legal Basis

TWC §26.121 makes it unlawful to discharge pollutants into or adjacent to water in the state in the absence of authorizing permits. TWC §26.027 authorizes the commission to issue permits and amendments to permits for the discharge of waste or pollutants into or adjacent to water in the state. TWC §26.040 provides the commission with authority to amend rules adopted under §26.040 prior to amendment of the statute by House Bill (HB) 1542 in 1997, and to authorize waste discharges by general permit. On September 14, 1998, the TCEQ received authority from the EPA to administer the TPDES. The TCEQ and the EPA have signed a Memorandum of Agreement (MOA) that authorizes the administration of the TPDES program by the TCEQ as it applies to the State of Texas. TWC §26.131, as amended by HB 2771 in the 86th Legislature, 2019, transfers regulatory authority for discharges into water in the state from oil and gas exploration, production, processing, or treatment operations, or transmission facilities from the EPA and the Railroad Commission of Texas (RRC) to TCEQ, upon EPA approval of NPDES authority for these discharges, which occurred on January 15, 2021.

Texas Health and Safety Code (THSC) § 401.0525, as amended by HB 7 (87th Legislature, 2nd Called Session, 2021) and HB 4112 (89th Legislature, Regular Session, 2025), prohibits the Commission from issuing a TPDES permit for the construction or operation of a facility that is licensed for the disposal and storage of high-level radioactive waste by the United States Nuclear Regulatory Commission under 10 CFR Part 72, except for those facilities identified in THSC § 401.0525.

Clean Water Act (CWA) Sections 301, 304, and 401 (33 United States Code 1331, 1314 and 1341) include provisions which state that TPDES permits must include effluent limitations requiring authorized discharges to: (1) meet standards reflecting levels of technological capability, (2) comply with EPA-approved state water quality standards and (3) comply with other state requirements adopted under authority retained by states under CWA §510, 33 U.S.C. §1370.

Two types of technology-based effluent limitations must be included in the proposed general permit. Regarding conventional pollutants, CWA §301 (b)(1)(E) requires effluent limitations based on "best conventional pollution control technology" (BCT). With regard to nonconventional and toxic pollutants, CWA §301(b)(2)(A), (C), and (D) require effluent limitations based on "best available pollution control technology economically achievable" (BAT), a standard which generally represents the best performing existing technology in an industrial category or subcategory. BAT and BCT effluent limitations may never be less stringent than corresponding effluent limitations based on best practicable control technology (BPT), a standard applicable to similar discharges before March 31, 1989, under CWA §301(b)(1)(A).

## VIII. Regulatory Background

The 1972 amendments to the Federal Water Pollution Control Act, later referred to as the CWA, prohibit the discharge of any pollutant to navigable waters of the United States from a point source unless the discharge is authorized by a NPDES permit. Efforts to improve water quality under the NPDES program traditionally have focused on reducing pollutants in industrial process wastewater and municipal sewage treatment plant discharges. Over time, it has become evident that more diffuse sources of water pollution, such as stormwater runoff from industrial facilities, construction sites, and municipal separate storm sewer systems (MS4s) are also significant contributors to water quality problems.

EPA promulgated rules establishing requirements for discharges of stormwater runoff associated with industrial activities, at 40 CFR §122.26. These rules were subsequently adopted by reference in TCEQ rules at 30 TAC §281.25(a) and are being implemented in part through reissuance of the MSGP.

TCEQ received authority to administer the TPDES permit program in Texas, for those discharges under the regulatory authority of the agency, on September 14, 1998. Under the MOA between the two agencies, EPA agreed to continue to administer the MSGP permit until the September 29, 2000 expiration date. The original TPDES permit was issued on August 20, 2001, and included the Phase II rules for the NPDES stormwater permit program which were finalized on December 8, 1999. The existing MSGP, which replaced the 2016 TPDES MSGP, was issued July 16, 2021, and expires on August 14, 2026.

Prior to the amendments of TWC §26.131 via HB 2771, the RRC had state authority for non-exempt stormwater discharges from industrial activities at oil and gas exploration, production, processing, or treatment operations, or transmission facilities and EPA had federal authority for these discharges. HB 2771 required TCEQ to request NPDES authority for these discharges from EPA and transferred state regulatory authority upon EPA approval of NPDES authority. On January 15, 2021, EPA approved the transfer of NPDES authority to TCEQ for these discharges. This general permit would continue authorization for existing regulated industrial activities in Texas and would authorize non-exempt stormwater discharges from industrial activities at oil and gas exploration, production, processing or treatment operations, or transmission facilities. Entities with potentially exempt stormwater discharges are generally defined by the following NAICS Codes and Titles: 211120 - Crude Petroleum Extraction; 211130 - Natural Gas Extraction; 213111 – Drilling Oil and Gas Wells; 213112 – Support Activities for Oil and Gas Operations – 237120 – Oil and Gas Pipeline and Related Structures Construction; 238910 – Site Preparation Contractors. This description with reference codes is not intended to be an exhaustive list but is provided as a guide regarding entities that may be exempt.

## IX. Permit Coverage

A. Scope of Permit Coverage

This general permit applies to discharges of stormwater runoff associated with industrial activity, and certain non-stormwater discharges, into surface water in the state. The general permit specifies which particular industrial facilities are eligible for authorization by the general permit, which must be authorized by a separate permit, and the specific conditions that must be met in order to receive an exclusion from requirements to develop a SWP3 and to submit a notice of intent. The general permit provides authority for any facility currently authorized under the TPDES permit to continue to discharge. The general permit also authorizes stormwater discharges associated with industrial activity from oil and gas extraction facilities that are under the jurisdiction of TCEQ, as identified by the SIC codes found within Part II. Section A. 1. of the general permit.

Permit applicability is based on the facility's primary SIC code, or by a listed Industrial Activity Code, and includes stormwater discharges regulated in federal guidelines in 40 CFR Parts 400-471 (effluent limitations guidelines, or ELGs). Industrial facilities that are required to obtain authorization to discharge stormwater runoff are grouped into 30 sectors, Sectors A through AD. A facility's SIC Code is the SIC code which best describes the main activity occurring at the site. EPA provided information regarding the primary SIC code by referencing the SIC Manual. According to the EPA, the SIC Manual recommends using the value of receipts or revenues to determine the primary activity. If such information is not available for a particular facility, then number of employees or production rate for each process may be compared. The operation that generates the most revenue or employs the most personnel is the operation in which the facility is primarily engaged. In the case of Industrial Activity Codes, a facility is subject to permitting requirements regardless of whether the Industrial Activity Code describes the primary activity or only a minor activity occurring at the site. If a facility conducts secondary activities that are described by an SIC code that is listed in the table,

then discharges from these additional activities are described as co-located activities and must be authorized. Stormwater discharges from co-located industrial activities may be authorized under the general permit, provided that the operator complies with all of the sector specific requirements defined in the general permit for each of the co-located activities. Co-located activities are only required to be permitted at a facility that is already required to be regulated based on the primary SIC code or the Industrial Activity Code.

For informational purposes only, Appendix A contains all the 1987 SIC codes that are regulated under stormwater regulations and matches them up with corresponding NAICS codes. The NAICS codes have been in use since they replaced the SIC codes in 1997. There is not a one-to-one correspondence between the two systems; therefore, a comprehensive list of regulated codes for both systems was generated.

The following industrial activities are eligible for authorization under the general permit:

**SECTOR A: TIMBER PRODUCTS**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2411 | Logging | 113310 | Logging |
| 2421 | General Sawmills and Planing Mills | 321113 | Sawmills |
| | | 321912 | Cut Stock, Resawing Lumber, and Planing |
| | | 321918 | Other Millwork (including Flooring) |
| | | 321920 | Wood Container and Pallet Manufacturing |
| | | 321999 | All Other Miscellaneous Wood Product Manufacturing |
| 2426 | Hardwood Dimension and Flooring Mills | 321113 | Sawmills |
| | | 321912 | Cut Stock, Resawing Lumber, and Planing |
| | | 321918 | Other Millwork (including Flooring) |
| | | 337215 | Showcase, Partition, Shelving, and Locker Manufacturing |
| 2429 | Special Product Sawmills, Not Elsewhere Classified | 321113 | Sawmills |
| | | 321920 | Wood Container and Pallet Manufacturing |
| | | 321999 | All Other Miscellaneous Wood Product Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2431 | Millwork | 321911 | Wood Window and Door Manufacturing |
| | | 321918 | Other Millwork (including Flooring) |
| 2435 | Hardwood Veneer and Plywood | 321211 | Hardwood Veneer and Plywood Manufacturing |
| 2436 | Softwood Veneer and Plywood | 321212 | Softwood Veneer and Plywood Manufacturing |
| 2439 | Structural Wood Members, Not Elsewhere Classified | 321215 | Engineered Wood Member Manufacturing |
| 2441 | Nailed and Lock Corner Wood Boxes and Shook | 321920 | Wood Container and Pallet Manufacturing |
| 2448 | Wood Pallets and Skids | 321920 | Wood Container and Pallet Manufacturing |
| 2449 | Wood Containers, Not Elsewhere Classified | 321920 | Wood Container and Pallet Manufacturing |
| 2451 | Mobile Homes | 321991 | Manufactured Home (Mobile Home) Manufacturing |
| 2452 | Prefabricated Wood Buildings and Components | 321992 | Prefabricated Wood Building Manufacturing |
| 2491 | Wood Preserving | 321114 | Wood Preservation |
| 2493 | Reconstituted Wood Products | 321219 | Reconstituted Wood Product Manufacturing |
| 2499 | Wood Products, Not Elsewhere Classified | 321920 | Wood Container and Pallet Manufacturing |
| | | 321999 | All Other Miscellaneous Wood Product Manufacturing |
| | | 333415 | Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing |
| | | 337126 | Household Furniture (except Wood and Metal) Manufacturing |
| | | 339113 | Surgical Appliance and Supplies Manufacturing |
| | | 339999 | All Other Miscellaneous Manufacturing |

**SECTOR B: PAPER AND ALLIED PRODUCTS**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2611 | Pulp Mills | 322110 | Pulp Mills |
| | | 322120 | Paper Mills |
| | | 322130 | Paperboard Mills |
| 2621 | Paper Mills | 322120 | Paper Mills |
| 2631 | Paperboard Mills | 322130 | Paperboard Mills |
| 2652 | Setup Paperboard Boxes | 322219 | Other Paperboard Container Manufacturing |
| 2653 | Corrugated and Solid Fiber Boxes | 322211 | Corrugated and Solid Fiber Box Manufacturing |
| 2655 | Fiber Cans, Tubes, Drums, and Similar Products | 322219 | Other Paperboard Container Manufacturing |
| 2656 | Sanitary Food Containers, Except Folding | 322219 | Other Paperboard Container Manufacturing |
| 2657 | Folding Paperboard Boxes, Including Sanitary | 322212 | Folding Paperboard Box Manufacturing |
| 2671 | Packaging Paper and Plastics Film, Coated and Laminated | 322220 | Paper Bag and Coated and Treated Paper Manufacturing |
| | | 326112 | Plastics Packaging Film and Sheet (including Laminated) Manufacturing |
| 2672 | Coated and Laminated Paper, Not Elsewhere Classified | 322220 | Paper Bag and Coated and Treated Paper Manufacturing |
| 2673 | Plastics, Foil, and Coated Paper Bags | 322220 | Paper Bag and Coated and Treated Paper Manufacturing |
| | | 326111 | Plastics Bag and Pouch Manufacturing |
| 2674 | Uncoated Paper and Multiwall Bags | 322220 | Paper Bag and Coated and Treated Paper Manufacturing |
| 2675 | Die-Cut Paper and Paperboard and Cardboard | 322220 | Paper Bag and Coated and Treated Paper Manufacturing |
| | | 322230 | Stationery Product Manufacturing |
| | | 322299 | All Other Converted Paper Product Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2676 | Sanitary Paper Products | 322291 | Sanitary Paper Product Manufacturing |
| 2677 | Envelopes | 322230 | Stationery Product Manufacturing |
| 2678 | Stationery, Tablets, and Related Products | 322230 | Stationery Product Manufacturing |
| 2679 | Converted Paper and Paperboard Products, Not Elsewhere Classified | 322211 | Corrugated and Solid Fiber Box Manufacturing |
| | | 322220 | Paper Bag and Coated and Treated Paper Manufacturing |
| | | 322230 | Stationery Product Manufacturing |
| | | 322299 | All Other Converted Paper Product Manufacturing |

**SECTOR C: CHEMICAL AND ALLIED PRODUCTS**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2812 | Alkalies and Chlorine | 325180 | Other Basic Inorganic Chemical Manufacturing |
| 2813 | Industrial Gases | 325120 | Industrial Gas Manufacturing |
| 2816 | Inorganic Pigments | 325130 | Synthetic Dye and Pigment Manufacturing |
| | | 325180 | Other Basic Inorganic Chemical Manufacturing |
| 2819 | Industrial Inorganic Chemicals, Not Elsewhere Classified | 211130 | Natural Gas Extraction |
| | | 325130 | Synthetic Dye and Pigment Manufacturing |
| | | 325180 | Other Basic Inorganic Chemical Manufacturing |
| | | 325998 | All Other Miscellaneous Chemical Product and Preparation Manufacturing |
| | | 331313 | Alumina Refining and Primary Aluminum Production |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2821 | Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers | 325211 | Plastics Material and Resin Manufacturing |
| 2822 | Synthetic Rubber (Vulcanizable Elastomers) | 325212 | Synthetic Rubber Manufacturing |
| 2823 | Cellulosic Manmade Fibers | 325220 | Artificial and Synthetic Fibers and Filaments Manufacturing |
| 2824 | Manmade Organic Fibers, Except Cellulosic | 325220 | Artificial and Synthetic Fibers and Filaments Manufacturing |
| 2833 | Medicinal Chemicals and Botanical Products | 325411 | Medicinal and Botanical Manufacturing |
| 2834 | Pharmaceutical Preparations | 325412 | Pharmaceutical Preparation Manufacturing |
| 2835 | In Vitro and In Vivo Diagnostic Substances | 325412 | Pharmaceutical Preparation Manufacturing |
| | | 325413 | In Vitro Diagnostic Substance Manufacturing |
| 2836 | Biological Products, Except Diagnostic Substances | 325414 | Biological Product (except Diagnostic) Manufacturing |
| 2841 | Soap and Other Detergents, Except Specialty Cleaners | 325611 | Soap and Other Detergent Manufacturing |
| 2842 | Specialty Cleaning, Polishing, and Sanitation Preparations | 325612 | Polish and Other Sanitation Good Manufacturing |
| 2843 | Surface Active Agents, Finishing Agents, Sulfonated Oils, and Assistants | 325613 | Surface Active Agent Manufacturing |
| 2844 | Perfumes, Cosmetics, and Other Toilet Preparations | 325611 | Soap and Other Detergent Manufacturing |
| | | 325620 | Toilet Preparation Manufacturing |
| 2851 | Paints, Varnishes, Lacquers, Enamels, and Allied Products | 325510 | Paint and Coating Manufacturing |
| 2861 | Gum and Wood Chemicals | 325194 | Cyclic Crude, Intermediate, and Gum and Wood Chemical Manufacturing |
| 2865 | Cyclic Organic Crudes and Intermediates, and Organic Dyes and Pigments | 325110 | Petrochemical Manufacturing |
| | | 325130 | Synthetic Dye and Pigment Manufacturing |
| | | 325194 | Cyclic Crude, Intermediate, and Gum and Wood Chemical Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2869 | Industrial Organic Chemicals, Not Elsewhere Classified | 325110 | Petrochemical Manufacturing |
| | | 325120 | Industrial Gas Manufacturing |
| | | 325180 | Other Basic Inorganic Chemical Manufacturing |
| | | 325193 | Ethyl Alcohol Manufacturing |
| | | 325194 | Cyclic Crude, Intermediate, and Gum and Wood Chemical Manufacturing |
| | | 325199 | All Other Basic Organic Chemical Manufacturing |
| | | 325998 | All Other Miscellaneous Chemical Product and Preparation Manufacturing |
| 2873 | Nitrogenous Fertilizers | 325311 | Nitrogenous Fertilizer Manufacturing |
| 2874 | Phosphatic Fertilizers | 325312 | Phosphatic Fertilizer Manufacturing |
| 2875 | Fertilizers, Mixing Only | 325314 | Fertilizer (Mixing Only) Manufacturing |
| | | 325315 | Compost Manufacturing |
| 2879 | Pesticides and Agricultural Chemicals, Not Elsewhere Classified | 325320 | Pesticides and Other Agricultural Chemical Manufacturing |
| 2891 | Adhesives and Sealants | 325520 | Adhesive Manufacturing |
| 2892 | Explosives | 325920 | Explosives Manufacturing |
| 2893 | Printing Ink | 325910 | Printing Ink Manufacturing |
| 2895 | Carbon Black | 325180 | Other Basic Inorganic Chemical Manufacturing |
| 2899 | Chemicals and Chemical Preparations, Not Elsewhere Classified | 311942 | Spice and Extract Manufacturing |
| | | 325199 | All Other Basic Organic Chemical Manufacturing |
| | | 325510 | Paint and Coating Manufacturing |
| | | 325998 | All Other Miscellaneous Chemical Product and Preparation Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2911 | Petroleum Refining | 324110 | Petroleum Refineries |
| 3952 | Limited to List of Inks and Paints including: China Painting Enamels; India Ink; Drawing Ink; Platinum Paints for Burnt Wood or Leather Work; Paints for China Painting; and Artist's Paints, and Artist's Watercolors | 325998 | All Other Miscellaneous Chemical Product and Preparation Manufacturing |
| | | 339940 | Office Supplies (except Paper) Manufacturing |

**SECTOR D: ASPHALT PAVING AND ROOFING MATERIALS AND LUBRICANTS**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2951 | Asphalt Paving Mixtures and Blocks | 324121 | Asphalt Paving Mixture and Block Manufacturing |
| 2952 | Asphalt Felts and Coatings | 324122 | Asphalt Shingle and Coating Materials Manufacturing |
| 2992 | Lubricating Oils and Greases | 324191 | Petroleum Lubricating Oil and Grease Manufacturing |
| 2999 | Products of Petroleum and Coal, Not Elsewhere Classified | 324199 | All Other Petroleum and Coal Products Manufacturing |

**SECTOR E: GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3211 | Flat Glass | 327211 | Flat Glass Manufacturing |
| 3221 | Glass Containers | 327213 | Glass Container Manufacturing |
| 3229 | Pressed and Blown Glass and Glassware, Not Elsewhere Classified | 327212 | Other Pressed and Blown Glass and Glassware Manufacturing |
| 3231 | Glass Products, Made of Purchased Glass | 327215 | Glass Product Manufacturing Made of Purchased Glass |
| 3241 | Cement, Hydraulic | 327310 | Cement Manufacturing |
| 3251 | Brick and Structural Clay Tile | 327120 | Clay Building Material and Refractories Manufacturing |
| | | 327331 | Concrete Block and Brick Manufacturing |
| 3253 | Ceramic Wall and Floor Tile | 327120 | Clay Building Material and Refractories Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3255 | Clay Refractories | 327120 | Clay Building Material and Refractories Manufacturing |
| 3259 | Structural Clay Products, Not Elsewhere Classified | 327120 | Clay Building Material and Refractories Manufacturing |
| 3261 | Vitreous China Plumbing Fixtures and China and Earthenware Fittings and Bathroom Accessories | 327110 | Pottery, Ceramics, and Plumbing Fixture Manufacturing |
| 3262 | Vitreous China Table and Kitchen Articles | 327110 | Pottery, Ceramics, and Plumbing Fixture Manufacturing |
| 3263 | Fine Earthenware (Whiteware) Table and Kitchen Articles | 327110 | Pottery, Ceramics, and Plumbing Fixture Manufacturing |
| 3264 | Porcelain Electrical Supplies | 327110 | Pottery, Ceramics, and Plumbing Fixture Manufacturing |
| 3269 | Pottery Products, Not Elsewhere Classified | 327110 | Pottery, Ceramics, and Plumbing Fixture Manufacturing |
| 3271 | Concrete Block and Brick | 327331 | Concrete Block and Brick Manufacturing |
| 3272 | Concrete Products, Except Block and Brick | 327332 | Concrete Pipe Manufacturing |
| | | 327390 | Other Concrete Product Manufacturing |
| | | 327999 | All Other Miscellaneous Nonmetallic Mineral Product Manufacturing |
| 3273 | Ready-Mixed Concrete | 327320 | Ready-Mix Concrete Manufacturing |
| 3274 | Lime | 327410 | Lime Manufacturing |
| 3275 | Gypsum Products | 327420 | Gypsum Product Manufacturing |
| 3281 | Cut Stone and Stone Products | 327991 | Cut Stone and Stone Product Manufacturing |
| 3291 | Abrasive Products | 327910 | Abrasive Product Manufacturing |
| | | 332999 | All Other Miscellaneous Fabricated Metal Product Manufacturing |
| 3292 | Asbestos Product | 327999 | All Other Miscellaneous Nonmetallic Mineral Product Manufacturing |
| | | 336340 | Motor Vehicle Brake System Manufacturing |
| | | 336350 | Motor Vehicle Transmission and Power Train Parts Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3295 | Minerals and Earths, Ground or Otherwise Treated | 212323 | Kaolin, Clay, and Ceramic and Refractory Minerals Mining |
| | | 212390 | Other Nonmetallic Mineral Mining and Quarrying |
| | | 327992 | Ground or Treated Mineral and Earth Manufacturing |
| 3296 | Mineral Wool | 327993 | Mineral Wool Manufacturing |
| 3297 | Nonclay Refractories | 327120 | Clay Building Material and Refractories Manufacturing |
| 3299 | Nonmetallic Mineral Products, Not Elsewhere Classified | 327110 | Pottery, Ceramics, and Plumbing Fixture Manufacturing |
| | | 327420 | Gypsum Product Manufacturing |
| | | 327999 | All Other Miscellaneous Nonmetallic Mineral Product Manufacturing |

**SECTOR F: PRIMARY METALS**

| SIC Code | SIC Code Description | 2022 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 |
| 3315 | Steel Wiredrawing and Steel Nails and Spikes | 331222 | Steel Wire Drawing |
| | | 332618 | Other Fabricated Wire Product Manufacturing |
| 3316 | Cold-Rolled Steel Sheet, Strip, and Bars | 331221 | Rolled Steel Shape Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3317 | Steel Pipe and Tubes | 331210 | Iron and Steel Pipe and Tube Manufacturing from Purchased Steel |
| 3321 | Gray and Ductile Iron Foundries | 331511 | Iron Foundries |
| 3322 | Malleable Iron Foundries | 331511 | Iron Foundries |
| 3324 | Steel Investment Foundries | 331512 | Steel Investment Foundries |
| 3325 | Steel Foundries, Not Elsewhere Classified | 331513 | Steel Foundries (except Investment) |
| 3331 | Primary Smelting and Refining of Copper | 331410 | Nonferrous Metal (except Aluminum) Smelting and Refining |
| 3334 | Primary Production of Aluminum | 331313 | Alumina Refining and Primary Aluminum Production |
| 3339 | Primary Smelting and Refining of Nonferrous Metals, Except Copper and Aluminum | 331410 | Nonferrous Metal (except Aluminum) Smelting and Refining |
| 3341 | Secondary Smelting and Refining of Nonferrous Metals | 331314 | Secondary Smelting and Alloying of Aluminum |
| | | 331420 | Copper Rolling, Drawing, Extruding, and Alloying |
| | | 331492 | Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum) |
| 3351 | Rolling, Drawing, and Extruding of Copper | 331420 | Copper Rolling, Drawing, Extruding, and Alloying |
| 3353 | Aluminum Sheet, Plate, and Foil | 331315 | Aluminum Sheet, Plate, and Foil Manufacturing |
| 3354 | Aluminum Extruded Products | 331318 | Other Aluminum Rolling, Drawing, and Extruding |
| 3355 | Aluminum Rolling and Drawing, Not Elsewhere Classified | 331318 | Other Aluminum Rolling, Drawing, and Extruding |
| 3356 | Rolling, Drawing, and Extruding of Nonferrous Metals, Except Copper and Aluminum | 331491 | Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding |
| 3357 | Drawing and Insulating of Nonferrous Wire | 331318 | Other Aluminum Rolling, Drawing, and Extruding |
| | | 331420 | Copper Rolling, Drawing, Extruding, and Alloying |
| | | 331491 | Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding |
| | | 335921 | Fiber Optic Cable Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3357 | Drawing and Insulating of Nonferrous Wire | 335929 | Other Communication and Energy Wire Manufacturing |
| 3363 | Aluminum Die-Castings | 331523 | Nonferrous Metal Die-Casting Foundries |
| 3364 | Nonferrous Die-Castings, Except Aluminum | 331523 | Nonferrous Metal Die-Casting Foundries |
| 3365 | Aluminum Foundries | 331524 | Aluminum Foundries (except Die-Casting) |
| 3366 | Copper Foundries | 331529 | Other Nonferrous Metal Foundries (except Die-Casting) |
| 3369 | Nonferrous Foundries, Except Aluminum and Copper | 331529 | Other Nonferrous Metal Foundries (except Die-Casting) |
| 3398 | Metal Heat Treating | 332811 | Metal Heat Treating |
| 3399 | Primary Metal Products, Not Elsewhere Classified | 331110 | Iron and Steel Mills and Ferroalloy Manufacturing |
| | | 331221 | Rolled Steel Shape Manufacturing |
| | | 331314 | Secondary Smelting and Alloying of Aluminum |
| | | 331420 | Copper Rolling, Drawing, Extruding, and Alloying |
| | | 331492 | Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum) |
| | | 332618 | Other Fabricated Wire Product Manufacturing |
| | | 332813 | Electroplating, Plating, Polishing, Anodizing and Coloring |

**SECTOR G: METAL MINING (ORE MINING AND DRESSING)**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 1011 | Iron Ores | 212210 | Iron Ore Mining |
| 1021 | Copper Ores | 212230 | Copper, Nickel, Lead, and Zinc Mining |
| 1031 | Lead and Zinc Ores | 212230 | Copper, Nickel, Lead, and Zinc Mining |
| 1041 | Gold Ores | 212220 | Gold Ore and Silver Ore Mining |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 1044 | Silver Ores | 212220 | Gold Ore and Silver Ore Mining |
| 1061 | Ferroalloy Ores, Except Vanadium | 212230 | Copper, Nickel, Lead, and Zinc Mining |
| | | 212290 | Other Metal Ore Mining |
| 1081 | Metal Mining Services | 213114 | Support Activities for Metal Mining |
| | | 238910 | Site Preparation Contractors |
| 1094 | Uranium-Radium-Vanadium Ores | 212290 | Other Metal Ore Mining |
| 1099 | Miscellaneous Metal Ores, Not Elsewhere Classified | 212290 | Other Metal Ore Mining |

**SECTOR H: COAL MINES AND COAL MINING RELATED FACILITIES**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 1221 | Bituminous Coal and Lignite Surface Mining | 212114 | Surface Coal Mining |
| 1222 | Bituminous Coal Underground Mining | 212115 | Underground Coal Mining |
| 1241 | Coal Mining Services | 213113 | Support Activities for Coal |
| | | 238910 | Site Preparation Contractors |

**SECTOR I: OIL AND GAS EXTRACTION FACILITIES**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 1311 | Crude Petroleum and Natural Gas | 211120 | Crude Petroleum Extraction |
| 1321 | Natural Gas Liquids | 211130 | Natural Gas Extraction |
| 1381 | Drilling Oil and Gas Wells | 213111 | Drilling Oil and Gas Wells |
| 1382 | Oil and Gas Field Exploration Services | 213112 | Support Activities for Oil and Gas Operations |
| 1389 | Oil and Gas Field Services, Not Elsewhere Classified | 213112 | Support Activities for Oil and Gas Operations |
| | | 237120 | Oil and Gas Pipeline and Related Structures Construction |
| | | 238910 | Site Preparation Contractors |

**SECTOR J: MINERAL MINING AND PROCESSING FACILITIES**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 1411 | Dimension Stone | 212311 | Dimension Stone Mining and Quarrying |
| 1422 | Crushed and Broken Limestone | 212312 | Crushed and Broken Limestone Mining and Quarrying |
| 1423 | Crushed and Broken Granite | 212313 | Crushed and Broken Granite Mining and Quarrying |
| 1429 | Crushed and Broken Stone, Not Elsewhere Classified | 212319 | Other Crushed and Broken Stone Mining and Quarrying |
| 1442 | Construction Sand and Gravel | 212321 | Construction Sand and Gravel Mining |
| 1446 | Industrial Sand | 212322 | Industrial Sand Mining |
| 1455 | Kaolin and Ball Clay | 212323 | Kaolin, Clay, and Ceramic and Refractory Minerals Mining |
| 1459 | Clay, Ceramic, and Refractory Minerals, Not Elsewhere Classified | 212323 | Kaolin, Clay, and Ceramic and Refractory Minerals Mining |
| 1474 | Potash, Soda, and Borate Minerals | 212390 | Other Nonmetallic Mineral Mining and Quarrying |
| 1475 | Phosphate Rock | 212390 | Other Nonmetallic Mineral Mining and Quarrying |
| 1479 | Chemical and Fertilizer Mineral Mining, Not Elsewhere Classified | 212390 | Other Nonmetallic Mineral Mining and Quarrying |
| 1481 | Nonmetallic Minerals Services, Except Fuels | 213115 | Support Activities for Nonmetallic Minerals (except Fuels) Mining |
| | | 238910 | Site Preparation Contractors |
| 1499 | Miscellaneous Nonmetallic Minerals, Except Fuels | 212319 | Other Crushed and Broken Stone Mining and Quarrying |
| | | 212390 | Other Nonmetallic Mineral Mining and Quarrying |

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

| Activity Code | Activity Code Description | 2022 NAICS Code | Notes |
|---|---|---|---|
| HZ | Hazardous Waste Treatment, Storage, and Disposal Facilities | No NAICS Code Equivalent | Activity Codes are non-SIC / non-NAICS designation<br>See Part V, Section K for Detailed Description of Sector |

**SECTOR L: LANDFILLS AND LAND APPLICATION SITES**

| Activity Code | Activity Code Description | 2022 NAICS Code | Notes |
|---|---|---|---|
| LF | Landfills, Land Application Sites, and Open Dumps | No NAICS Code Equivalent | Activity Codes are non-SIC / non-NAICS designation<br>See Part V, Section L for Detailed Description of Sector |

**SECTOR M: AUTOMOBILE SALVAGE YARDS**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 5015 | Motor Vehicle Parts, Used (Automobile Salvage Yard) | 423140 | Motor Vehicle Parts (Used) Merchant Wholesalers |
| | | 425120 | Wholesale Trade Agents and Brokers |
| | | 441330 | Automotive Parts and Accessories Retailers |

**SECTOR N: SCRAP AND WASTE RECYCLING FACILITIES**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 5093 | Scrap and Waste Materials | 423930 | Recyclable Material Merchant Wholesalers |
| | | 425120 | Wholesale Trade Agents and Brokers |

**SECTOR O: STEAM ELECTRIC GENERATING FACILITIES**

| Activity Code | Activity Code Description | 2022 NAICS Code | Notes |
|---|---|---|---|
| SE | Steam Electric Power Generating Facilities | No NAICS Code Equivalent | Activity Codes are non-SIC / non-NAICS designation<br>See Part V, Section O for detailed description of Sector |

**SECTOR P: LAND TRANSPORTATION AND WAREHOUSING**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 4011 | Railroads, Line-Haul Operating | 482111 | Line-Haul Railroads |
| 4013 | Railroad Switching and Terminal Establishments | 482112 | Short Line Railroads |
| | | 488210 | Support Activities for Rail Transportation |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 4111 | Local and Suburban Transit | 485111 | Mixed Mode Transit Systems |
| | | 485112 | Commuter Rail Systems |
| | | 485113 | Bus and Other Motor Vehicle Transit Systems |
| | | 485119 | Other Urban Transit Systems |
| | | 485999 | All Other Transit and Ground Passenger Transportation |
| 4119 | Local Passenger Transportation, Not Elsewhere Classified | 485320 | Limousine Service |
| | | 485410 | School and Employee Bus Transportation |
| | | 485991 | Special Needs Transportation |
| | | 485999 | All Other Transit and Ground Passenger Transportation |
| | | 487110 | Scenic and Sightseeing Transportation, Land |
| | | 621910 | Ambulance Services |
| 4121 | Taxicabs | 485310 | Taxi and Ride Sharing Service |
| 4131 | Intercity and Rural Bus Transportation | 485210 | Interurban and Rural Bus Transportation |
| 4141 | Local Bus Charter Service | 485510 | Charter Bus Industry |
| 4142 | Bus Charter Service, Except Local | 485510 | Charter Bus Industry |
| 4151 | School Buses | 485410 | School and Employee Bus Transportation |
| 4173 | Terminal and Service Facilities for Motor Vehicle Passenger Transportation | 488490 | Other Support Activities for Road Transportation |
| 4212 | Local Trucking Without Storage | 484110 | General Freight Trucking, Local |
| | | 484210 | Used Household and Office Goods Moving |
| | | 484220 | Specialized Freight (except Used Goods) Trucking, Local |
| | | 562111 | Solid Waste Collection |
| | | 562112 | Hazardous Waste Collection |
| | | 562119 | Other Waste Collection |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 4213 | Trucking, Except Local | 484121 | General Freight Trucking, Long-Distance, Truckload |
| | | 484122 | General Freight Trucking, Long-Distance, Less Than Truckload |
| | | 484210 | Used Household and Office Goods Moving |
| | | 484230 | Specialized Freight (except Used Goods) Trucking, Long-Distance |
| 4214 | Local Trucking with Storage | 484110 | General Freight Trucking, Local |
| | | 484210 | Used Household and Office Goods Moving |
| | | 484220 | Specialized Freight (except Used Goods) Trucking, Local |
| 4215 | Courier Services, Except by Air | 492110 | Couriers and Express Delivery Services |
| | | 492210 | Local Messengers and Local Delivery |
| 4221 | Farm Product Warehousing and Storage | 493130 | Farm Product Warehousing and Storage |
| 4222 | Refrigerated Warehousing and Storage | 493120 | Refrigerated Warehousing and Storage |
| 4225 | General Warehousing and Storage | 493110 | General Warehousing and Storage |
| | | 531130 | Lessors of Miniwarehouses and Self-Storage Units |
| 4226 | Special Warehousing and Storage, Not Elsewhere Classified | 493110 | General Warehousing and Storage |
| | | 493120 | Refrigerated Warehousing and Storage |
| | | 493190 | Other Warehousing and Storage |
| 4231 | Terminal and Joint Terminal Maintenance Facilities for Motor Freight Transportation | 488490 | Other Support Activities for Road Transportation |
| 4311 | United States Postal Service | 491110 | Postal Service |
| 5171 | Petroleum Bulk Stations and Terminals (primarily engaged in the wholesale distribution of crude petroleum and petroleum products, including liquefied petroleum gas, from bulk liquid storage facilities) | 424710 | Petroleum Bulk Stations and Terminals |
| | | 457210 | Fuel Dealers |

**SECTOR Q: WATER TRANSPORTATION**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 4412 | Deep Sea Foreign Transportation of Freight | 483111 | Deep Sea Freight Transportation |
| 4424 | Deep Sea Domestic Transportation of Freight | 483113 | Coastal and Great Lakes Freight Transportation |
| 4449 | Water Transportation of Freight, Not Elsewhere Classified | 483211 | Inland Water Freight Transportation |
| 4481 | Deep Sea Transportation of Passengers, Except by Ferry | 483112 | Deep Sea Passenger Transportation |
| | | 483114 | Coastal Passenger Transportation |
| 4482 | Ferries | 483114 | Coastal and Great Lakes Passenger Transportation |
| | | 483212 | Inland Water Passenger Transportation |
| 4489 | Water Transportation of Passengers, Not Elsewhere Classified | 483212 | Inland Water Passenger Transportation |
| | | 487210 | Scenic and Sightseeing Transportation, Water |
| 4491 | Marine Cargo Handling | 488310 | Port and Harbor Operations |
| | | 488320 | Marine Cargo Handling |
| 4492 | Towing and Tugboat Services | 488330 | Navigational Services to Shipping |
| 4493 | Marinas | 713930 | Marinas |
| 4499 | Water Transportation Services, Not Elsewhere Classified | 483211 | Inland Water Freight Transportation |
| | | 488310 | Port and Harbor Operations |
| | | 488330 | Navigational Services to Shipping |
| | | 488390 | Other Support Activities for Water Transportation |
| | | 532411 | Commercial Air, Rail, and Water Transportation Equipment Rental and Leasing |

**SECTOR R: SHIP AND BOAT BUILDING OR REPAIRING YARDS**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3731 | Ship Building and Repairing | 336611 | Ship Building and Repairing |
| | | 488390 | Other Support Activities for Water Transportation |
| 3732 | Boat Building and Repairing | 336612 | Boat Building |
| | | 811490 | Other Personal and Household Goods Repair and Maintenance |

**SECTOR S: AIR TRANSPORTATION**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 4512 | Air Transportation, Scheduled | 481111 | Scheduled Passenger Air Transportation |
| | | 481112 | Scheduled Freight Air Transportation |
| 4513 | Air Courier Services | 492110 | Couriers and Express Delivery Services |
| 4522 | Air Transportation, Nonscheduled | 481211 | Nonscheduled Chartered Passenger Air Transportation |
| | | 481212 | Nonscheduled Chartered Freight Air Transportation |
| | | 481219 | Other Nonscheduled Air Transportation |
| | | 487990 | Scenic and Sightseeing Transportation, Other |
| | | 621910 | Ambulance Services |
| 4581 | Airports, Flying Fields, and Airport Terminal Services | 488119 | Other Airport Operations |
| | | 488190 | Other Support Activities for Air Transportation |

**SECTOR T: TREATMENT WORKS**

| Activity Code | Activity Code Description | 2022 NAICS Code | Notes |
|---|---|---|---|
| TW | Certain Wastewater Treatment Plants | No NAICS Code Equivalent | Activity Codes are non-SIC / non-NAICS designation<br>See Part V, Section T for Detailed Description of Sector |

**SECTOR U: FOOD AND KINDRED PRODUCTS FACILITIES**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2011 | Meat Packing Plants | 311611 | Animal (except Poultry) Slaughtering |
| 2013 | Sausages and Other Prepared Meat Products | 311612 | Meat Processed from Carcasses |
| | | 311613 | Rendering and Meat Byproduct Processing |
| 2015 | Poultry Slaughtering and Processing | 311615 | Poultry Processing |
| | | 311999 | All Other Miscellaneous Food Manufacturing |
| 2021 | Creamery Butter | 311512 | Creamery Butter Manufacturing |
| 2022 | Natural, Processed, and Imitation Cheese | 311513 | Cheese Manufacturing |
| 2023 | Dry, Condensed, and Evaporated Dairy Products | 311511 | Fluid Milk Manufacturing |
| | | 311514 | Dry, Condensed, and Evaporated Dairy Product Manufacturing |
| 2024 | Ice Cream and Frozen Deserts | 311520 | Ice Cream and Frozen Dessert Manufacturing |
| 2026 | Fluid Milk | 311511 | Fluid Milk Manufacturing |
| | | 311514 | Dry, Condensed, and Evaporated Dairy Product Manufacturing |
| 2032 | Canned Specialties | 311422 | Specialty Canning |
| | | 311999 | All Other Miscellaneous Food Manufacturing |
| 2033 | Canned Fruits, Vegetables, Preserves, Jams, and Jellies | 311421 | Fruit and Vegetable Canning |
| 2034 | Dried and Dehydrated Fruits, Vegetables, and Soup Mixes | 311211 | Flour Milling |
| | | 311423 | Dried and Dehydrated Food Manufacturing |
| | | 311999 | All Other Miscellaneous Food Manufacturing |
| 2035 | Pickled Fruits and Vegetables, Vegetable Sauces and Seasonings, and Salad Dressings | 311421 | Fruit and Vegetable Canning |
| | | 311941 | Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2037 | Frozen Fruits, Fruit Juices, and Vegetables | 311411 | Frozen Fruit, Juice, and Vegetable Manufacturing |
| 2038 | Frozen Specialties, Not Elsewhere Classified | 311412 | Frozen Specialty Food Manufacturing |
| 2041 | Flour and Other Grain Mill Products | 311211 | Flour Milling |
| 2043 | Cereal Breakfast Foods | 311230 | Breakfast Cereal Manufacturing |
| | | 311920 | Coffee and Tea Manufacturing |
| 2044 | Rice Milling | 311212 | Rice Milling |
| 2045 | Prepared Flour Mixes and Doughs | 311824 | Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour |
| 2046 | Wet Corn Milling | 311221 | Wet Corn Milling and Starch Manufacturing |
| | | 311225 | Fats and Oils Refining and Blending |
| 2047 | Dog and Cat Food | 311111 | Dog and Cat Food Manufacturing |
| 2048 | Prepared Feed and Feed Ingredients for Animals and Fowls, Except Dogs and Cats | 311119 | Other Animal Food Manufacturing |
| | | 311611 | Animal (except Poultry) Slaughtering |
| 2051 | Bread and Other Bakery Products, Except Cookies and Crackers | 311812 | Commercial Bakeries |
| 2052 | Cookies and Crackers | 311812 | Commercial Bakeries |
| | | 311821 | Cookie and Cracker Manufacturing |
| | | 311919 | Other Snack Food Manufacturing |
| 2053 | Frozen Bakery Products, Except Bread | 311813 | Frozen Cakes, Pies, and Other Pastries Manufacturing |
| 2061 | Cane Sugar, Except Refining | 311314 | Cane Sugar Manufacturing |
| 2062 | Cane Sugar Refining | 311314 | Cane Sugar Refining |
| 2063 | Beet Sugar | 311313 | Beet Sugar Manufacturing |
| 2064 | Candy and Other Confectionery Products | 311340 | Nonchocolate Confectionery Manufacturing |
| | | 311352 | Confectionery Manufacturing from Purchased Chocolate |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2066 | Chocolate and Cocoa Products | 311351 | Chocolate and Confectionery Manufacturing from Cacao Beans |
| | | 311352 | Confectionery Manufacturing from Purchased Chocolate |
| 2067 | Chewing Gum | 311340 | Nonchocolate Confectionery Manufacturing |
| 2068 | Salted and Roasted Nuts and Seeds | 311911 | Roasted Nuts and Peanut Butter Manufacturing |
| 2074 | Cottonseed Oil Mills | 311224 | Soybean and Other Oilseed Processing |
| | | 311225 | Fats and Oils Refining and Blending |
| 2075 | Soybean Oil Mills | 311224 | Soybean and Other Oilseed Processing |
| | | 311225 | Fats and Oils Refining and Blending |
| 2076 | Vegetable Oil Mills, Except Corn, Cottonseed, and Soybean | 311224 | Soybean and Other Oilseed Processing |
| | | 311225 | Fats and Oils Refining and Blending |
| 2077 | Animal and Marine Fats and Oils | 311613 | Rendering and Meat Byproduct Processing |
| | | 311710 | Seafood Product Preparation and Packaging |
| 2079 | Shortening, Table Oils, Margarine, and Other Edible Fats and Oils, Not Elsewhere Classified | 311224 | Soybean and Other Oilseed Processing |
| | | 311225 | Fats and Oils Refining and Blending |
| 2082 | Malt Beverages | 311942 | Spice and Extract Manufacturing |
| | | 312120 | Breweries |
| 2083 | Malt | 311213 | Malt Manufacturing |
| 2084 | Wines, Brandy, and Brandy Spirits | 312130 | Wineries |
| 2085 | Distilled and Blended Liquors | 312130 | Wineries |
| | | 312140 | Distilleries |
| 2086 | Bottled and Canned Soft Drinks and Carbonated Water | 312111 | Soft Drink Manufacturing |
| | | 312112 | Bottled Water Manufacturing |
| | | | |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2087 | Flavoring Extracts and Flavoring Syrups, Not Elsewhere Classified | 311920 | Coffee and Tea Manufacturing |
| | | 311930 | Flavoring Syrup and Concentrate Manufacturing |
| | | 311942 | Spice and Extract Manufacturing |
| | | 311999 | All Other Miscellaneous Food Manufacturing |
| 2091 | Canned and Cured Fish and Seafood | 311710 | Seafood Product Preparation and Packaging |
| 2092 | Prepared Fresh or Frozen Fish and Seafood | 311710 | Seafood Product Preparation and Packaging |
| 2095 | Roasted Coffee | 311920 | Coffee and Tea Manufacturing |
| 2096 | Potato Chips, Corn Chips, and Similar Snacks | 311919 | Other Snack Food Manufacturing |
| 2097 | Manufactured Ice | 312113 | Ice Manufacturing |
| 2098 | Macaroni, Spaghetti, Vermicelli, and Noodles | 311824 | Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour |
| 2099 | Food Preparations, Not Elsewhere Classified | 111998 | All Other Miscellaneous Crop Farming |
| | | 311212 | Rice Milling |
| | | 311340 | Nonchocolate Confectionery Manufacturing |
| | | 311423 | Dried and Dehydrated Food Manufacturing |
| | | 311824 | Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour |
| | | 311830 | Tortilla Manufacturing |
| | | 311911 | Roasted Nuts and Peanut Butter Manufacturing |
| | | 311920 | Coffee and Tea Manufacturing |
| | | 311941 | Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing |
| | | 311942 | Spice and Extract Manufacturing |
| | | 311991 | Perishable Prepared Food Manufacturing |
| | | 311999 | All Other Miscellaneous Food Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2111 | Cigarettes | 312230 | Tobacco Manufacturing |
| 2121 | Cigars | 312230 | Tobacco Manufacturing |
| 2131 | Chewing and Smoking Tobacco and Snuff | 312230 | Tobacco Manufacturing |
| 2141 | Tobacco Stemming and Redrying | 312230 | Tobacco Manufacturing |

**SECTOR V: TEXTILE MILLS, APPAREL, AND OTHER FABRIC PRODUCT MANUFACTURING FACILITIES**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2211 | Broadwoven Fabric Mills, Cotton | 313210 | Broadwoven Fabric Mills |
| 2221 | Broadwoven Fabric Mills, Manmade Fiber and Silk | 313210 | Broadwoven Fabric Mills |
| 2231 | Broadwoven Fabric Mills, Wool (including dyeing and finishing) | 313210 | Broadwoven Fabric Mills |
| | | 313310 | Textile and Fabric Finishing Mills |
| 2241 | Narrow Fabric and Other Smallware Mills: Cotton, Wool, Silk and Manmade Fiber | 313220 | Narrow Fabric Mills and Schiffli Machine Embroidery |
| 2251 | Women's Full-Length and Knee-Length Hosiery, Except Socks | 313310 | Textile and Fabric Finishing Mills |
| | | 315120 | Apparel Knitting Mills |
| 2252 | Hosiery, Not Elsewhere Classified | 313310 | Textile and Fabric Finishing Mills |
| | | 315120 | Apparel Knitting Mills |
| 2253 | Knit Outerwear Mills | 313310 | Textile and Fabric Finishing Mills |
| | | 315120 | Apparel Knitting Mills |
| 2254 | Knit Underwear and Nightwear Mills | 313310 | Textile and Fabric Finishing Mills |
| | | 315120 | Apparel Knitting Mills |
| 2257 | Weft Knit Fabric Mills | 313240 | Knit Fabric Mills |
| | | 313310 | Textile and Fabric Finishing Mills |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2258 | Lace and Warp Knit Fabric Mills | 313240 | Knit Fabric Mills |
| | | 313310 | Textile and Fabric Finishing Mills |
| 2259 | Knitting Mills, Not Elsewhere Classified | 315120 | Apparel Knitting Mills |
| | | 313240 | Knit Fabric Mills |
| | | 313310 | Textile and Fabric Finishing Mills |
| 2261 | Finishers of Broadwoven Fabrics of Cotton | 313310 | Textile and Fabric Finishing Mills |
| 2262 | Finishers of Broadwoven Fabrics of Manmade Fibers and Silk | 313310 | Textile and Fabric Finishing Mills |
| 2269 | Finishers of Textiles, Not Elsewhere Classified | 313310 | Textile and Fabric Finishing Mills |
| 2273 | Carpets and Rugs | 314110 | Carpet and Rug Mills |
| 2281 | Yarn Spinning Mills | 313110 | Fiber, Yarn, and Thread Mills |
| 2282 | Yarn Texturizing, Throwing, Twisting and Winding Mills | 313110 | Fiber, Yarn, and Thread Mills |
| 2284 | Thread Mills | 313110 | Fiber, Yarn, and Thread Mills |
| | | 313310 | Textile and Fabric Finishing Mills |
| 2295 | Coated Fabrics, Not Rubberized | 313320 | Fabric Coating Mills |
| 2296 | Tire Cord and Fabrics | 314994 | Rope, Cordage, Twine, Tire Cord, and Tire Fabric Mills |
| 2297 | Non-woven Fabrics | 313230 | Nonwoven Fabric Mills |
| 2298 | Cordage and Twine | 313110 | Fiber, Yarn, and Thread Mills |
| | | 314994 | Rope, Cordage, Twine, Tire Cord, and Tire Fabric Mills |
| 2299 | Textile Goods, Not Elsewhere Classified | 313110 | Fiber, Yarn, and Thread Mills |
| | | 313210 | Broadwoven Fabric Mills |
| | | 313220 | Narrow Fabric Mills and Schiffli Machine Embroidery |
| | | 313230 | Nonwoven Fabric Mills |
| | | 313310 | Textile and Fabric Finishing Mills |
| | | 314999 | All Other Miscellaneous Textile Product Mills |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2311 | Men's and Boys' Suits, Coats, and Overcoats | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| 2321 | Men's and Boys' Shirts, Except Work Shirts | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| 2322 | Men's and Boys' Underwear and Nightwear | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| 2323 | Men's and Boys' Neckwear | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315990 | Apparel Accessories and Other Apparel Manufacturing |
| 2325 | Men's and Boys' Separate Trousers and Slacks | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| 2326 | Men's and Boys' Work Clothing | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| 2329 | Men's and Boys' Clothing, Not Elsewhere Classified | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2329 | Men's and Boys' Clothing, Not Elsewhere Classified | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| 2331 | Women's, Misses', and Juniors' Blouses and Shirts | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| 2335 | Women's, Misses', and Juniors' Dresses | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| 2337 | Women's, Misses', and Juniors' Suits, Skirts, and Coats | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| 2339 | Women's, Misses', and Juniors' Outerwear, Not Elsewhere Classified | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| | | 315990 | Apparel Accessories and Other Apparel Manufacturing |
| 2341 | Women's, Misses', Children's, and Infants' Underwear and Nightwear | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2342 | Brassieres, Girdles, and Allied Garments | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| 2353 | Hats, Caps, and Millinery | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315990 | Apparel Accessories and Other Apparel Manufacturing |
| 2361 | Girls', Children's, and Infants' Dresses, Blouses, and Shirts | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| 2369 | Girls', Children's, and Infants' Outerwear, Not Elsewhere Classified | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| 2371 | Fur Goods | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| 2381 | Dress and Work Gloves, Excludes Knit and All-Leather | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315990 | Apparel Accessories and Other Apparel Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2384 | Robes and Dressing Gowns | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| 2385 | Waterproof Outerwear | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| | | 315990 | Apparel Accessories and Other Apparel Manufacturing |
| 2386 | Leather and Sheep-Lined Clothing | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| 2387 | Apparel Belts | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315990 | Apparel Accessories and Other Apparel Manufacturing |
| 2389 | Apparel and Accessories, Not Elsewhere Classified | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2389 | Apparel and Accessories, Not Elsewhere Classified | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| | | 315990 | Apparel Accessories and Other Apparel Manufacturing |
| 2391 | Curtains and Draperies | 314120 | Curtain and Linen Mills |
| 2392 | House furnishings, Except Curtains and Draperies | 314120 | Curtain and Linen Mills |
| | | 314910 | Textile Bag and Canvas Mills |
| | | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 339994 | Broom, Brush, and Mop Manufacturing |
| 2393 | Textile Bags | 314910 | Textile Bag and Canvas Mills |
| 2394 | Canvas and Related Products | 314910 | Textile Bag and Canvas Mills |
| 2395 | Pleating, Decorative and Novelty Stitching, and Tucking for the Trade | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| 2396 | Automotive Trimmings, Apparel Findings, and Related Products | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315990 | Apparel Accessories and Other Apparel Manufacturing |
| | | 323113 | Commercial Screen Printing |
| | | 336360 | Motor Vehicle Seating and Interior Trim Manufacturing |
| 2397 | Schiffli Machine Embroideries | 313220 | Narrow Fabric Mills and Schiffli Machine Embroidery |
| 2399 | Fabricated Textile Products, Not Elsewhere Classified | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315990 | Apparel Accessories and Other Apparel Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2399 | Fabricated Textile Products, Not Elsewhere Classified | 336360 | Motor Vehicle Seating and Interior Trim Manufacturing |
| 3131 | Boot and Shoe Cut Stock and Findings | 316990 | Other Leather and Allied Product Manufacturing |
| | | 321999 | All Other Miscellaneous Wood Product Manufacturing |
| | | 339993 | Fastener, Button, Needle, and Pin Manufacturing |
| 3142 | House Slippers | 316210 | Footwear Manufacturing |
| 3143 | Men's Footwear, Except Athletic | 316210 | Footwear Manufacturing |
| 3144 | Women's Footwear, Except Athletic | 316210 | Footwear Manufacturing |
| 3149 | Footwear, Except Rubber, Not Elsewhere Classified | 316210 | Footwear Manufacturing |
| 3151 | Leather Gloves and Mittens | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 315210 | Cut and Sew Apparel Contractors |
| | | 315990 | Apparel Accessories and Other Apparel Manufacturing |
| 3161 | Luggage | 316990 | Other Leather and Allied Product Manufacturing |
| 3171 | Women's Handbags and Purses | 316990 | Other Leather and Allied Product Manufacturing |
| 3172 | Personal Leather Goods, Except Women's Handbags and Purses | 316990 | Other Leather and Allied Product Manufacturing |
| | | 339910 | Jewelry and Silverware Manufacturing |
| 3199 | Leather Goods, Not Elsewhere Classified | 316990 | Other Leather and Allied Product Manufacturing |

**SECTOR W: FURNITURE AND FIXTURES**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2434 | Wood Kitchen Cabinets | 337110 | Wood Kitchen Cabinet and Countertop Manufacturing |
| 2511 | Wood Household Furniture, Except Upholstered | 337122 | Nonupholstered Wood Household Furniture Manufacturing |
| | | 337215 | Showcase, Partition, Shelving, and Locker Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2512 | Wood Household Furniture, Upholstered | 337121 | Upholstered Household Furniture Manufacturing |
| 2514 | Metal Household Furniture | 337121 | Upholstered Household Furniture Manufacturing |
| | | 337126 | Household Furniture (except Wood and Upholstered) Manufacturing |
| | | 337215 | Showcase, Partition, Shelving, and Locker Manufacturing |
| 2515 | Mattresses, Foundations, and Convertible Beds | 337121 | Upholstered Household Furniture Manufacturing |
| | | 337910 | Mattress Manufacturing |
| 2517 | Wood Television, Radio, Phonograph, and Sewing Machine Cabinets | 321999 | All Other Miscellaneous Wood Product Manufacturing |
| 2519 | Household Furniture, Not Elsewhere Classified | 337126 | Household Furniture (except Wood and Upholsteredl) Manufacturing |
| 2521 | Wood Office Furniture | 337211 | Wood Office Furniture Manufacturing |
| 2522 | Office Furniture, Except Wood | 337214 | Office Furniture (Except Wood) Manufacturing |
| 2531 | Public Building and Related Furniture | 336360 | Motor Vehicle Seating and Interior Trim Manufacturing |
| | | 337127 | Institutional Furniture Manufacturing |
| | | 339940 | Office Supplies (except Paper) Manufacturing |
| 2541 | Wood Office and Store Fixtures, Partitions, Shelving, and Lockers | 337110 | Wood Kitchen Cabinet and Countertop Manufacturing |
| | | 337127 | Institutional Furniture Manufacturing |
| | | 337212 | Custom Architectural Woodwork and Millwork Manufacturing |
| | | 337215 | Showcase, Partition, Shelving, and Locker Manufacturing |
| 2542 | Office and Store Fixtures, Partitions, Shelving, and Lockers, Except Wood | 337127 | Institutional Furniture Manufacturing |
| | | 337215 | Showcase, Partition, Shelving, and Locker Manufacturing |
| 2591 | Drapery Hardware and Window Blinds and Shades | 337920 | Blind and Shade Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2599 | Furniture and Fixtures, Not Elsewhere Classified | 333248 | All Other Industrial Machinery Manufacturing |
| | | 333415 | Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing |
| | | 333994 | Industrial Process Furnace and Oven Manufacturing |
| | | 333998 | All Other Miscellaneous General Purpose Machinery Manufacturing |
| | | 337127 | Institutional Furniture Manufacturing |
| | | 339113 | Surgical Appliance and Supplies Manufacturing |

**SECTOR X: PRINTING AND PUBLISHING**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2711 | Newspapers: Publishing, or Publishing and Printing | 513110 | Newspaper Publishers (or publishing combined with printing, excludes exclusive Internet publishing) |
| 2721 | Periodicals: Publishing, or Publishing and Printing | 513120 | Periodical Publishers (or publishing combined with printing, excludes exclusive Internet publishing) |
| 2731 | Books: Publishing, or Publishing and Printing | 513130 | Book Publishers |
| | | 512230 | Music Publishers |
| 2732 | Book Printing | 323117 | Books Printing |
| 2741 | Miscellaneous Publishing | 513120 | Periodical Publishers |
| | | 513130 | Book Publishers |
| | | 513140 | Directory and Mailing List Publishers |
| | | 513199 | All Other Publishers |
| | | 512230 | Music Publishers |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 2752 | Commercial Printing, Lithographic | 323111 | Commercial Printing (except Screen and Books) |
| 2754 | Commercial Printing, Gravure | 323111 | Commercial Printing (except Screen and Books) |
| 2759 | Commercial Printing, Not Elsewhere Classified | 323111 | Commercial Printing (except Screen and Books) |
| | | 323113 | Commercial Screen Printing |
| 2761 | Manifold Business Forms | 323111 | Commercial Printing (except Screen and Books) |
| 2771 | Greeting Cards | 323111 | Commercial Printing (except Screen and Books) |
| | | 323113 | Commercial Screen Printing |
| | | 513191 | Greeting Card Publishers |
| 2782 | Blankbooks, Looseleaf Binders, and Devices | 323111 | Commercial Printing (except Screen and Books) |
| 2789 | Bookbinding and Related Work | 323120 | Support Activities for Printing |
| 2791 | Typesetting | 323120 | Support Activities for Printing |
| 2796 | Platemaking and Related Services | 323120 | Support Activities for Printing |

**SECTOR Y: RUBBER, MISCELLANEOUS PLASTIC PRODUCTS, AND MISCELLANEOUS MANUFACTURING FACILITIES**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3011 | Tires and Inner Tubes | 326211 | Tire Manufacturing (except Retreading) |
| 3021 | Rubber and Plastics Footwear | 316210 | Footwear Manufacturing |
| 3052 | Rubber and Plastics Hose and Belting | 326220 | Rubber and Plastics Hoses and Belting Manufacturing |
| 3053 | Gaskets, Packing, and Sealing Devices | 339991 | Gaskets, Packing, and Sealing Device Manufacturing |
| 3061 | Molded, Extruded, and Lathe-Cut Mechanical Rubber Goods | 326291 | Rubber Product Manufacturing for Mechanical Use |
| | | 326299 | All Other Rubber Product Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3069 | Fabricated Rubber Products, Not Elsewhere Classified | 313320 | Fabric Coating Mills |
| | | 314910 | Textile Bag and Canvas Mills |
| | | 315250 | Cut and Sew Apparel Manufacturing (except Contractors) |
| | | 315990 | Apparel Accessories and Other Apparel Manufacturing |
| | | 326199 | All Other Plastics Product Manufacturing |
| | | 326299 | All Other Rubber Product Manufacturing |
| | | 336612 | Boat Building |
| | | 339113 | Surgical Appliance and Supplies Manufacturing |
| | | 339920 | Sporting and Athletic Goods Manufacturing |
| | | 339930 | Doll, Toy, and Game Manufacturing |
| 3081 | Unsupported Plastics Film and Sheet | 326113 | Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing |
| 3082 | Unsupported Plastics Profile Shapes | 326121 | Unlaminated Plastics Profile Shape Manufacturing |
| 3083 | Laminated Plastics Plate, Sheet, and Profile Shapes | 326130 | Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing |
| 3084 | Plastics Pipe | 326122 | Plastics Pipe and Pipe Fitting Manufacturing |
| 3085 | Plastics Bottles | 326160 | Plastics Bottle Manufacturing |
| 3086 | Plastics Foam Products | 326140 | Polystyrene Foam Product Manufacturing |
| | | 326150 | Urethane and Other Foam Product (except Polystyrene) Manufacturing |
| 3087 | Custom Compounding of Purchased Plastics Resins | 325991 | Custom Compounding of Purchased Resins |
| 3088 | Plastics Plumbing Fixtures | 326191 | Plastics Plumbing Fixture Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3089 | Plastics Products, Not Elsewhere Classified | 326121 | Unlaminated Plastics Profile Shape Manufacturing |
| | | 326122 | Plastics Pipe and Pipe Fitting Manufacturing |
| | | 326199 | All Other Plastics Product Manufacturing |
| | | 336612 | Boat Building |
| | | 337215 | Showcase, Partition, Shelving, and Locker Manufacturing |
| | | 339113 | Surgical Appliance and Supplies Manufacturing |
| 3931 | Musical Instruments | 339992 | Musical Instrument Manufacturing |
| 3942 | Dolls and Stuffed Toys | 339930 | Doll, Toy, and Game Manufacturing |
| 3944 | Games, Toys, and Children's Vehicles, Excludes Dolls and Bicycles | 336991 | Motorcycle, Bicycle, and Parts Manufacturing |
| | | 339930 | Doll, Toy, and Game Manufacturing |
| 3949 | Sporting and Athletic Goods, Not Elsewhere Classified | 339920 | Sporting and Athletic Goods Manufacturing |
| 3951 | Pens, Mechanical Pencils, and Parts | 339940 | Office Supplies (except Paper) Manufacturing |
| 3953 | Marking Devices | 339940 | Office Supplies (except Paper) Manufacturing |
| 3955 | Carbon Paper and Inked Ribbons | 339940 | Office Supplies (except Paper) Manufacturing |
| 3961 | Costume Jewelry and Costume Novelties (Except Precious Metal) | 339910 | Jewelry and Silverware Manufacturing |
| | | 339993 | Fastener, Button, Needle, and Pin Manufacturing |
| 3965 | Fasteners, Buttons, Needles, and Pins | 339993 | Fastener, Button, Needle, and Pin Manufacturing |
| 3991 | Brooms and Brushes | 339994 | Broom, Brush, and Mop Manufacturing |
| 3993 | Signs and Advertising Specialties | 323113 | Commercial Screen Printing |
| | | 339950 | Sign Manufacturing |
| 3995 | Burial Caskets | 339995 | Burial Casket Manufacturing |
| 3996 | Linoleum, Asphalted-Felt-Base, and Other Hard Surface Floor | 326199 | All Other Plastics Product Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| | Coverings, Not Elsewhere Classified | | |
| 3999 | Manufacturing Industries, Not Elsewhere Classified | 316110 | Leather and Hide Tanning and Finishing |
| | | 321999 | All Other Miscellaneous Wood Product Manufacturing |
| | | 325998 | All Other Miscellaneous Chemical Product and Preparation Manufacturing |
| | | 326199 | All Other Plastics Product Manufacturing |
| | | 332215 | Metal Kitchen Cookware, Utensil, Cutlery, and Flatware (except Precious) Manufacturing |
| | | 332216 | Saw Blade and Handtool Manufacturing |
| | | 332812 | Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers |
| | | 332999 | All Other Miscellaneous Fabricated Metal Product Manufacturing |
| | | 333310 | Commercial and Service Industry Machinery Manufacturing |
| | | 335131 | Residential Electric Lighting Fixture Manufacturing |
| | | 335210 | Small Electrical Appliance Manufacturing |
| | | 336612 | Boat Building |
| | | 337127 | Institutional Furniture Manufacturing |
| | | 339930 | Doll, Toy, and Game Manufacturing |
| | | 339999 | All Other Miscellaneous Manufacturing |

**SECTOR Z: LEATHER TANNING AND FINISHING**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3111 | Leather Tanning and Finishing | 316110 | Leather and Hide Tanning and Finishing |

**SECTOR AA: FABRICATED METAL PRODUCTS FACILITIES**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3411 | Metal Cans | 332431 | Metal Can Manufacturing |
| 3412 | Metal Shipping Barrels, Drums, Kegs, and Pails | 332439 | Other Metal Container Manufacturing |
| 3421 | Cutlery | 332215 | Metal Kitchen Cookware, Utensil, Cutlery, and Flatware (except Precious) Manufacturing |
| | | 332216 | Saw Blade and Handtool Manufacturing |
| 3423 | Hand and Edge Tools, Excludes Machine Tools and Handsaws | 332216 | Saw Blade and Handtool Manufacturing |
| 3425 | Saw Blades and Handsaws | 332216 | Saw Blade and Handtool Manufacturing |
| 3429 | Hardware, Not Elsewhere Classified | 332439 | Other Metal Container Manufacturing |
| | | 332510 | Hardware Manufacturing |
| | | 332722 | Bolt, Nut, Screw, Rivet, and Washer Manufacturing |
| | | 332919 | Other Metal Valve and Pipe Fitting Manufacturing |
| | | 332999 | All Other Miscellaneous Fabricated Metal Product Manufacturing |
| | | 333923 | Overhead Traveling Crane, Hoist, and Monorail System Manufacturing |
| | | 334519 | Other Measuring and Controlling Device Manufacturing |
| | | 336390 | Other Motor Vehicle Parts Manufacturing |
| | | 337215 | Showcase, Partition, Shelving, and Locker Manufacturing |
| 3431 | Enameled Iron and Metal Sanitary Ware | 332999 | All Other Miscellaneous Fabricated Metal Product Manufacturing |
| 3432 | Plumbing Fixture Fittings and Trim | 332913 | Plumbing Fixture Fitting and Trim Manufacturing |
| | | 332919 | Other Metal Valve and Pipe Fitting Manufacturing |
| | | 332999 | All Other Miscellaneous Fabricated Metal Product Manufacturing |
| 3433 | Heating Equipment, Except Electric and Warm Air Furnaces | 333414 | Heating Equipment (except Warm Air Furnaces) Manufacturing |
| 3441 | Fabricated Structural Metal | 332312 | Fabricated Structural Metal Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3442 | Metal Doors, Sash, Frames, Molding, and Trim Manufacturing | 332321 | Metal Window and Door Manufacturing |
| 3443 | Fabricated Plate Work (Boiler Shops) | 332313 | Plate Work Manufacturing |
| | | 332410 | Power Boiler and Heat Exchanger Manufacturing |
| | | 332420 | Metal Tank (Heavy Gauge) Manufacturing |
| | | 333415 | Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing |
| 3444 | Sheet Metal Work | 332321 | Metal Window and Door Manufacturing |
| | | 332322 | Sheet Metal Work Manufacturing |
| | | 332439 | Other Metal Container Manufacturing |
| | | 333415 | Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing |
| 3446 | Architectural and Ornamental Metal Work | 332323 | Ornamental and Architectural Metal Work Manufacturing |
| 3448 | Prefabricated Metal Buildings and Components | 332311 | Prefabricated Metal Building and Component Manufacturing |
| 3449 | Miscellaneous Structural Metal Work | 332114 | Custom Roll Forming |
| | | 332312 | Fabricated Structural Metal Manufacturing |
| | | 332323 | Ornamental and Architectural Metal Work Manufacturing |
| 3451 | Screw Machine Products | 332721 | Precision Turned Product Manufacturing |
| 3452 | Bolts, Nuts, Screws, Rivets, and Washers | 332722 | Bolt, Nut, Screw, Rivet, and Washer Manufacturing |
| 3462 | Iron and Steel Forgings | 332111 | Iron and Steel Forging |
| 3463 | Nonferrous Forgings | 332112 | Nonferrous Forging |
| 3465 | Automotive Stampings | 336370 | Motor Vehicle Metal Stamping |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3466 | Crowns and Closures | 332119 | Metal Crown, Closure, and Other Metal Stamping (except Automotive) |
| 3469 | Metal Stampings, Not Elsewhere Classified | 332119 | Metal Crown, Closure, and Other Metal Stamping (except Automotive) |
| | | 332215 | Metal Kitchen Cookware, Utensil, Cutlery, and Flatware (except Precious) Manufacturing |
| | | 332439 | Other Metal Container Manufacturing |
| 3471 | Electroplating, Plating, Polishing, Anodizing, and Coloring | 332813 | Electroplating, Plating, Polishing, Anodizing, and Coloring |
| 3479 | Coating, Engraving, and Allied Services, Not Elsewhere Classified | 332812 | Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers |
| | | 339910 | Jewelry and Silverware Manufacturing |
| 3482 | Small Arms Ammunition | 332992 | Small Arms Ammunition Manufacturing |
| 3483 | Ammunition, Excepts for Small Arms | 332993 | Ammunition (except Small Arms) Manufacturing |
| 3484 | Small Arms | 332994 | Small Arms, Ordnance, and Ordnance Accessories Manufacturing |
| 3489 | Ordinance and Accessories, Not Elsewhere Classified | 332994 | Small Arms, Ordnance, and Ordnance Accessories Manufacturing |
| 3491 | Industrial Valves | 332911 | Industrial Valve Manufacturing |
| 3492 | Fluid Power Valves and Hose Fittings | 332912 | Fluid Power Valve and Hose Fitting Manufacturing |
| 3493 | Steel Springs, Except Wire | 332613 | Spring Manufacturing |
| 3494 | Valves and Pipe Fittings, Not Elsewhere Classified | 332919 | Other Metal Valve and Pipe Fitting Manufacturing |
| | | 332999 | All Other Miscellaneous Fabricated Metal Product Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3495 | Wire Springs | 332613 | Spring Manufacturing |
| | | 334519 | Other Measuring and Controlling Device Manufacturing |
| 3496 | Miscellaneous Fabricated Wire Products | 332215 | Metal Kitchen Cookware, Utensil, Cutlery, and Flatware (except Precious) Manufacturing |
| | | 332618 | Other Fabricated Wire Product Manufacturing |
| | | 333924 | Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing |
| 3497 | Metal Foil and Leaf | 322220 | Paper Bag and Coated and Treated Paper Manufacturing |
| | | 332999 | All Other Miscellaneous Fabricated Metal Product Manufacturing |
| 3498 | Fabricated Pipe and Pipe Fittings | 332996 | Fabricated Pipe and Pipe Fitting Manufacturing |
| 3499 | Fabricated Metal Products, Not Elsewhere Classified | 332117 | Powder Metallurgy Part Manufacturing |
| | | 332439 | Other Metal Container Manufacturing |
| | | 332510 | Hardware Manufacturing |
| | | 332919 | Other Metal Valve and Pipe Fitting Manufacturing |
| | | 332999 | All Other Miscellaneous Fabricated Metal Product Manufacturing |
| | | 336360 | Motor Vehicle Seating and Interior Trim Manufacturing |
| | | 337215 | Showcase, Partition, Shelving, and Locker Manufacturing |
| 3911 | Jewelry, Precious Metal | 339910 | Jewelry and Silverware Manufacturing |
| 3914 | Silverware, Plated Ware, and Stainless Steel Ware | 332215 | Metal Kitchen Cookware, Utensil, Cutlery, and Flatware (except Precious) Manufacturing |
| | | 332999 | All Other Miscellaneous Fabricated Metal Product Manufacturing |
| | | 339910 | Jewelry and Silverware Manufacturing |
| 3915 | Jewelers' Findings and Materials, and Lapidary Work | 334519 | Other Measuring and Controlling Device Manufacturing |
| | | 339910 | Jewelry and Silverware Manufacturing |

**SECTOR ABBB: TRANSPORTATION EQUIPMENT, INDUSTRIAL OR COMMERCIAL MACHINERY MANUFACTURING FACILITIES**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3511 | Steam, Gas, and Hydraulic Turbines, and Turbine Generator Set Units | 333611 | Turbine and Turbine Generator Set Units Manufacturing |
| 3519 | Internal Combustion Engines, Not Elsewhere Classified | 333618 | Other Engine Equipment Manufacturing |
| | | 336390 | Other Motor Vehicle Parts Manufacturing |
| 3523 | Farm Machinery and Equipment | 332216 | Saw Blade and Handtool Manufacturing |
| | | 332323 | Ornamental and Architectural Metal Work Manufacturing |
| | | 333111 | Farm Machinery and Equipment Manufacturing |
| | | 333922 | Conveyor and Conveying Equipment Manufacturing |
| 3524 | Lawn and Garden Tractors and Home Lawn and Garden Equipment | 332216 | Saw Blade and Handtool Manufacturing |
| | | 333112 | Lawn and Garden Tractor and Home Lawn and Garden Equipment Manufacturing |
| 3531 | Construction Machinery and Equipment | 333120 | Construction Machinery Manufacturing |
| | | 333923 | Overhead Traveling Crane, Hoist, and Monorail System Manufacturing |
| | | 336510 | Railroad Rolling Stock Manufacturing |
| 3532 | Mining Machinery and Equipment, Except Oil and Gas Field Machinery and Equipment | 333131 | Mining Machinery and Equipment Manufacturing |
| 3533 | Oil and Gas Field Machinery and Equipment | 333132 | Oil and Gas Field Machinery and Equipment Manufacturing |
| 3534 | Elevators and Moving Stairways | 333921 | Elevators and Moving Stairway Manufacturing |
| 3535 | Conveyors and Conveying Equipment | 333922 | Conveyors and Conveying Equipment Manufacturing |
| 3536 | Overhead Traveling Cranes, Hoists, and Monorail Systems | 333923 | Overhead Traveling Cranes, Hoists, and Monorail System Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3537 | Industrial Trucks, Tractors, Trailers, and Stackers | 332439 | Other Metal Container Manufacturing |
| | | 332999 | All Other Miscellaneous Fabricated Metal Product Manufacturing |
| | | 333924 | Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing |
| 3541 | Machine Tools, Metal Cutting Types | 333517 | Machine Tool Manufacturing |
| 3542 | Machine Tools, Metal Forming Types | 333517 | Machine Tool Manufacturing |
| 3543 | Industrial Patterns | 332999 | All Other Miscellaneous Fabricated Metal Product Manufacturing |
| 3544 | Special Dies and Tools, Die Sets, Jigs and Fixtures, and Industrial Molds | 333511 | Industrial Mold Manufacturing |
| | | 333514 | Special Die and Tool, Die Set, Jig, and Fixture Manufacturing |
| 3545 | Cutting Tools, Machine Tool Accessories, and Machinists' Precision Measuring Devices | 332216 | Saw Blade and Handtool Manufacturing |
| | | 333515 | Cutting Tool and Machine Tool Accessory Manufacturing |
| 3546 | Power-Driven Hand Tools | 333991 | Power-Driven Handtool Manufacturing |
| 3547 | Rolling Mill Machinery and Equipment | 333519 | Rolling Mill and Other Metalworking Machinery Manufacturing |
| 3548 | Electric and Gas Welding and Soldering Equipment | 333992 | Welding and Soldering Equipment Manufacturing |
| | | 335311 | Power, Distribution, and Specialty Transformer Manufacturing |
| 3549 | Metalworking Machinery, Not Elsewhere Classified | 333519 | Rolling Mill and Other Metalworking Machinery Manufacturing |
| 3552 | Textile Machinery | 333248 | All Other Industrial Machinery Manufacturing |
| 3553 | Woodworking Machinery | 333243 | Sawmill, Woodworking, and Paper Machinery Manufacturing |
| 3554 | Paper Industries Machinery | 333243 | Sawmill, Woodworking, and Paper Machinery Manufacturing |
| 3555 | Printing Trades Machinery and Equipment | 333258 | All Other Industrial Machinery Manufacturing |
| 3556 | Food Products Machinery | 333241 | Food Product Machinery Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3559 | Special Industry Machinery, Not Elsewhere Classified | 332410 | Power Boiler and Heat Exchanger Manufacturing |
| | | 333111 | Farm Machinery and Equipment Manufacturing |
| | | 333242 | Semiconductor Machinery Manufacturing |
| | | 333248 | All Other Industrial Machinery Manufacturing |
| | | 333310 | Commercial and Service Industry Machinery Manufacturing |
| 3561 | Pumps and Pumping Equipment | 333914 | Measuring, Dispensing, and Other Pumping Equipment Manufacturing |
| 3562 | Ball and Roller Bearings | 332991 | Ball and Roller Bearing Manufacturing |
| 3563 | Air and Gas Compressors | 333912 | Air and Gas Compressor Manufacturing |
| 3564 | Industrial and Commercial Fans and Blowers and Air Purification Equipment | 333413 | Industrial and Commercial Fan and Blower and Air Purification Equipment Manufacturing |
| 3565 | Packaging Machinery | 333993 | Packaging Machinery Manufacturing |
| 3566 | Speed Changers, Industrial High-Speed Drives, and Gears | 333612 | Speed Changer, Industrial High-Speed Drives, and Gear Manufacturing |
| 3567 | Industrial Process Furnaces and Ovens | 333994 | Industrial Process Furnace and Oven Manufacturing |
| 3568 | Mechanical Power Transmission Equipment, Not Elsewhere Classified | 333613 | Mechanical Power Transmission Equipment Manufacturing |
| 3569 | General Industrial Machinery and Equipment, Not Elsewhere | 314999 | All Other Miscellaneous Textile Product Mills |
| | | 333414 | Heating Equipment (except Warm Air Furnaces) Manufacturing |
| | | 333998 | All Other Miscellaneous General Purpose Machinery Manufacturing |
| 3581 | Automatic Vending Machines | 333310 | Commercial and Service Industry Machinery Manufacturing |
| 3582 | Commercial Laundry, Dry Cleaning, and Pressing Machines | 333310 | Commercial and Service Industry Machinery Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3585 | Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment | 333415 | Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing |
| | | 336390 | Other Motor Vehicle Parts Manufacturing |
| 3586 | Measuring and Dispensing Pumps | 333914 | Measuring, Dispensing, and Other Pumping Equipment Manufacturing |
| 3589 | Service Industry Machinery, Not Elsewhere Classified | 333310 | Commercial and Service Industry Machinery Manufacturing |
| 3592 | Carburetors, Pistons, Piston Rings, and Valves | 336310 | Motor Vehicle Gasoline Engine and Engine Parts Manufacturing |
| 3593 | Fluid Power Cylinders and Actuators | 333995 | Fluid Power Cylinder and Actuator Manufacturing |
| 3594 | Fluid Power Pumps and Motors | 333996 | Fluid Power Pumps and Motor Manufacturing |
| 3596 | Scales and Balances, Except Laboratory | 333998 | All Other Miscellaneous General Purpose Machinery Manufacturing |
| 3599 | Industrial and Commercial Machinery and Equipment, Not Elsewhere Classified | 332710 | Machine Shops |
| | | 332813 | Electroplating, Plating, Polishing, Anodizing and Coloring |
| | | 332999 | All Other Miscellaneous Fabricated Metal Product Manufacturing |
| | | 333310 | Commercial and Service Industry Machinery Manufacturing |
| | | 333998 | All Other Miscellaneous General Purpose Machinery Manufacturing |
| | | 334519 | Other Measuring and Controlling Device Manufacturing |
| | | 336390 | All Other Motor Vehicle Parts Manufacturing |
| 3711 | Motor Vehicles and Passenger Car Bodies | 336110 | Automobile and Light Duty Motor Vehicle Manufacturing |
| | | 336120 | Heavy Duty Truck Manufacturing |
| | | 336211 | Motor Vehicle Body Manufacturing |
| | | 336992 | Military Armored Vehicle, Tank, and Tank Component Manufacturing |
| 3713 | Truck and Bus Bodies | 336211 | Motor Vehicle Body Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3714 | Motor Vehicle Parts and Accessories | 336211 | Motor Vehicle Body Manufacturing |
| | | 336310 | Motor Vehicle Gasoline Engine and Engine Parts Manufacturing |
| | | 336320 | Motor Vehicle Electrical and Electronic Equipment Manufacturing |
| | | 336330 | Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing |
| | | 336340 | Motor Vehicle Brake System Manufacturing |
| | | 336350 | Motor Vehicle Transmission and Power Train Parts Manufacturing |
| | | 336390 | Other Motor Vehicle Parts Manufacturing |
| 3715 | Truck Trailers | 336212 | Truck and Trailer Manufacturing |
| 3716 | Motor Homes | 336213 | Motor Home Manufacturing |
| 3721 | Aircraft | 336411 | Aircraft Manufacturing |
| 3724 | Aircraft Engines and Engine Parts | 336412 | Aircraft Engine and Engine Parts Manufacturing |
| 3728 | Aircraft Parts and Auxiliary Equipment, Not Elsewhere Classified | 332912 | Fluid Power Valve and Hose Fitting Manufacturing |
| | | 336411 | Aircraft Manufacturing |
| | | 336413 | Other Aircraft Parts and Auxiliary Equipment Manufacturing |
| 3743 | Railroad Equipment | 333914 | Measuring, Dispensing, and Other Pumping Equipment Manufacturing |
| | | 336510 | Railroad Rolling Stock Manufacturing |
| 3751 | Motorcycles, Bicycles, and Parts | 336991 | Motorcycle, Bicycle, and Parts Manufacturing |
| 3761 | Guided Missiles and Space Vehicles | 336414 | Guided Missile and Space Vehicle Manufacturing |
| 3764 | Guided Missile and Space Vehicle Propulsion Units and Propulsion Unit Parts | 336415 | Guided Missile and Space Vehicle Propulsion Unit and Propulsion Unit Parts Manufacturing |
| 3769 | Guided Missile Space Vehicle Parts and Auxiliary Equipment, Not Elsewhere Classified | 336419 | Other Guided Missile and Space Vehicle Parts and Auxiliary Equipment Manufacturing |
| 3792 | Travel Trailers and Campers | 336214 | Travel Trailer and Camper Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3795 | Tanks and Tank Components | 336992 | Military Armored Vehicle, Tank, and Tank Component Manufacturing |
| 3799 | Transportation Equipment, Not Elsewhere Classified | 333924 | Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing |
| | | 336214 | Travel Trailer and Camper Manufacturing |
| | | 336390 | Other Motor Vehicle Parts Manufacturing |
| | | 336999 | All Other Transportation Equipment Manufacturing |

**SECTOR ACCC: ELECTRONIC, ELECTRICAL, PHOTOGRAPHIC, AND OPTICAL GOODS**

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3571 | Electronic Computers | 334111 | Electronic Computer Manufacturing |
| 3572 | Computer Storage Devices | 334112 | Computer Storage Device Manufacturing |
| 3575 | Computer Terminals | 334118 | Computer Terminal and Other Computer Peripheral Equipment Manufacturing |
| 3577 | Computer Peripheral Equipment, Not Elsewhere Classified | 333310 | Commercial and Service Industry Machinery Manufacturing |
| | | 334118 | Computer Terminal and Other Computer Peripheral Equipment Manufacturing |
| | | 334418 | Printed Circuit Assembly (Electronic Assembly) Manufacturing |
| | | 334610 | Manufacturing and Reproducing Magnetic and Optic Media |
| 3578 | Calculating and Accounting Machines, Except Electronic Computers | 333310 | Commercial and Service Industry Machinery Manufacturing |
| | | 333310 | Commercial and Service Industry Machinery Manufacturing |
| | | 334118 | Computer Terminal and Other Computer Peripheral Equipment Manufacturing |
| 3579 | Office Machines, Not Elsewhere Classified | 333310 | Commercial and Service Industry Machinery Manufacturing |
| | | 334519 | Other Measuring and Controlling Device Manufacturing |
| | | 339940 | Office Supplies (except Paper) Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3612 | Power, Distribution, and Specialty Transformers | 335311 | Power, Distribution, and Specialty Transformer Manufacturing |
| 3613 | Switchgear and Switchboard Apparatus | 335313 | Switchgear and Switchboard Apparatus Manufacturing |
| 3621 | Motors and Generators | 335312 | Motor and Generator Manufacturing |
| 3624 | Carbon and Graphite Products | 335991 | Carbon and Graphite Product Manufacturing |
| 3625 | Relays and Industrial Controls | 335314 | Relay and Industrial Control Manufacturing |
| 3629 | Electrical Industrial Apparatus, Not Elsewhere Classified | 335999 | All Other Miscellaneous Electrical Equipment and Component Manufacturing |
| 3631 | Household Cooking Equipment | 335220 | Major Household Appliance Manufacturing |
| 3632 | Household Refrigerators and Home and Farm Freezers | 335220 | Major Household Appliance Manufacturing |
| 3633 | Household Laundry Equipment | 335220 | Major Household Appliance Manufacturing |
| 3634 | Electric Housewares and Fans | 333414 | Heating Equipment (except Warm Air Furnaces) Manufacturing |
| | | 335210 | Small Electrical Appliance Manufacturing |
| | | 339999 | All Other Miscellaneous Manufacturing |
| 3635 | Household Vacuum Cleaners | 335210 | Small Electrical Appliance Manufacturing |
| 3639 | Household Appliances, Not Elsewhere Classified | 333248 | All Other Industrial Machinery Manufacturing |
| | | 335210 | Small Electrical Appliance Manufacturing |
| | | 335220 | Major Household Appliance Manufacturing |
| 3641 | Electric Lamp Bulbs and Tubes | 335139 | Electric Lamp Bulb and Other Lighting Equipment Manufacturing |
| 3643 | Current-Carrying Wiring Devices | 335931 | Current-Carrying Wiring Device Manufacturing |
| 3644 | Noncurrent-Carrying Wiring Devices | 332216 | Saw Blade and Handtool Manufacturing |
| | | 335932 | Noncurrent-Carrying Wiring Device Manufacturing |
| 3645 | Residential Electric Lighting Fixtures | 335131 | Residential Electric Lighting Fixture Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3646 | Commercial, Industrial, and Institutional Electric Lighting Fixtures | 335132 | Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing |
| 3647 | Vehicular Lighting Equipment | 336320 | Motor Vehicle Electrical and Electronic Equipment Manufacturing |
| 3648 | Lighting Equipment, Not Elsewhere Classified | 335139 | Electric Lamp Bulb and Other Lighting Equipment Manufacturing |
| 3651 | Household Audio and Video Equipment | 334310 | Audio and Video Equipment Manufacturing |
| 3652 | Phonograph Records and Prerecorded Audio Tapes and Disk | 334610 | Manufacturing and Reproducing Magnetic and Optical Media |
| | | 512250 | Record Production and Distribution |
| 3661 | Telephone and Telegraph Apparatus | 334210 | Telephone Apparatus Manufacturing |
| | | 334418 | Printed Circuit Assembly (Electronic Assembly) Manufacturing |
| 3663 | Radio and Television Broadcasting and Communications Equipment | 334220 | Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing |
| | | 334515 | Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals |
| 3669 | Communications Equipment, Not Elsewhere Classified | 334290 | Other Communications Equipment Manufacturing |
| 3671 | Electron Tubes | 334419 | Other Electronic Component Manufacturing |
| 3672 | Printed Circuit Boards | 334412 | Bare Printed Circuit Board Manufacturing |
| 3674 | Semiconductors and Related Devices | 334413 | Semiconductor and Related Device Manufacturing |
| 3675 | Electronic Capacitors | 334416 | Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing |
| 3676 | Electronic Resistors | 334416 | Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing |
| 3677 | Electronic Coils, Transformers, and Other Inductors | 334416 | Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3678 | Electronic Connectors | 334417 | Electronic Connector Manufacturing |
| 3679 | Electronic Components, Not Elsewhere Classified | 334220 | Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing |
| | | 334310 | Audio and Video Equipment Manufacturing |
| | | 334418 | Printed Circuit Assembly (Electronic Assembly) Manufacturing |
| | | 334419 | Other Electronic Component Manufacturing |
| | | 334515 | Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals |
| 3691 | Storage Batteries | 335910 | Battery Manufacturing |
| 3692 | Primary Batteries, Dry and Wet | 33591 | Battery Manufacturing |
| 3694 | Electrical Equipment for Internal Combustion Engines | 336320 | Motor Vehicle Electrical and Electronic Equipment Manufacturing |
| 3695 | Magnetic and Optical Recording Media | 334610 | Manufacturing and Reproducing Magnetic and Optical Media |
| 3699 | Electrical Machinery, Equipment, and Supplies, Not Elsewhere | 333310 | Commercial and Service Industry Machinery Manufacturing |
| | | 333618 | Other Engine Equipment Manufacturing |
| | | 333992 | Welding and Soldering Equipment Manufacturing |
| | | 335139 | Electric Lamp Bulb and Other Lighting Equipment Manufacturing |
| | | 335999 | All Other Miscellaneous Electrical Equipment and Component Manufacturing |
| 3812 | Search, Detection, Navigation, Guidance, Aeronautical, and Nautical Systems and Instruments | 334511 | Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing |
| 3821 | Laboratory Apparatus and Furniture | 333248 | All Other Industrial Machinery Manufacturing |
| | | 333415 | Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing |
| | | 333994 | Industrial Process Furnace and Oven Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3821 | Laboratory Apparatus and Furniture | 333998 | All Other Miscellaneous General Purpose Machinery Manufacturing |
| | | 337127 | Institutional Furniture Manufacturing |
| | | 339113 | Surgical Appliance and Supplies Manufacturing |
| 3822 | Automatic Controls for Regulating Residential and Commercial Environments and Appliances | 334512 | Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use |
| 3823 | Industrial Instruments for Measurement, Display, and Control of Process Variables; and Related Products | 334513 | Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables |
| 3824 | Totalizing Fluid Meters and Counting Devices | 334514 | Totalizing Fluid Meter and Counting Device Manufacturing |
| 3825 | Instruments for Measuring and Testing of Electricity and Electrical Signals | 334514 | Totalizing Fluid Meter and Counting Device Manufacturing |
| | | 334515 | Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals |
| 3826 | Laboratory Analytical Instruments | 334516 | Analytical Laboratory Instrument Manufacturing |
| 3827 | Optical Instruments and Lenses | 333310 | Commercial and Service Industry Machinery Manufacturing |
| 3829 | Measuring and Controlling Devices, Not Elsewhere Classified | 334514 | Totalizing Fluid Meter and Counting Device Manufacturing |
| | | 334519 | Other Measuring and Controlling Device Manufacturing |
| | | 339112 | Surgical and Medical Instrument Manufacturing |
| 3841 | Surgical and Medical Instruments and Apparatus | 332994 | Small Arms, Ordnance, and Ordnance Accessories Manufacturing |
| | | 333248 | All Other Industrial Machinery Manufacturing |
| | | 333415 | Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing |
| | | 333994 | Industrial Process Furnace and Oven Manufacturing |

| SIC Code | SIC Code Description | 2022 NAICS Code | NAICS Code Description |
|---|---|---|---|
| 3841 | Surgical and Medical Instruments and Apparatus | 333998 | All Other Miscellaneous General Purpose Machinery Manufacturing |
| | | 337127 | Institutional Furniture Manufacturing |
| | | 339112 | Surgical and Medical Instrument Manufacturing |
| | | 339113 | Surgical Appliance and Supplies Manufacturing |
| 3842 | Orthopedic, Prosthetic, and Surgical Appliances and Supplies | 322291 | Sanitary Paper Product Manufacturing |
| | | 334510 | Electromedical and Electrotherapeutic Apparatus Manufacturing |
| | | 339113 | Surgical Appliance and Supplies Manufacturing |
| | | 339999 | All Other Miscellaneous Manufacturing |
| 3843 | Dental Equipment and Supplies | 339114 | Dental Equipment and Supplies Manufacturing |
| 3844 | X-Ray Apparatus and Tubes and Related Irradiation Apparatus | 334517 | Irradiation Apparatus Manufacturing |
| 3845 | Electromedical and Electrotherapeutic Apparatus | 334510 | Electromedical and Electrotherapeutic Apparatus Manufacturing |
| | | 334517 | Irradiation Apparatus Manufacturing |
| 3851 | Ophthalmic Goods | 339113 | Surgical Appliance and Supplies Manufacturing |
| | | 339115 | Ophthalmic Goods Manufacturing |
| 3861 | Photographic Equipment and Supplies | 325992 | Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing |
| | | 333310 | Commercial and Service Industry Machinery Manufacturing |
| 3873 | Watches, Clocks, Clockwork Operated Devices, and Parts | 334519 | Other Measuring and Controlling Device Manufacturing |

**SECTOR AD: MISCELLANEOUS INDUSTRIAL ACTIVITIES**

*Activity Codes and Description of Industry*

Limited to facilities that are designated by the Executive Director as needing a permit to control pollution related to stormwater discharges and that do not meet the description of an industrial activity covered by Sectors A-AC.

A. Procedures for Obtaining Permit Coverage

1. Except as described in Section IX.B.(2) below, facilities eligible for coverage under the general permit would apply for coverage through submission of an NOI to the Executive Director. Facilities seeking to obtain an exclusion from permit requirements based on a condition of no exposure would notify TCEQ through submission of an NEC to the Executive Director. NOTE: An NEC is effectively an alternate NOI for facilities eligible to claim a no-exposure exclusion.
2. The NOI or NEC must be signed in accordance with 30 TAC §305.44 (relating to Signatories to Application). Electronic submittal of NOIs or NECs through TCEQ's STEERs system is required, and coverage begins immediately upon receiving electronic notification from TCEQ. If the applicant requests and obtains a waiver from electronic reporting, then paper applications may be submitted, in which case, provisional authorization to discharge would begin 48 hours after a completed NOI or NEC is postmarked for delivery to the TCEQ.
3. Designation of Permit Coverage (Automatic Authorization):
    a. The following facilities are designated by TCEQ as requiring coverage under the MSGP, but are not required to submit an NOI for coverage, provided that certain conditions are met:
        (1) Facilities that are regulated based on their primary SIC code or Industrial Activity Code, and that occur completely within a residential home, a shopping mall, or an office building, and that have no exposure of any regulated activity to stormwater;
        (2) Publishing and designing companies that do not perform printing activities and that have no exposure of any regulated activity to stormwater; and
        (3) General warehousing and storage facilities described by SIC Code 4225 that have no exposure of industrial activity to stormwater, and that have no areas used for vehicle and equipment maintenance activities, vehicle and equipment rehabilitation, mechanical repairs, painting, fueling and lubrication, and cleaning.
    b. The above-referenced facilities will be notified of their coverage under the general permit as part of the public notice for the general permit, which is appropriate based on EPA rules at 40 CFR §122.28(b)(2)(vi), relating to General Permits. These designated facilities are not required to submit an NOI for coverage, but must meet the following permit requirements:
        (1) Maintain a condition which ensures that there is no exposure of industrial activities to stormwater; and
        (2) Comply with the Standard Permit Conditions, except that references to the submittal of an NOI are not applicable.

The facility operator must apply for coverage if any of the above requirements are not met. If the TCEQ determines that additional controls are required other than those listed above, or that there is a concern regarding the discharge of elevated levels of pollutants, then the TCEQ may require a facility operator to meet all permit conditions and obtain coverage through submittal of an NOI or an individual permit application. This permit condition is appropriate for the designated facilities because they typically operate in such a way that industrial materials are not exposed to stormwater, and stormwater discharges are not expected to contain pollutants of concern. However, the Executive Director also recognizes that activities may occur at the site that do cause a water quality concern, and an NOI or an individual permit application may be required at any time.

4. Review of Application: Following an administrative review of an NOI or NEC, the Executive Director will either confirm coverage (or conditional exclusion, as applicable) by providing a notification and an authorization number to the applicant or will deny coverage. If coverage is denied, then the operator must either submit an application for an individual permit or obtain coverage under an alternative general permit, if available. Submittal of the NOI or NEC is an acknowledgment by the applicant that the general permit applies to the proposed discharges and that the applicant agrees to comply with the terms of the permit.
5. Deadlines for Obtaining Coverage:
   a. Existing Facilities: Facilities that have coverage under the existing TPDES MSGP must re-apply within 90 days of the permit effective date to maintain continued coverage under the renewed general permit and to retain the existing authorization number.

      Existing facilities that were not provisionally authorized by the existing TPDES MSGP must apply immediately.

      Existing facilities that do not submit NOIs or NECs within 90 days of permit issuance will automatically have their authorizations cancelled. Any applications submitted electronically, or on paper with an electronic reporting waiver, after the deadline will be processed as new applications, and a new authorization number will be assigned.

   b. New Facilities: Facilities which are new or which were not previously authorized under the existing MSGP must submit an NOI (or an NEC, if applicable) prior to the initiation of industrial activity that could result in a discharge of regulated stormwater runoff.
6. Information to be Submitted on an NOI or NEC application:

   The NOI application requires, at a minimum, the following information:

   a. Operator Information: legal name and contact information
   b. Site Information:
      (1) Location (name, address, county, latitude / longitude).

(2) Location of outfalls.

(3) A determination of whether the site is located on Indian Land.

(4) The name of the receiving water(s).

(5) The name of the MS4 operator, if the discharge is first to an MS4.

(6) Appropriate certification statement (for NOIs, a certification statement that a SWP3 has been developed and implemented according to the provisions of the permit; and for NECs, a certification that the facility meets a condition of no exposure as required in the MSGP).

(7) The primary SIC code and any other SIC code(s) or Industrial Activity Code(s) that describe additional activities that are identified in the permit as requiring permit coverage.

(8) Industrial activities of the facility that are subject to federal effluent limitations guidelines.

(9) The industrial sector(s) of the general permit that applies to the facility.

(10) If discharging a pollutant of concern to an impaired waterbody.

(11) If applicable, waiver criteria from sampling for hazardous metals are updated and met.

(12) Status of the facility (active or inactive and unstaffed).

c. An original signature, signed according to 30 TAC §305.44 (relating to Signatories to Application).

B. Terminating Permit Coverage

A permittee may terminate coverage under the general permit or may terminate a no exposure authorization by submitting a notice of termination (NOT) to the Executive Director. The NOT must be signed in accordance with 30 TAC §305.44 (relating to Signatories to Application). Authorization to discharge terminates immediately following confirmation of receipt of the electronic NOT by the TCEQ. If the permittee has obtained a waiver from electronic reporting and a paper NOT is submitted, authorization to discharge terminates at midnight on the day that an NOT is postmarked for delivery to the TCEQ. An NOT must be submitted within ten (10) days after the potential to discharge stormwater associated with industrial activity has ceased or the operator obtains coverage under an individual permit or alternative general permit. See the following paragraph for a discussion on no exposure and see paragraph D. below for information on how to process a transfer of operational control.

Changing Condition Related to Exposure: An NOT must also be submitted in order to terminate coverage or to terminate a conditional exclusion based on no exposure. If a facility changes operations such that a condition of no exposure is obtained, then the permittee must submit an NOT to terminate the original NOI before submitting an NEC. If a facility which changes conditions such that a condition of no exposure no longer exists, the permittee must submit an NOT to terminate the conditional exclusion and must obtain coverage before discharge occurs.

C. Transfer of Permit Coverage

Permit coverage may not be transferred. When a new operator assumes responsibility for a facility, a new NOI must be submitted at least ten (10) days before taking operational control of the facility. The previous owner or operator must terminate permit coverage within ten (10) days prior to the transfer of ownership or responsibility. This timeframe is required by 30 TAC §205.4(h).

D. Public Involvement

Information on the ability for the public to participate in the development and issuance of the MSGP is discussed in Part XIII of this fact sheet, *Procedures for Final Decision*.

In general, coverage is considered nonprovisional upon submittal of an application or upon meeting requirements to obtain authorization in the instances where no application is required. Because MSGP authorizations are acted on by the Executive Director of the TCEQ, a person who does not agree with the action may file a motion to overturn the authorization, or decision, within 23 days after the application is deemed approved (See 30 TAC §50.139, related to Motion to Overturn Executive Director's Decision). In addition, any interested person may petition the Executive Director to require a discharger authorized by a general permit to apply for and obtain an individual TPDES permit. (See 40 CFR §122.28(b)(3)(i), which was adopted by TCEQ at 30 TAC §205.7). Examples of factors that may require a discharger to obtain an individual permit include: noncompliance with the conditions of the general permit; a change in operations since the initial application was made so that the discharger is no longer appropriately controlled under the general permit; or the discharge(s) is a significant contributor of pollutants.

## X. Technology-Based Requirements

A. Stormwater Pollution Prevention Plan (SWP3)

The general permit continues the requirement to develop and implement a SWP3 to control discharges of contact stormwater and stormwater associated with industrial activities, in accordance with NPDES stormwater regulations at 40 CFR §122.26 (b)(14)(viii), and as adopted by reference in 30 TAC Chapter 281 (relating to Applications Processing).

A SWP3 is required to be prepared and implemented for each facility covered by this permit. However, the permit also provides for shared SWP3s for co-located facilities (e.g., tenants at an industrial complex or airport). The plan must identify potential sources of pollution that may reasonably be expected to affect the quality of the discharges. The plan must describe the BMPs that are used to reduce the pollutants in stormwater, ensure the implementation of these practices, and ensure compliance with the terms and conditions of the general permit. Permittees must implement the provisions of the SWP3 as a condition of the general permit.

The general permit also requires that the permittees amend the plan whenever there is a change in design, construction, operation, or maintenance that has a significant effect on the potential for the discharge of pollutants to water in the state, or if the SWP3 proves to be ineffective in eliminating or significantly minimizing pollutants from sources identified in the contents of the SWP3, or in otherwise achieving the general objectives of controlling pollutants in the stormwater discharges.

The general permit includes specific provisions which must be incorporated into a SWP3. These include, at a minimum, the following elements:

1. Establishing a pollution prevention team to oversee development and implementation of the stormwater pollution prevention plan;
2. Investigating and eliminating non-stormwater discharges that are not covered under the authority of the general permit or a separate individual permit;
3. Identifying potential pollutants and sources of pollution to stormwater runoff;
4. Establishing pollution prevention measures and controls, including good housekeeping measures and other BMPs;
5. Considering the management of runoff using BMPs such as structural controls and discharge minimization to protect the natural physical characteristics of receiving waters; and
6. Evaluating the effectiveness of the SWP3 through inspections.

B. Numeric Effluent Limitations

The draft general permit would continue the numeric effluent limitations of the current permit. The MSGP includes technology-based numeric effluent limitations for discharges subject to federally established guidelines delineated in the Code of Federal Regulations as well as technology-based numeric effluent limitations that are listed in state rules for hazardous metals. The technology-based numeric effluent limitations are as follows:

1. For All Discharges - Limitations for hazardous metals delineated at 30 TAC Chapter 319 (General Regulations Incorporated into Permits), Subchapter B (Hazardous Metals). A waiver from these effluent limits will continue to be available in the proposed MSGP for one (1) or more of the regulated metals if any of the following criteria are met:
   a. the permittee certifies that the regulated facility does not use a raw material, produce an intermediate product, or produce a final product that contains the hazardous metal(s) for which the waiver is being sought; or
   b. the permittee certifies that any raw materials, intermediate products, or final products that contain any hazardous metal(s) are never exposed to stormwater or runoff, except that final products are not considered to expose hazardous metals to stormwater or runoff if the final product is designed for outdoor use, unless it is a product that could be transported by stormwater runoff or unless the final product will be used as a material or intermediate product (similar to the considerations for "no exposure" described in Paragraph III.B.1. of this fact sheet); or
   c. the permittee collects a sample of the discharge from the facility, analyzes the sample for the hazardous metal(s) for which a waiver is being sought, and the results indicate that the metal(s) is/are not present in detectable levels based on the minimum analytical level (MAL).
2. For Industry-Specific Discharges Subject to Federal Categorical Effluent Limitations Guidelines (ELGs): Refer to Paragraphs IV.A.1.a through g of this fact sheet.

C. Benchmark Monitoring Requirements

The amended general permit continues a requirement from EPA's 1995 MSGP and TCEQ's 2001, 2006, 2011, 2016, 2021, and 2026 MSGP for certain industries to monitor for one or more specific pollutants that are generally associated with discharges from those industries. The results are then compared to a set of benchmark values to determine the relative effectiveness of the SWP3. The general permit retains this requirement as a method for evaluating the facility's SWP3.

1. Monitoring Frequency

   The general permit requires permittees to conduct semiannual benchmark monitoring throughout the permit term, and reported by March 31st of each year following the monitoring year. The general permit includes a waiver option, which had previously been available in the 2011, 2016, and 2021 MSGP as well as in each version of EPA's MSGP. Requiring benchmark sampling allows all facilities subject to benchmark monitoring to use the data collected to ascertain whether their BMPs are continuing to be effective, and also helps TCEQ determine whether longer term trends could be established.

   The general permit requires benchmark monitoring semiannually during the four (4) permit years following the permit effective date, and the general permit offers an opportunity for a facility operator to obtain a waiver from benchmark sampling. This waiver is available for sampling years 3 and 4 if annual average sampling results for the first two (2) permit years are less than the benchmark

levels. However, a waiver would not be available for any pollutant where the annual average result measured equal to or greater than the benchmark level.

2. Levels for Specific Pollutants

   The levels and parameters for benchmarks in the current 2021 MSGP are based on results of benchmark values submitted to the TCEQ in calendar years 2017 to 2019. The benchmark levels proposed in the draft 2026 MSGP are based on analysis of benchmark results submitted to TCEQ during calendar years 2022 to 2024.

   The results of the compiled data are described in Appendix A of this fact sheet. Based on the results, changes were made to the benchmark levels for the following pollutants: Phosphorous, Ammonia Nitrogen, Iron, Cyanide, Nitrate + Nitrite Nitrogen, and Zinc. The changes should provide permittees with benchmark levels that will be helpful in determining whether their BMPs are effectively reducing the level of pollutants in runoff associated with industrial activity, and how they compare with results of other dischargers.

   Explanation of Revisions to Benchmark Monitoring Levels:

   a. Levels for the following pollutants were lowered from the 2021 MSGP levels based on the results of the benchmark monitoring in years 2022 through 2024:

      - For Sector C:
        - Lowered Phosphorus from 1.25 milligrams per Liter (mg/L) to 0.78 mg/L.
      - For Sectors K and S
        - Lowered Ammonia Nitrogen from 1.7 mg/L to 1.0 mg/L
      - For Sectors C, E, F, G, H, L, M, N, O, Q, and AA:
        - Lowered Iron from 1.3 mg/L to 1.0 mg/L.
      - For Sector K:
        - Lowered Cyanide from 0.02 mg/L to 0.01 mg/L.
      - For Sectors C, G, J, U, and AA:
        - Lowered Nitrate+Nitrite Nitrogen from 0.68mg/L to 0.60 mg/L.
      - For Sectors A, C, F, G, N, Q, Y, and AA:
        - Lowered Zinc from 0.16 mg/L to 0.12 mg/L.

   b. There were no changes to the following pollutants, either because the original benchmark is appropriate to continue based on the fact that it is founded on data suggesting that the existing level is appropriate for stormwater runoff, or a sufficient number of sample points were not available to justify a change:

      - total aluminum, total antimony, total arsenic, total beryllium, biochemical oxygen demand (BOD), total cadmium, chemical oxygen demand, total copper, total lead, total manganese, total magnesium, total mercury, total nickel, total selenium, total silver, total suspended solids, turbidity, oil and grease, and pH.

## XI. Water Quality-Based Requirements

The Texas Surface Water Quality Standards (TSWQS) are located at 30 TAC Chapter 307, and state that "surface waters will not be toxic to man, or to terrestrial or aquatic life." The methodology outlined in the *Procedures to Implement the Texas Surface Water Quality Standards*, RG-194 (June 2010) is designed to ensure compliance with 30 TAC Chapter 307. Specifically, the methodology is designed to ensure that no source will be allowed to discharge any wastewater which: (1) results in instream aquatic toxicity; (2) causes a violation of an applicable narrative or numerical state water quality standard; (3) results in the endangerment of a drinking water supply; or (4) results in aquatic bioaccumulation which threatens human health.

TPDES permits contain technology-based effluent limits reflecting the best controls available. Where these technology-based permit limits do not protect water quality or the designated uses, additional conditions are included in the TPDES permits, which may include discharge limitations. State narrative and numerical water quality standards are used in conjunction with EPA criteria and other toxicity data bases to determine the adequacy of technology-based permit limits and the need for additional water-quality based controls.

TPDES stormwater permits generally do not contain numeric water-quality-based effluent limits (WQBELs). As stated in 30 TAC §307.8(e), controls on the quality of permitted stormwater discharges must be based on implementing BMPs or technology-based limits in combination with instream monitoring to assess standards attainment and to determine whether additional controls on stormwater are needed. Properly implemented BMPs should preclude adverse water quality impacts that would impair designated uses or violate water quality standards. It has been preliminarily determined that if permit requirements are properly implemented, no significant degradation is expected, and existing uses will be maintained and protected.

In certain situations, and to ensure that water quality standards are being met, the TCEQ may require an individual stormwater permit of any discharger otherwise eligible for coverage under the MSGP. Examples include: a history of substantive noncompliance with the MSGP, requirements of a TMDL and Implementation Plan, or other site-specific considerations.

## XII. Monitoring

Monitoring requirements are being continued from the existing permit based on TCEQ rules, TCEQ practice, EPA's existing NPDES MSGP, and best professional judgment (BPJ). Federal rules 40 CFR §122.44(i) require monitoring to be conducted for each pollutant limited in a permit to assure compliance with the permitted effluent limitations. The frequency of this monitoring may be established on a case-by-case basis, but must not be less than once per year.

The general permit continues the requirement to report annually all sampling results for discharges that are subject to categorical effluent limits at 40 CFR Subpart N. This is consistent with federal rules at 40 CFR §122.44(i)(3). The general permit continues the existing requirement to report all *violations* of non-categorical effluent limits (i.e., state-based limits) once per year, which is consistent with 40 CFR §122.44(i)(4). Results

of analyses would need to be submitted electronically using the online NetDMR system, and reported as described above.

## XIII. Procedures for Final Decision

The MOA between the EPA and TCEQ provides that EPA has no more than 90 days to comment, object, or make recommendations to the draft general permit before it is published in the *Texas Register*. According to 30 TAC Chapter 205, when the draft general permit is proposed, notice must be published, at a minimum, in at least one newspaper of statewide or regional circulation. The commission may also publish notice in additional newspapers of statewide or regional circulation. Mailed notice must also be provided to the following:

A. the county judge of the county or counties in which the discharges under the general permit could be located;

B. if applicable, state and federal agencies for which notice is required in 40 CFR §124.10(c);

C. persons on a relevant mailing list kept under 30 TAC §39.407, relating to Mailing Lists; and

D. any other person the Executive Director or chief clerk may elect to include.

After notice of the general permit is published in the *Texas Register* and the newspaper(s), the public will have 30 days to provide public comment on the proposed permit.

Any person, agency, or association may make a request for a public comment hearing on the proposed general permit to the Executive Director of the TCEQ before the end of the public comment period. A public comment hearing will be granted when the Executive Director or commission determines, on the basis of requests, that a significant degree of public interest in the draft general permit exists. A public comment hearing is intended for the taking of public comment, and is not a contested case proceeding under the Administrative Procedure Act. The Executive Director may call and conduct public meetings in response to public comment.

If the Executive Director calls a public meeting, the commission will give notice of the date, time, and place of the meeting, as required by commission rule. The Executive Director shall prepare a response to all significant public comments on the draft general permit raised during the public comment period. The Executive Director shall make the response available to the public. The general permit will then be filed with the commission to consider final authorization of the permit. The Executive Director's response to public comment shall be made available to the public and filed with the chief clerk at least ten (10) days before the commission acts on the general permit.

Once the draft permit is completed, it is sent to the Office of the Chief Clerk of the TCEQ. The notice is published in the *Texas Register*, and the draft permit is placed on the Commission's agenda. For additional information about this general permit, contact the Stormwater Permits Team at (512) 239-4671.

## XIV. Administrative Record

The following section is a list of the fact sheet citations to applicable statutory or regulatory provisions and appropriate supporting references.

A. 40 CFR and *Federal Register* Citations

40 CFR, including Parts 112, 122, 124, 127, 136, 257, 258, 262, 263, 264, 265, 270, and Subchapter N (Parts 400-471, including 40 CFR Parts 403, 411, 418, 419, 423, 429, 434, 435, 436, 437, 440, 443, 445, 449, and 450)

*Federal Register* dated June 12, 2006 (Volume 71, No. 112, Pages 33628-33639) Amendments to the NPDES Regulations for Storm Water Discharges Associated with Oil and Gas Exploration, Production, Processing, or Treatment Operations, or Transmission Facilities

B. Letters/ Memoranda/ Records of Communication for the 2026 TPDES MSGP

- Stormwater Stakeholder Meeting – November 6, 2024
- Public Meeting – December 15, 2025
- Water Quality Standards Review Memo – February 25, 2025
- TMDL Review Memo – March 10, 2025

C. Miscellaneous

1. TPDES Multi-Sector General Permit (MSGP) TXR050000, issued July 13, 2016, and effective August 14, 2016.

2. TPDES Multi-Sector General Permit (MSGP) TXR050000, issued on July 16, 2021, effective on August 21, 2021, and amended on May 1, 2025.

3. U.S Environmental Protection Agency's MSGP, TXR05F000, modified on September 29, 2021.

4. Addendum to Memorandum of Agreement Between Texas Commission of Environmental Quality and the U.S. Environmental Protection Agency, Region 6 Concerning the National Pollutant Discharge Elimination System, January 15, 2021.

5. Quality Criteria for Water (1986), EPA 440/5-86-001, May 1, 1986.

6. The State of Texas Water Quality Inventory, 13th Edition, Publication No. SFR-50, Texas Natural Resource Conservation Commission, December 1996.

7. Texas Surface Water Quality Standards - 30 TAC Sections 307.1-307.10, effective September 29, 2022, as approved by EPA Region 6.

8. *Procedures to Implement the Texas Surface Water Quality Standards,* Texas Commission on Environmental Quality, Publication RG-194, June 2010, as approved by EPA Region 6.

9. *Guidance Document for Establishing Monitoring Frequencies for Domestic and Industrial Wastewater Discharge Permits*, TCEQ Document No. 98-001.000-OWR-WQ, May 1998.

10. *General Guidance Industrial Permits for Stormwater Runoff Associated With Industrial Activity*, EPA Region 6, March 22, 1999.

11. TCEQ Rules, including: 30 TAC Chapters 39, 50, 60, 205, 213, 281, 305, 307, 309, 311, 319, 327, 330, 331, 332, and 335.

12. Standard Industrial Classification Manual, United States Office of Management and Budget, 1987.

13. 2024 Texas 303(d) List, Texas Commission on Environmental Quality, June 26, 2024 (approved by EPA on November 13, 2024).

14. 2024 Texas Integrated Report, Texas Commission on Environmental Quality, June 26, 2024 (approved by EPA on November 13, 2024).

15. *Development Document for Final Effluent Limitations Guidelines and Standards for the Landfills Point Source Category,* U.S. EPA Publication Number EPA-821-R-99-019, January 2000.

16. *Guidance Manual for Conditional No Exposure from Stormwater Permitting Based on 'No Exposure' of Industrial Activities to Stormwater,* U.S. EPA Office of Water, Publication Number EPA 833-B-00-001, June 2000.

17. *Conditional No-Exposure Exclusion for Stormwater Runoff: A Guide for Industries Operating under the TPDES Multi-Sector General Permit, TXR050000*, TCEQ Small Business and Environmental Assistance Division, Regulatory Guidance, RG-467, Revised November 2022.

18. *NPDES Stormwater Program Question and Answer Document, Volume 1*, U.S. EPA, 1993.

# Appendix A - Benchmark Sampling for the 2026 TPDES MSGP

## Methods Used to Evaluate Data

The benchmark monitoring information submitted by the permitted entities from 2022-2024 was compiled in a spreadsheet. The data were divided by industrial sectors, then further into individual SIC codes or Industrial Activity Codes. If a benchmark result was reported as a zero or not detected (ND), the minimum analytical level (MAL) was entered as a result. If a benchmark result was reported as not sampled, not analyzed, or no qualifying rain event (NQRE), failed to sample was entered.

Data were analyzed by the type of pollutant for each group based on industry. Descriptive statistics were conducted for the following parameters: count, median, range, minimum and maximum values, standard error, standard deviation, kurtosis, skewness, quartiles, and outliers. Median was the parameter used for central tendency. The range or spread, skewness, kurtosis, quartiles, and outliers were examined to further understand data distribution. Data variability was described using standard error and standard deviation. Interquartile range was calculated and used for determining minor and major outliers (using a multiplier of 1.5 and 3 to the interquartile range, respectively). Outliers were not removed from the dataset. Additionally, these data were compared to the previous permit term data analysis to examine the consistency of data over time and to see if temporal trends in the data exist.

Changes to the benchmarks were determined by comparing median pollutant values to the 2021 benchmarks. Median values with a deviation of 40% or greater were considered for benchmark changes (see Table A.1). This 40% deviation is consistent with the standard used to determine noncompliance in permit effluent limitations.

## Summary of Results

Overall, data were not distributed normally, data were variable with outliers present. The ranges of most dataset's data were large, often due to extreme values (outliers). Distribution lacked symmetry. Statistical tests comparing permit years were not conducted, although data were graphed at both pollutant and sector level for better data visualization. There were no data submitted for six pollutants (antimony, beryllium, manganese, nickel, oil and grease, and turbidity).

Of the 25 benchmark pollutants, changes were proposed for the following (see Table A.2).

1. For Sector C:
    - Lowered Phosphorus from 1.25 milligrams per Liter (mg/L) to 0.78 mg/L.
2. For Sectors K and S
    - Lowered Ammonia Nitrogen from 1.7 mg/L to 1.0 mg/L
3. For Sectors C, E, F, G, H, L, M, N, O, Q, and AA:
    - Lowered Iron from 1.3 mg/L to 1.0 mg/L.

4. For Sector K:
    - Lowered Cyanide from 0.02 mg/L to 0.01 mg/L.
5. For Sectors C, G, J, U, and AA:
    - Lowered Nitrate+Nitrite Nitrogen from 0.68mg/L to 0.60 mg/L.
6. For Sectors A, C, F, G, N, Q, Y, and AA:
    - Lowered Zinc from 0.16 mg/L to 0.12 mg/L.

A summary of data for each pollutant by industry sector and SIC code is provided in Table A.3.

**Table A.1.** Comparisons in percent differences between 2021 benchmarks, 2026 medians, and the percent difference in 2026 median to 2021 benchmark.

| Pollutant Type | 2021 Benchmark | 2026 Median | Median-Benchmark % Difference |
|---|---|---|---|
| Aluminum, total | 1.2 mg/L | 0.6354 | -44.1 |
| Ammonia-Nitrogen | 1.7 mg/L | 0.13425 | -92.1 |
| Antimony, total* | 0.636 mg/L | - | - |
| Arsenic, total[2] | 0.01 mg/L | 0.005025 | -49.8 |
| Beryllium, total* | 0.13 mg/L | - | - |
| BOD5 | 15.0 mg/L | 6.075 | -59.5 |
| Cadmium, total | 0.001 mg/L | 0.001 | 0.00 |
| COD | 60.0 mg/L | 51.625 | -14.0 |
| Copper, total | 0.03 mg/L | 0.03 | 0.00 |
| Cyanide, total | 0.02 mg/L | 0.003 | -85.0 |
| Iron, total | 1.3 mg/L | 0.82 | -36.92 |
| Lead, total | 0.01 mg/L | 0.005 | -50.0 |
| Magnesium, total | 1.4 mg/L | 2.46 | -62.1 |
| Manganese, total* | 1.0 mg/L | - | - |
| Mercury, total[2] | 0.0002 mg/L | 0.00007575 | -62.1 |
| Nickel, total* | 1.417 mg/L | - | - |
| Nitrate + Nitrite Nitrogen | 0.68 mg/L | 0.561 | -17.5 |
| Oil & Grease* | 10.0 mg/L | - | - |
| Phosphorus | 1.25 mg/L | 0.321 | -74.3 |
| pH | 6.0-9.0 S.U. | 7.75 | -13.8-29.1 |
| Selenium, total[2] | 0.01 mg/L | 0.002615 | -73.9 |
| Silver, total[2] | 0.002 mg/L | 0.000354 | -82.3 |
| TSS[1] | 100.0 mg/L | 36.5 | -63.5 |
| TSS[1] | 50.0 mg/L | 38.02 | -24 |
| Turbidity* | 5 NTU | - | - |
| Zinc, total | 0.16 mg/L | 0.118475 | -26.0 |

*No data were collected

1 The TSS benchmark is 50 mg/L for portions of Sectors C (2812-2819 and 2873-2879), E (3251-3259 and 3271-3275), F (321-3325) and U, and for all SIC codes in Sectors A (except SIC 2434), D, H, J, O, Q, and AA in the 2026 MSGP.

2 Sector G has different mg/L benchmark values (arsenic = 0.17 mg/L, mercury = 0.0019 mg/L, selenium = 0.05 mg/L, and silver = 0.0318 mg/L for waste, rock, and overburden piles.)

**Table A.2**. Multi-Sector General Permit changes to the 2021 benchmarks for the 2026 permit (bolded rows indicate change).

| Pollutant | 2021 Benchmark Level | 2021 Sectors Required to Monitor | 2026 Proposed Level and Sectors to Monitor (Justification of Change) |
|---|---|---|---|
| Aluminum, total | 1.2 mg/L | C, E, F, H, M, N, Q, AA | 1.2 mg/L (no change in benchmark) |
| **Ammonia-Nitrogen** | **1.7 mg/L** | **K, S** | **1.0 mg/L (Lowered to 1.0 mg/L which is above the median value for the pollutant)** |
| Antimony, total | 0.636 mg/L | G | 0.636 mg/L (no change in benchmark) |
| Arsenic, total | 0.01* mg/L | A, G, K | 0.01 mg/L (no change in benchmark) |
| Beryllium, total | 0.13 mg/L | G | 0.13 mg/L (no change in benchmark) |
| BOD5 | 15mg/L | T | 15 mg/L (no change in benchmark) |
| Cadmium, total* | 0.001 mg/L | G, K | 0.001 mg/L (no change in benchmark) |
| COD, total | 60 mg/L | A, B, G, K, N, S, U, AD | 60 mg/L (no change in benchmark) |
| Copper, total | 0.03 mg/L | A, F, G, N | 0.03 mg/L (no change in benchmark) |
| **Cyanide, total** | **0.02 mg/L** | **K** | **0.01 mg/L (Lowered to 0.01 mg/L which is above the median.)** |
| **Iron, total** | **1.3 mg/L** | **C, E, F, G, H, L, M, N, O, Q, AA** | **1.0 mg/L (Lowered to 1.0 mg/L which is above the median)** |
| Lead, total | 0.01 mg/L | C, G, K, M, N, Q | 0.01 mg/L (no change in benchmark) |
| Magnesium, total | 1.4 mg/L | K | 1.4 mg/L (no change in benchmark) |
| Manganese, total | 1 mg/L | G | 1 mg/L (no change in benchmark) |
| Mercury, total* | 0.0002 mg/L | G, K | 0.0002 mg/L (no change in benchmark) |
| Nickel, total | 1.417 mg/L | G | 1.417 mg/L (no change in benchmark) |
| **Nitrate +Nitrite Nitrogen** | **0.68 mg/L** | **C, G, J, U, AA** | **0.60 mg/L (Lowered to 0.60mg/L which is above the median)** |
| Oil & Grease | 10 mg/L | AD | 10 mg/L (no change in benchmark) |
| Phosphorous | 1.25 mg/L | C | 1.25 mg/L (no change in benchmark) |
| pH | 6.0-9.0 S.U. | E,G, J, S, AD | 6.0-9.0 S.U. (no change in benchmark) |
| Selenium, total | 0.01* mg/L | G, K | 0.01 mg/L (no change in benchmark) |
| Silver, total | 0.002* mg/L | G, K | 0.002 mg/L (no change in benchmark) |
| TSS | 50 mg/L | A, C, D, E, F, H, J, O, Q, U, AA | 50 mg/L (no change in benchmark) |
| TSS | 100 mg/L | E, F, G, L, M, N, AD | 50 mg/L (no change in benchmark) |
| Turbidity | 5 NTU | G | 5 NTU (no change in benchmark) |
| **Zinc, total** | **0.16 mg/L** | **A, C, F, G, N, Q, Y, AA** | **0.12 mg/L (Lowered to 0.12mg/L which is above the median)** |

*Sector G has different mg/L benchmark values (arsenic = 0.17, mercury = 0.0019, selenium = 0.05, and silver = 0.0318)

**Table A.3**. Summary of benchmark monitoring data from 2022-2024 for each pollutant, sector, and SIC code.

| Pollutant | Sector | SIC | Total Samples | Median (mg/L) | Current (2021) MSGP Benchmark (mg/L) | Median-Benchmark % Difference (mg/L) |
|---|---|---|---|---|---|---|
| **Aluminum, total** | C | 2812-2819 | 178 | 0.52875 | 1.2 | -55.9 |
| | E | 3251-3259 | 17 | 0.78 | 1.2 | -35.0 |
| | E | 3262-3269 | 2 | 0.2394 | 1.2 | -80.1 |
| | F | 3312-3317 | 97 | 0.832 | 1.2 | -30.7 |
| | F | 3321-3325 | 51 | 0.4505 | 1.2 | -62.5 |
| | H | 1221-1241 | 14 | 0.442 | 1.2 | -63.2 |
| | M | 5015 | 193 | 0.691 | 1.2 | -42.4 |
| | N | 5093 | 559 | 1.55 | 1.2 | 29.2 |
| | Q | 4412-4499 | 114 | 0.6008 | 1.2 | -49.9 |
| | AA | SIC 3411-3499 (except 3479), and 3911-3915 | 841 | 0.67 | 1.2 | -44.2 |
| | Median of all samples | | Total=2066 | 0.6354 | 1.2 | -44.1 |
| **Ammonia-Nitrogen** | K | HZ | 34 | 0.179 | 1.7 | -89.5 |
| | S | 4512-4581 | 4 | 0.0895 | 1.7 | -94.7 |
| | Median of all samples | | Total= 38 | 0.13425 | 1.7 | -92.1 |
| **Arsenic, total** | A | 2491 | 39 | 0.007 | 0.01 | -30.0 |
| | G | 1011-1099 | 0 | - | - | |
| | K | HZ | 38 | 0.00305 | 0.01 | -69.5 |
| | Median of all samples | | Total= 77 | 0.005025 | 0.01 | -49.8 |
| **BOD5** | T | TW | 564 | 6.075 | 15.0 | -59.5 |
| | Median of all samples | | Total= 564 | 6.075 | 15.0 | -59.5 |
| **Cadmium, total** | G | 1011-1099 | 0 | - | 0.001 | - |
| | K | HZ | 36 | 0.001 | 0.001 | 0 |
| | Median of all samples | | Total= 36 | 0.001 | 0.001 | 0 |
| **COD** | A | 2421 | 90 | 58.85 | 60.0 | -1.9 |
| | | 2426, 2429, 2431-2439 (except 2434), 2441, 2448, 2449, 2451, 2452, 2493, and 2499 | 187 | 54.33 | 60.0 | -9.5 |
| | B | 2631 | 14 | 39.6 | 60.0 | -34.0 |
| | G | 1021 | 0 | - | 60.0 | |

| Pollutant | Sector | SIC | Total Samples | Median (mg/L) | Current (2021) MSGP Benchmark (mg/L) | Median-Benchmark % Difference (mg/L) |
|---|---|---|---|---|---|---|
| | K | HZ | 60 | 28.25 | 60.0 | -52.9 |
| | N | 5093 | 590 | 50.8 | 60.0 | -15.3 |
| | S | 4512-4581 | 30 | 51.625 | 60.0 | -14.0 |
| | U | 2074-2079 | 31 | 61 | 60.0 | 1.7 |
| | Median of all samples | | Total= 1002 | 51.625 | 60.0 | -14.0 |
| **Copper, total** | A | 2491 | 43 | 0.037 | 0.03 | 23.3 |
| | F | 3321-3325 | 51 | 0.02 | 0.03 | -33.3 |
| | F | 3351-3357 | 89 | 0.03 | 0.03 | 0.0 |
| | F | 3363-3369 | 21 | 0.0239 | 0.03 | -20.3 |
| | G | 1011-1099 | 0 | - | 0.03 | |
| | N | 5093 | 583 | 0.03 | 0.03 | 0.0 |
| | Median of all samples | | Total= 787 | 0.03 | 0.03 | 0 |
| **Cyanide, total** | K | HZ | 28 | 0.003 | 0.02 | -85.0 |
| | Median of all samples | | Total= 28 | 0.003 | 0.02 | -85.0 |
| **Iron, total** | C | 2812-2819 | 195 | 0.609 | 1.3 | -53.2 |
| | C | 2873-2879 | 101 | 0.49 | 1.3 | -62.3 |
| | E | 3271-3275 | 147 | 0.865 | 1.3 | -33.5 |
| | F | 3321-3325 | 55 | 1.406 | 1.3 | 8.2 |
| | G | 1011-1099 | 0 | - | 1.3 | |
| | H | 1221-1241 | 13 | 0.82 | 1.3 | -36.9 |
| | L | LF | 265 | 1.495 | 1.3 | 15.0 |
| | M | 5015 | 198 | 0.627375 | 1.3 | -51.7 |
| | N | 5093 | 595 | 1.55 | 1.3 | 19.2 |
| | O | SE | 144 | 0.7575 | 1.3 | -41.7 |
| | Q | 4412-4499 | 113 | 1.097 | 1.3 | -15.6 |
| | AA | SIC 3411-3499 (except 3479), and 3911-3915 | 833 | 0.813 | 1.3 | -37.5 |
| | Median of all samples | | Total= 2659 | 0.82 | 1.3 | -36.92307692 |
| **Lead, total** | C | 2873-2879 | 88 | 0.002465 | 0.01 | -75.4 |
| | G | 1011-1099 | 0 | - | 0.01 | |
| | K | HZ | 47 | 0.0036 | 0.01 | -64.0 |
| | M | 5015 | 197 | 0.01 | 0.01 | 0.0 |
| | N | 5093 | 552 | 0.013 | 0.01 | 30.0 |
| | Q | 4412-4499 | 111 | 0.005 | 0.01 | -50.0 |

| Pollutant | Sector | SIC | Total Samples | Median (mg/L) | Current (2021) MSGP Benchmark (mg/L) | Median-Benchmark % Difference (mg/L) |
|---|---|---|---|---|---|---|
| | Median of all samples | | Total= 995 | 0.005 | 0.01 | -50.0 |
| **Manganese, total** | G | 1011-1099 | 0 | - | 1.0 | - |
| | Median of all samples | | 0 | - | 1.0 | - |
| **Magnesium, total** | K | HZ | 60 | 2.46 | 1.4 | -62.1 |
| | Median of all samples | | Total= 60 | 2.46 | 1.4 | -62.1 |
| **Mercury, total** | G | 1011-1099 | 0 | - | 0.0019 | |
| | K | HZ | 33 | 0.00007575 | 0.0002 | -62.1 |
| | Median of all samples | | Total= 45 | 0.00007575 | 0.0002 | -62.1 |
| **Nickel, total** | G | 1011-1099 | 0 | - | 1.417 | - |
| | Median of all samples | | Total= 0 | - | 1.417 | - |
| **Nitrate + Nitrite Nitrogen** | C | 2812-2819 | 175 | 0.57 | 0.68 | -16.2 |
| | C | 2841-2844 | 47 | 0.585 | 0.68 | -14.0 |
| | C | 2873-2879 | 93 | 0.62 | 0.68 | -8.8 |
| | G | 1021 | | | 0.68 | |
| | J | 1442 and 1446 | 179 | 0.24 | 0.68 | -64.7 |
| | U | 2074-2079 | 34 | 0.2921 | 0.68 | -57.0 |
| | AA | SIC 3411-3499 (except 3479), and 3911-3915 | 843 | 0.561 | 0.68 | -17.5 |
| | AA | 3479 | 200 | 0.48 | 0.68 | -29.4 |
| | Median of all samples | | Total= 1571 | 0.561 | 0.68 | -17.5 |
| **Phosphorus, total** | C | 2873-2879 | 103 | 0.321 | 1.25 | -74.3 |
| | Median of all samples | | Total = 103 | 0.321 | 1.25 | -74.3 |
| **pH** | E | 3251-3259 | 28 | 7.55 | 6.0-9.0 | -16.1-25.8 |
| | E | 3271-3275 | 78 | 7.8 | 6.0-9.0 | -13.3-30.0 |
| | G | 1011-1099 | 0 | - | 6.0-9.0 | - |
| | J | 1411, 1422-1429, and 1481 | 77 | 7.9 | 6.0-9.0 | -12.2-31.6 |
| | S | 4512-4581 | 1 | 7.7 | 6.0-9.0 | -14.4-28.3 |
| | Median of all samples | | Total = 184 | 7.75 | 6.0-9.0 | -13.8-29.1 |
| **Selenium, total** | G | 1011-1099 | 0 | - | 0.05 | - |
| | K | HZ | 30 | 0.002615 | 0.01 | -73.9 |
| | Median of all samples | | Total= 30 | 0.002615 | 0.01 | -73.9 |

| Pollutant | Sector | SIC | Total Samples | Median (mg/L) | Current (2021) MSGP Benchmark (mg/L) | Median-Benchmark % Difference (mg/L) |
|---|---|---|---|---|---|---|
| **Silver, total** | G | 1011-1099 | 0 | - | 0.0318 | - |
| | K | HZ | 29 | 0.000354 | 0.002 | -82.3 |
| | Median of all samples | | Total = 29 | 0.000354 | 0.002 | -82.3 |
| **TSS** | A | 2411 | 25 | 19 | 50 | -62.0 |
| | A | 2421 | 96 | 38.02 | 50 | -24.0 |
| | A | 2426, 2429, 2431-2439 (except 2434), 2441, 2448, 2449, 2451, 2452, 2493, and 2499 | 193 | 57.7 | 50 | 15.4 |
| | C | 2812-2819 | 197 | 35.5 | 50 | -29.0 |
| | C | 2873-2879 | 109 | 21.2 | 50 | -57.6 |
| | D | 2951 and 2952 | 150 | 36.875 | 50 | -26.3 |
| | E | 3251-3259 | 19 | 39.95 | 50 | -20.1 |
| | E | 3262-3269 | 2 | 20 | 100 | -80.0 |
| | E | 3271-3275 | 154 | 53.28 | 50 | 6.6 |
| | F | 3312-3317 | 91 | 50.5 | 100 | -49.5 |
| | F | 3321-3325 | 55 | 24.457 | 50 | -51.1 |
| | G | 1021 | | - | 100 | |
| | H | 1221-1241 | 14 | 21.3 | 50 | -57.4 |
| | J | 1411, 1422-1429, and 1481 | 104 | 87.1 | 50 | 74.2 |
| | J | 1442 and 1446 | 206 | 42 | 50 | -16.0 |
| | L | LF | 326 | 36.5 | 100 | -63.5 |
| | M | 5015 | 197 | 32.35 | 100 | -67.7 |
| | N | 5093 | 622 | 55.475 | 100 | -44.5 |
| | O | SE | 145 | 32 | 50 | -36.0 |
| | Q | 4412-4499 | 113 | 40.72 | 50 | -18.6 |
| | U | 2041-2048 | 126 | 90.325 | 50 | 80.7 |
| | U | 2074-2079 | 38 | 69.7625 | 50 | 39.5 |
| | AA | SIC 3411-3499 (except 3479), and 3911-3915 | 866 | 33.08 | 50 | -33.8 |
| | Median of all samples | | Total= 3848 | 37.4475 | 50.0 | -31.42 |
| **Turbidity** | G | 1011-1099 | 0 | - | 5 NTUs above background | - |

| Pollutant | Sector | SIC | Total Samples | Median (mg/L) | Current (2021) MSGP Benchmark (mg/L) | Median-Benchmark % Difference (mg/L) |
|---|---|---|---|---|---|---|
| | Median of all samples | | Total= 0 | - | 5 NTUs above background | - |
| **Zinc, total** | A | 2421 | 88 | 0.03235 | 0.16 | -79.8 |
| | C | 2821-2824 | 192 | 0.1075 | 0.16 | -32.8 |
| | C | 2841-2844 | 50 | 0.057 | 0.16 | -64.4 |
| | C | 2873-2879 | 94 | 0.0311 | 0.16 | -80.6 |
| | F | 3312-3317 | 96 | 0.131 | 0.16 | -18.1 |
| | F | 3321-3325 | 51 | 0.09 | 0.16 | -43.8 |
| | F | 3351-3357 | 94 | 0.12645 | 0.16 | -21.0 |
| | F | 3363-3369 | 28 | 0.13 | 0.16 | -18.8 |
| | G | 1011-1099 | 0 | - | 0.16 | |
| | N | 5093 | 615 | 0.127 | 0.16 | -20.6 |
| | Q | 4412-4499 | 119 | 0.052 | 0.16 | -67.5 |
| | Y | 3011 | 1 | 0.317 | 0.16 | 98.1 |
| | Y | 3021 | 0 | - | 0.16 | |
| | Y | 3052-3053 | 25 | 0.1405 | 0.16 | -12.2 |
| | Y | 3061 | 12 | 0.0935 | 0.16 | -41.6 |
| | Y | 3069 | 30 | 0.15776 | 0.16 | -1.4 |
| | AA | SIC 3411-3499 (except 3479), and 3911-3915 | 882 | 0.1105 | 0.16 | -30.9 |
| | AA | 3479 | 226 | 0.2085 | 0.16 | 30.3 |
| | Median of all samples | | Total= 2603 | 0.118475 | 0.16 | -26.0 |