



Industrial Stormwater Multi-Sector General Permit Application Instructions Industrial Activity (MNR050000)

Contents

Common questions ... 1
 Instructions 3
 Narrative activities 6
 SIC codes 6-11

On April 5, 2010, the Minnesota Pollution Control Agency’s (MPCA) Industrial Stormwater Multi-Sector General Permit became effective. The permit affects 29 sectors of industrial activity. It will also help to protect surface waters and groundwater through adaptive management.

Affected industrial facilities which have Narrative Activities or a Primary Standard Industrial Classification (SIC) code listed (starting on page six) in these instructions must fill out an application. This process will also help identify facilities that qualify for No Exposure exclusion.

What is stormwater?

Stormwater includes precipitation runoff, stormwater runoff, snowmelt runoff, and surface runoff and drainage. It is not industrial process wastewater.

What is the cost of applying for permit coverage?

The application fee is \$400. The annual permit fee is \$400. Permittees will receive an invoice in April each year, except those able to qualify for the No Exposure exclusion.

What is the No Exposure exclusion?

Facilities which can demonstrate facility product and material management that prevents stormwater contact and contamination may qualify for five-year conditional permit exclusion.

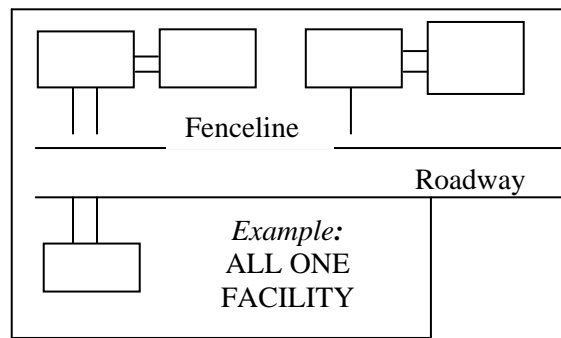
Once qualified, facilities are exempt from the annual fee, reports and monitoring requirements.

Do I have to complete a permit application?

Yes. The application helps potential permittees determine whether they need coverage or qualify for the No Exposure exclusion. If the facility falls into any of the Narrative Activities or if the facility’s Primary SIC code is listed (the list starts on page six), either permit coverage or certifying for No Exposure is required.

Do I need to apply for each location if I operate multiple facilities?

Yes. You are required to apply for this permit or certify a condition of No Exposure for each separate facility with a listed narrative activity or Primary SIC code. One facility means land that shares a common border and that has a stormwater discharge associated with industrial activity as defined by 40 CFR § 122.26(b)(14) with the discharge having a common owner/operator.



What if I have mobile industrial activities that need a National Pollutant Discharge Elimination System (NPDES)/State Disposal System (SDS) stormwater permit? Do I have to submit an application for each location of the mobile activities?

No. If a facility's "parent" company is required to obtain permit coverage, the mobile operations are covered under the parent facility's permit coverage.

It is required to create a section within the Stormwater Pollution Prevention Plan (SWPPP) for each of these activities fulfilling all requirements in part III and kept on-site where the activity is occurring. See the next question for more information about SWPPPs.

If a facility's mobile industrial activities are defined by SIC codes 1411, 1422, 1423, 1429, 1442, and/or 2951 you may receive stormwater permit authorization under permit MNG490000. MNG490000 does not require separate authorization for every location of mobile operations. If you wish to receive authorization under MNG490000, contact the Permit Administrative lead at 651-296-6300 or 800-657-3864 (in Minnesota only). Visit the Web site www.pca.state.mn.us/water/permits/sandgravel.html for forms guidance.

A Stormwater Pollution Prevention Plan must be completed before a facility can apply for authorization under this permit. What must be included in the SWPPP?

- facility map
- review of all significant materials and pollutants
- description of stormwater controls as required by part III and Part VII of the permit
- inspection records
- discharge monitoring locations have been evaluated for discharges other than stormwater
- a preventative maintenance program that has been developed for Best Management Practices (BMPs)
- a spill prevention and response procedure that has been developed
- an employee training program that has been developed and implemented
- a mercury minimization plan
- qualified personnel have been identified who are responsible for the implementation and management of the SWPPP
- all modifications of BMPs and any newly listed material or activities

For more information on SWPPP content, go to the MPCA Web site at www.pca.state.mn.us/water/stormwater/stormwater-i.html and visit "Step 5: Create SWPPP, choose BMPs."

Do municipalities, universities, military facilities, etc., have to apply as facilities that engage in Narrative Activities or SIC codes indicated in these instructions?

Yes. All municipally owned or operated industrial facilities are required to obtain permit coverage if they have an industrial activity as defined by 40 CFR 122.26 with a narrative description. If a narrative activity is located within the municipality's facility boundary, all other regulated industrial activities occurring at the within the facility boundary must be included within the application and described in the facility SWPPP. If within the facility boundary the activities are classified by primary SIC code 9199, all secondary SIC codes will not require permit coverage. If the municipality has an industrial activity which is separate from the municipality, generates its own revenue, and is primary at that location, the facility will need permit coverage. Military facilities, if having industrial activities pursuant to 40 CFR 122.26, will need permit coverage for any narrative activity or SIC code, regardless of whether classified by primary SIC code 9711.

Can I apply online for permit coverage or to certify for the No Exposure exclusion?

Yes. Permittees and those certifying for No Exposure can apply online, and get coverage faster. Go to: www.pca.state.mn.us/water/stormwater/stormwater-i.html. Look for the online application icon:



What materials do I need to gather before I apply?

Application materials differ for those who can certify for No Exposure or for those that need permit coverage. Review "Step 4: Gather application materials before applying" on the Web site: www.pca.state.mn.us/water/stormwater/stormwater-i.html for a list of materials needed before applying. There is a separate checklist for those who can certify for No Exposure versus those who need permit coverage.

Instructions for completing the permit application

Applicants may download a paper copy or apply online, located within the “Quick Links” of the program page: www.pca.state.mn.us/water/stormwater/stormwater-i.html. If selecting the Microsoft Word version, applicants can complete, save, and print the application.

Q1A: Select all applicable Narrative Activities from the list on page six of the instructions. If none are applicable, check “none of the above” and go to Q1B.

There are five categories of industrial activity that are defined by a narrative description in 40 CFR 122.26(b)(14). If your facility has any of the five categories of narrative activity, you must apply for permit coverage even if this is not your facility’s primary activity. Check as many of the Narrative Activity boxes as applicable. If none apply, check “none of the above” at the end of the list and continue to Q1B.

Q1B: What is your facility's Primary SIC code?

A facility must obtain permit coverage if it conducts any Narrative Activity *or* has a Primary SIC code in the list starting on page six. If your facility is primarily engaged in any of the activities for the SIC codes listed, write down that four-digit SIC code in the space provided. To search by keywords or to find detailed information about a specific SIC Code, visit: www.osha.gov/pls/imis/sicsearch.html.

Primary SIC Code is the SIC code associated with the industrial activity that generates the greatest revenue. If revenue data is not available, the owner/operator shall base the determination on the number of employees engaged in the industrial activity. If it is not possible to determine the primary SIC code using either of these two methods, the owner/operator shall base the determination on the SIC code with the greatest production. The industrial activity that generates the greatest revenue, employs the most personnel, or has the greatest production, is the industrial activity assigned the primary SIC code.

Q1C: List up to five additional authorized SIC codes from the instructions, if applicable.

If you listed a Primary SIC code in Q1B, look at all of the SIC codes starting on page six to see if any additional SIC codes are applicable at each facility. These SIC codes are considered “co-located” activities and are regulated by the Industrial Stormwater Multi-Sector General Permit. List up to five additional applicable SIC codes.

Q1D: If you listed SIC codes 2869, 4512, 4513, 4522, or 4581 in Q1B or Q1C, list the corresponding subsector.

These five SIC codes fall within more than one subsector. If the facility listed any of these SIC codes within Q1B or Q1C, list the subsector that correlates with that SIC code. For example: SIC Code 2869 - C7 or SIC code 4581 - S2.

Q2: Is this facility currently regulated by the MPCA? If yes, provide one Permit ID number or Hazardous Waste License number.

If the facility currently has a Hazardous Waste Generator ID number or other permit such as an Air Permit or Industrial Stormwater or Wastewater Permit issued by the MPCA, check the box and list one identification or permit number in the space provided. This information will help the MPCA with data accuracy. Visit the “What’s in My Neighborhood?” Web page: <http://www.pca.state.mn.us/WIMN/index.cfm> to help find existing facility information, including ID numbers.

Q3: Enter facility information.

Enter the facility name and full physical address/location where the actual industrial operations occur.

Q4: What is the total acreage of your industrial activities at your facility?

a	Total acres of facility
b	Total acreage of office buildings and parking lots, where no industrial activities are occurring
c	Total acreage of landscaped/natural acreage of areas where no industrial activities are occurring
d	Total acres of industrial activities (a-b-c=d)

Round to the nearest tenth of an acre. Example: 10.4 acres

Q5: In a few sentences, describe your industrial facility operations.

Describe the industrial activity at the facility using a few sentences. Only indicating the narrative activity or Primary SIC code is not enough.

Q6: Enter Facility Location Information.

Fill in the decimal latitude and longitude for the facility. Give the latitude and longitude of a point within the facility that is closest to the geographical center of the facility. To look up the latitude and longitude information electronically, use the <http://itouchmap.com/latlong.html> search tool.

Q7: Contact information

Enter the name, e-mail address, phone number, fax number and address (if different from facility information) of the owner of the facility/business, the facility operator, and the contact person. If a facility is leasing a building or land, this question pertains to the owner/operator of the industrial activity, not the land or building owner.

Q8A: No Exposure. Does the entire facility qualify for No Exposure?

Are any of the following materials or activities exposed to precipitation, now or in the foreseeable future?

Facilities that shelter all significant materials and activities from stormwater may be eligible for a five-year exclusion from the industrial stormwater permit's requirements. This exclusion is referred to as No Exposure Exclusion. See Step 2 of the "Steps to Compliance" for more

information: www.pca.state.mn.us/water/stormwater/stormwater-i.html.

Enter "yes" or "no" to the following questions:

- A. Using, storing or cleaning industrial machinery or equipment, and areas where residuals from using, storing or cleaning industrial machinery or equipment remain and are exposed to stormwater
Example: equipment or vehicle wash areas
- B. Materials or residuals on the ground or in stormwater inlets from spills or leaks
Example: vehicles needing repair, areas of hydraulic fluid/fuel spillage
- C. Materials or products from past industrial activity
Example: a new owner takes over a facility and the previous owner had industrial materials/products stored or managed outside
- D. Material handling equipment (except adequately maintained vehicles)
Example: leaking forklifts, trolleys, automated machinery
- E. Materials or products during loading or unloading or transporting activities
Example: totes, drums, raw materials needed for process (with the potential to have a release into stormwater), uncovered fueling activities
- F. Materials or products stored outdoors (except final products intended for outside use, where exposure to stormwater does not result in the discharge of pollutants)
Example: broken or contaminated pallets, salt, coal

- G. Materials contained in open, deteriorated or leaking storage drums, barrels, tanks and similar containers
Example: raw materials or intermediate products materials from process
- H. Materials or products handled or stored on roads or railways owned or maintained by the discharger
Example: stockpiles of materials, land applied by-product
- I. Waste materials (except waste in covered, non-leaking containers like a covered dumpster)
Example: oily rags, sawdust, spent equipment, containers of used oil
- J. Application or disposal of process wastewater (unless otherwise permitted) (If currently unpermitted, you must have an NPDES/SDS permit or authorization from your local wastewater treatment facility to continue this activity)
Example: land application
- K. Particulate matter or visible deposits of residuals from roof stacks and/or vents not otherwise regulated (i.e. under an Air Quality Permit) and evident in the stormwater outflow
Example: bag-house dust, smokestack residue, where the materials have fallen on the ground

If you answered "no" to **all** 11 questions, you can certify a condition of No Exposure. Continue to Q8B. If you answered "yes" to **any** of these 11 questions, you do not qualify for No Exposure. Skip Q8B and continue to Q9.

Q8B: No Exposure owner/operator certification

You must certify a condition of No Exposure with an authorized signature. Both owner and operator, if they are a different person, must sign. A principal executive officer, vice president, representative agent responsible for overall operations, general partner, or proprietor must sign the application. If the activity is being conducted by a unit of government (state, county, municipality, or township), the application for certification must be signed by a principal executive officer, ranking elected official, administrator, manager, coordinator, or engineers. (For additional information, see Minn. R. 7001.0060). After signing the certification, enter the name of the individual signing the application, title, and date of signature. Name and signature must match. Submit the application to the address below:

Minnesota Pollution Control Agency
Industrial Stormwater Permit Program
520 Lafayette Road North
St. Paul, MN 55155-4194

Answer these additional questions if you were unable to certify for No Exposure

Q9: Has a Stormwater Pollution Prevention Plan (SWPPP) been completed?

A Stormwater Pollution Prevention Plan must be created before applying. Be sure it contains the following:

- Facility map
- Review of all significant materials and pollutants
- Description of Stormwater Controls as required by part III and Part VII of the permit
- Inspection records
- Discharge monitoring locations have been evaluated for discharges other than stormwater
- A Preventative Maintenance Program that has been developed for BMPs
- A Spill Prevention and Response Procedure that has been developed
- An Employee Training Program that has been developed and implemented
- A Mercury Minimization Plan
- Qualified personnel have been identified who are responsible for the implementation and management of the SWPPP
- All modifications of BMPS and any newly listed material or activities

The SWPPP does not need to be submitted with the application; keep it at the facility. For more information on SWPPP content, go to the MPCA Web site at www.pca.state.mn.us/water/stormwater/stormwater-i.html and visit “Step 5: Create SWPPP, choose BMPs.”

Q10A: Does your stormwater discharges flow to a regulated Municipal Separate Storm Sewer System (MS4)?

A facility that has a stormwater discharge associated with industrial activity and directly discharges into any regulated MS4, list that regulated MS4. Also, these facilities must notify the operator of the first MS4 that receives this discharge of the existence of this industrial stormwater general permit authorization. Not sure if your facility’s discharge flows to a regulated MS4 collection system? Visit the MS4 Web page for more information about whether or not you discharge to a regulated MS4 collection system: www.pca.state.mn.us/water/stormwater/stormwater-ms4.html and click on these links:

- www.pca.state.mn.us/publications/wq-strm4-74.pdf
- www.pca.state.mn.us/publications/wq-strm4-76.pdf
- www.pca.state.mn.us/publications/wq-strm4-75.pdf

Q10B: Describe your stormwater (rain, snowmelt, and runoff) discharges.

Provide the name of surface water(s) and type of surface water(s) (e.g. Fen, Ditch, Lake, Lake Trout Lake, Pond, River, Stream, Trout Stream, or Wetland) that receive your industrial stormwater discharges from the facility. Indicate “Yes” or “No” if the facility has a monitoring location that flows to, and surface water is within one mile of, any of the facility’s monitoring location, if it is an Outstanding Resource Value Water or if it is an impaired water. One mile is defined as “as the crow flies.” Industrial stormwater could flow directly to that water, or through various conveyance systems like storm drains or ditches. Attach additional sheets if necessary.

- **ORVWs:** Appendix A of the Industrial Stormwater Multi-Sector General Permit, pages 169-171. For questions, contact the Water Quality Standards Unit at 651-296-6300 or 800-657-3864.
 - **Trout streams or trout lakes:** www.revisor.mn.gov/rules/?id=6264.0050, Subpart 2 and 4
 - **Wetlands:** www.revisor.mn.gov/rules/?id=7050.0186, 1a.B
- **Impaired waters:**
www.pca.state.mn.us/water/tmdl/tmdl-maps.html

Note: Only check “yes” if the impaired water is impaired for the facility’s required monitoring parameters (Part VII of the permit) or pollutant surrogates, listed on page 26 of the permit. For questions, contact the Municipal Stormwater Unit at 651-296-6300 or 800-657-3864.

Q11: Monitoring location information

List all Benchmark and Effluent Monitoring Locations. **A minimum of one monitoring location is required.** Benchmark Monitoring Locations should be located below the most down-gradient BMP from the source of industrial activity or significant material, but prior to discharging from the Permittee’s operational control. If applicable, Effluent Monitoring Locations should be located immediately below the most down-gradient BMP from the specific industrial activity that has a numeric effluent limit, but prior to where the discharge co-mingles with stormwater from other sources. Effluent monitoring requirements are included in Part VII of the permit’s sector-specific requirements. Indicate the following:

- description of the monitoring location (such as the northwest corner of the facility, near the road/driveway)
- latitude/longitude of each monitoring location

- subsector letter/number of Narrative Activities (such as O2) or the four-digit SIC code(s) associated with this monitoring location

Attach additional sheets as necessary.

Note: No monitoring location can contain more than one activity that has effluent monitoring requirements. Also, if your facility is choosing to have “representative monitoring” for either multiple monitoring locations or multiple industrial activities whose stormwater is co-mingling, list out only the monitoring locations where sampling is occurring, and provide all SIC codes and/or Narrative Activities for those locations. For more information about “representative monitoring” see Part V of the Permit: Benchmark Monitoring Requirements.

Q12: Application fee

The application requires a \$400 application fee. Indicate that the application fee has been enclosed by answering “Yes.” Please make checks payable to: “Minnesota Pollution Control Agency” and submit the check with the completed application. Applications received without the required fee will be returned to the sender.

Q13: Owner and operator certification

After completing this application, certify it with a signature from an individual authorized to sign the application. Minn. R. 7001.0060, subp. D requires that both owner and operator, if they are a different person, must sign. A principal executive officer, vice president, representative agent responsible for overall operations, general partner, or a proprietor must sign the application form. If the activity is being conducted by a unit of government (state, county, municipality, or township), the application must be signed by a principal executive officer or ranking elected official. (For additional information, see Minn. R. 7001.0060). After signing, enter the name of the individual signing the application, title, and date of signature. Name and signature must match. Submit the application to the address below:

Minnesota Pollution Control Agency
Industrial Stormwater Permit Program
520 Lafayette Road North
St. Paul, MN 55155-4194

Narrative Activities and Standard Industrial Classification (SIC) codes

Federal regulations require facilities with Narrative Activities and/or Primary SIC codes that fall under any of the eleven categories of industrial activity, defined at 40 CFR 122.26 (b)(14)(i)-(xi), except category (x), to obtain authorization to discharge industrial stormwater

or to certify a condition of No Exposure. Therefore, the facilities classified with the following Narrative Activities and/or SIC codes are required to obtain an NPDES stormwater permit or certify for No Exposure.

Narrative Activities list

- A4: Logging: discharges from wet decking storage areas
- C1: Stormwater runoff from phosphate fertilizer manufacturing that comes into contact with any raw materials/finished products/by-products/waste products
- D2: Stormwater runoff from asphalt emulsion facility
- E3: Cement manufacturing facility, material storage runoff
- J4: Mine dewatering discharges at construction sand and gravel, or industrial sand-mining facility (not from rock quarries)
- K1: Hazardous waste treatment/storage/disposal facility for discharges not subject to effluent limitations in 40 CFR pt. 445 subp. A
- K2: Hazardous waste treatment/storage/disposal facility for discharges subject to effluent limitations in 40 CFR pt. 445 subp. A
- L1: Municipal solid waste landfill areas closed in accordance with 40 CFR 258.60
- L2: Open or closed non-hazardous waste landfill and land application site not discharging to surface water
- L3: Landfill that discharges to surface waters stormwater that has directly contacted solid waste
- O1: Coal fired and oil fired steam electric generating facility
- O2: Nuclear, natural gas fired, and any other fuel source used for steam electric generation
- O3: Runoff from coal storage piles at steam electric generating facility
- T1: Treatment works with design flow of 1 million gallons per day or more or are required to have an approved pretreatment program under 40 CFR pt. 403

SIC Codes

Sector A: Timber products

- 2411 Logging
- 2421 Sawmills and planing mills-general
- 2426 Hardwood dimension and flooring mills
- 2429 Special products sawmills, NEC
- 2431 Millwork
- 2435 Hardwood veneer and plywood
- 2436 Softwood veneer and plywood
- 2439 Structural wood members, NEC
- 2441 Nailed and lock corner wood boxes and shooks
- 2448 Wood pallets and skids
- 2449 Wood containers, NEC

- 2451 Mobile homes
- 2452 Prefabricated wood buildings and components
- 2491 Wood preserving
- 2493 Reconstituted wood products
- 2499 Wood products, NEC

Sector B: Paper and allied products manufacturing

- 2611 Pulp mills
- 2621 Paper mills
- 2631 Paperboard mills
- 2652 Setup paperboard boxes
- 2653 Corrugated and solid fiber boxes
- 2655 Fiber cans, tubes, drums, and similar products
- 2656 Sanitary food containers (except folding)
- 2657 Folding paperboard boxes, including sanitary
- 2671 Packaging paper & plastics film (coated and laminated)
- 2672 Coated and laminated paper, NEC
- 2673 Plastics, foil and coated paper bags
- 2674 Uncoated paper and multiwall bags
- 2675 Die-cut paper, paperboard, and cardboard
- 2676 Sanitary paper products
- 2677 Envelopes
- 2678 Stationary, tablets, and related products
- 2679 Converted paper and paperboard products, NEC

Sector C: Chemical and allied products manufacturing

- 2812 Alkalies and chlorine
- 2813 Industrial gases
- 2816 Inorganic pigments
- 2819 Industrial inorganic pigments, NEC
- 2821 Plastic materials, synthetic resins and elastomers
- 2822 Synthetic rubber (vulcanizable elastomers)
- 2823 Cellulosic manmade fibers
- 2824 Manmade organic fibers, except cellulosic
- 2833 Medicinal chemicals and botanical products
- 2834 Pharmaceutical preparations
- 2835 In vitro and in vivo diagnostic substances
- 2836 Biological products (except diagnostic substances)
- 2841 Soap and other detergents, except specialty cleaning
- 2842 Specialty cleaning, polishing and sanitation preparations
- 2843 Surface active agents, finishing agents and sulfonated oils
- 2844 Perfumes, cosmetics and other toilet preparations
- 2851 Paints, varnishes, lacquers, enamels and allied products
- 2861 Gum and wood chemicals
- 2865 Cyclic organic crudes and intermediates and organic dyes
- 2869 Industrial organic chemicals, NEC
- 2873 Nitrogenous fertilizers
- 2874 Phosphatic fertilizers
- 2875 Fertilizers, mixing only
- 2879 Pesticides and agricultural chemicals, NEC
- 2891 Adhesives and sealants
- 2892 Explosives
- 2893 Printing ink
- 2895 Carbon black
- 2899 Chemicals and chemical preparations, NEC
- 3952 Lead pencils, crayons and artists' materials

Sector D: Asphalt paving and roofing materials and lubricant manufacturing

- 2951 Asphalt paving mixtures and blocks
- 2952 Asphalt felts and coatings
- 2992 Lubricating oils and greases
- 2999 Petroleum and coal products, NEC

Sector E: Glass, clay, cement, concrete, and gypsum products

- 3211 Flat glass
- 3221 Glass containers
- 3229 Pressed & blown glass and glassware
- 3231 Glass products, made of purchased glass
- 3241 Hydraulic cement
- 3251 Brick and structural clay tile
- 3253 Ceramic wall and floor tile
- 3255 Clay refractories
- 3259 Structural clay products, NEC
- 3261 Vitreous china plumbing fixtures and bathroom fittings
- 3262 Vitreous china table and kitchen articles
- 3263 Fine earthenware (whiteware) table and kitchen articles
- 3264 Porcelain electrical supplies
- 3269 Pottery products, NEC
- 3271 Concrete block and brick
- 3272 Concrete products, except block and brick
- 3273 Ready-mixed concrete
- 3274 Lime
- 3275 Gypsum products
- 3281 Cut stone and stone products
- 3291 Abrasive products
- 3295 Ground or otherwise treated minerals and earths
- 3296 Mineral wool
- 3297 Nonclay refractories
- 3299 Nonmetallic mineral products, NEC

Sector F: Primary metals

- 3312 Steel works, blast furnaces (including coke ovens) and rolling mills
- 3313 Electrometallurgical products, except steel
- 3315 Steel wiredrawing, nails, and spikes
- 3316 Cold-rolled steel sheet, strip and bars
- 3317 Steel pipe and tubes
- 3321 Gray and ductile iron foundries
- 3322 Malleable iron foundries
- 3324 Steel investment foundries
- 3325 Steel foundries, NEC
- 3331 Primary copper smelting and refining
- 3334 Primary aluminum production
- 3339 Primary nonferrous metals smelting and refining, NEC
- 3341 Secondary nonferrous metals smelting and refining
- 3351 Copper rolling, drawing and extruding
- 3353 Aluminum sheet, plate and foil
- 3354 Aluminum extruded products
- 3355 Aluminum rolling and drawing, NEC
- 3356 Nonferrous metals rolling, drawing, and extruding, NEC
- 3357 Nonferrous wire drawing and insulating
- 3363 Aluminum die-castings
- 3364 Nonferrous die-castings, except aluminum
- 3365 Aluminum foundries
- 3366 Copper foundries
- 3369 Nonferrous foundries, except aluminum and copper
- 3398 Metal heat treating
- 3399 Primary metal products, NEC

Sector G: Metal mining (ore mining and dressing)

- 1011 Iron ores
- 1021 Copper ores
- 1031 Lead and zinc ores
- 1041 Gold ores
- 1044 Silver ores
- 1061 Ferroalloy ores (except vanadium)
- 1081 Metal mining services

- 1094 Uranium-radium-vanadium ores
- 1099 Miscellaneous metal ores, not elsewhere classified, NEC

Sector H: Coal mines and coal mining-related facilities

- 1221 Bituminous coal and lignite surface mining
- 1222 Bituminous coal underground mining
- 1231 Anthracite mining
- 1241 Coal mining services

Sector I: Oil and gas extraction and refining

- 1311 Crude petroleum and natural gas
- 1321 Natural gas liquids
- 1381 Oil and gas well drilling
- 1382 Oil and gas field exploration services
- 1389 Oil and gas field services, NEC
- 2911 Petroleum refining

Sector J: Mineral mining and dressing

- 1411 Dimension stone
- 1422 Crushed and broken limestone
- 1423 Crushed and broken granite
- 1429 Crushed and broken stone, NEC
- 1442 Construction sand and gravel
- 1446 Industrial sand
- 1455 Kaolin and ball clay
- 1459 Clay, ceramic and refractory minerals, NEC
- 1474 Potash, soda and borate minerals
- 1475 Phosphate rock
- 1479 Chemical and fertilizer minerals mining, NEC
- 1481 Nonmetallic minerals services
- 1499 Miscellaneous nonmetallic minerals, except fuels

Sector K: Hazardous waste treatment, storage, or disposal facilities

See Narrative Activities list

Sector L: Landfills and land application sites

See Narrative Activities list

Sector M: Automobile salvage yards

- 5015 Used motor vehicle parts

Sector N: Scrap recycling and waste recycling facilities

- 5093 Scrap and waste materials

Sector O: Steam electric generating facilities

See Narrative Activities list

Sector P: Land transportation and warehousing

- 4011 Line-haul railroad operation
- 4013 Railroad switching and terminal establishments
- 4111 Local and suburban transit
- 4119 Local passenger transportation, NEC
- 4121 Taxicab service
- 4131 Intercity and rural bus transportation
- 4141 Local bus charter service
- 4142 Bus charter service, except local
- 4151 School bus operation
- 4173 Terminal and service facilities for passenger transportation
- 4212 Local trucking without storage
- 4213 Trucking, except local
- 4214 Local trucking with storage
- 4215 Courier service, except by air
- 4221 Farm product warehousing and storage
- 4222 Refrigerated warehousing and storage

- 4225 General warehousing and storage
- 4226 Special warehousing and storage, NEC
- 4231 Trucking terminal and maintenance facilities
- 4311 United States Postal Service
- 5171 Petroleum bulk stations and terminals

Sector Q: Water transportation

- 4412 Deep sea foreign freight transportation
- 4424 Deep sea domestic freight transportation
- 4432 Freight transportation on the Great Lakes/Saint Lawrence Seaway
- 4449 Water freight transportation, NEC
- 4481 Deep sea passenger transportation, NEC
- 4482 Ferry operation
- 4489 Water passenger operation, NEC
- 4491 Marine cargo handling
- 4492 Towing and tugboat services
- 4493 Marina operation
- 4499 Water transportation services, NEC

Sector R: Ship and boat building and repair yards

- 3731 Ship building and repairing
- 3732 Boat building and repairing

Sector S: Air transportation

- 4512 Scheduled air transportation
- 4513 Air courier services
- 4522 Nonscheduled air transportation
- 4581 Airports, flying fields, and airport terminal services

Sector T: Treatment Works

See Narrative Activities list

Sector U: Food and kindred products

- 2011 Meat packing plants
- 2013 Sausages and other prepared meat products
- 2015 Poultry slaughtering and processing
- 2021 Creamery butter
- 2022 Natural, processed and imitation cheese
- 2023 Dry, condensed and evaporated dairy products
- 2024 Ice cream and frozen desserts
- 2026 Fluid milk
- 2032 Canned specialties
- 2033 Canned fruits, vegetables, preserves, jams and jellies
- 2034 Dried & dehydrated fruits, vegetables and soup mix
- 2035 Pickled fruits & vegetables, sauces, seasonings, and salad dressings
- 2037 Frozen fruits, fruit juices, and vegetables
- 2038 Frozen specialties, NEC
- 2041 Flour and other grain mill products
- 2043 Cereal breakfast foods
- 2044 Rice milling
- 2045 Prepared flour mixes and dough's
- 2046 Wet corn milling
- 2047 Dog and cat food
- 2048 Prepared animal and fowl feeds (except dog and cat food)
- 2051 Bread and other bakery products (except cookies and crackers)
- 2052 Cookies and crackers
- 2053 Frozen bakery products (except bread)
- 2061 Cane sugar (except refining)
- 2062 Cane sugar refining
- 2063 Beet sugar
- 2064 Candy and other confectionary products
- 2066 Chocolate and other cocoa products

- 2067 Chewing gum
- 2068 Salted & roasted nuts and seeds
- 2074 Cottonseed oil mills
- 2075 Soybean oil mills
- 2076 Vegetable oil mills, except corn, cottonseed and soybean
- 2077 Animal & marine fats and oils
- 2079 Shortening, margarine, & other fats and oils, NEC
- 2082 Malt beverages
- 2083 Malt
- 2084 Wines, brandy and brandy spirits
- 2085 Distilled and blended liquors
- 2086 Bottled & canned soft drinks and carbonated waters
- 2087 Flavoring extracts and flavoring syrups, NEC
- 2091 Canned & cured fish and seafoods
- 2092 Prepared fresh or frozen fish and seafoods
- 2095 Roasted coffee
- 2096 Potato chips, corn chips, and similar snacks
- 2097 Manufactured ice
- 2098 Macaroni, spaghetti, vermicelli and noodles
- 2099 Food preparations, NEC
- 2111 Cigarettes
- 2121 Cigars
- 2131 Chewing & smoking tobacco and snuff
- 2141 Tobacco stemming and redrying

Sector V: Textile Mills, Apparel, and Other Fabric Products Manufacturing

- 2211 Broadwoven cotton mills
- 2221 Broadwoven manmade fiber and silk mills
- 2231 Broadwoven wool mills
- 2241 Narrow cotton, wool, silk, and manmade fiber mills
- 2251 Women's full-length and knee-length hosiery (except socks)
- 2252 Hosiery, NEC
- 2253 Knit outerwear mills
- 2254 Knit underwear and nightwear mills
- 2257 Weft knit fabric mills
- 2258 Lace and warp knit fabric mills
- 2259 Knitting mills, NEC
- 2261 Broadwoven cotton finishing plants
- 2262 Broadwoven manmade fiber and silk finishing plants
- 2269 Textile finishing plants, NEC
- 2273 Carpets and rugs
- 2281 Yarn spinning mills
- 2282 Yarn texturizing, throwing, twisting, and winding mills
- 2284 Thread mills
- 2295 Coated fabrics, not rubberized
- 2296 Tire cord and fabrics
- 2297 Nonwoven fabrics
- 2298 Cordage and twine
- 2299 Textile goods, NEC
- 2311 Men's and boys' suits, coats, and overcoats
- 2321 Men's and boys' shirts (except work shirts)
- 2322 Men's and boys' underwear and nightwear
- 2323 Men's and boys' neckwear
- 2325 Men's and boys' separate trousers and slacks
- 2326 Men's and boys' work clothing
- 2329 Men's and boys' clothing, NEC
- 2331 Women's, misses' & juniors' blouses and shirts
- 2335 Women's, misses' & juniors' dresses
- 2337 Women's, misses' & juniors' suits, skirts, and coats
- 2339 Women's, misses' & juniors' outerwear

- 2341 Women's, misses' children's, and infants' underwear and nightwear
- 2342 Brassieres, girdles and allied garments
- 2353 Hats, caps and millinery
- 2361 Girl's, children's & infants' dresses, blouses & shirts
- 2369 Girl's, children's & infants' outerwear, NEC
- 2371 Fur goods
- 2381 Dress and work gloves (except knit and all-leather)
- 2384 Robes and dressing gowns
- 2385 Waterproof outerwear
- 2386 Leather and sheep-lined clothing
- 2387 Apparel belts
- 2389 Apparel and accessories, NEC
- 2391 Curtains and draperies
- 2392 House furnishings (except curtains and draperies)
- 2393 Textile bags
- 2394 Canvas and related products
- 2395 Pleating, decorative and novelty stitching, tucking for the trade
- 2396 Automotive trimmings, apparel findings and related products
- 2397 Schiffli machine embroideries
- 2399 Fabricated textile products, NEC
- 3131 Boot & shoe cut stock and findings
- 3142 House slippers
- 3143 Men's footwear (except athletic)
- 3144 Women's footwear (except athletic)
- 3149 Footwear (except rubber), NEC
- 3151 Leather gloves and mittens
- 3161 Luggage
- 3171 Women's handbags and purses
- 3172 Personal leather goods (except women's handbags and purses)
- 3199 Leather goods, NEC

Sector W: Furniture and Fixtures

- 2434 Wood kitchen cabinets
- 2511 Wood household furniture (except upholstered)
- 2512 Upholstered wood household furniture
- 2514 Metal household furniture
- 2515 Mattresses, foundations, & convertible beds
- 2517 Wood TV, radio, phonograph and sewing machine cabinets
- 2519 Household furniture, NEC
- 2521 Wood office furniture
- 2522 Office furniture (except wood)
- 2531 Public building and related furniture
- 2541 Wood office & store fixtures, partitions, shelving and lockers
- 2542 Office & store fixtures, partitions and shelving (except wood)
- 2591 Drapery hardware, window blinds, and shades
- 2599 Furniture and fixtures, NEC

Sector X: Printing and Publishing

- 2711 Newspaper publishing or newspaper publishing and printing
- 2721 Periodical publishing or periodical publishing and printing
- 2731 Book publishing or book publishing and printing
- 2732 Book printing
- 2741 Miscellaneous publishing
- 2752 Commercial lithographic printing
- 2754 Commercial gravure printing
- 2759 Commercial printing, NEC
- 2761 Manifold business forms

- 2771 Greeting cards
- 2782 Blankbooks, looseleaf binders, and devices
- 2789 Bookbinding and related work
- 2791 Typesetting
- 2796 Platemaking and related services

Sector Y: Rubber, Miscellaneous Plastic Products, and Miscellaneous Manufacturing Industries

- 3011 Tires and inner tubes
- 3021 Rubber and plastic footwear
- 3052 Rubber, plastic hose, and belting
- 3053 Gaskets, packing and sealing devices
- 3061 Molded, extruded and lathe-cut mechanical rubber goods
- 3069 Fabricated rubber products, NEC
- 3081 Unsupported plastics film and sheet
- 3082 Unsupported plastics profile shapes
- 3083 Laminated plastics plate, sheet and profile shapes
- 3084 Plastics pipe
- 3085 Plastics bottles
- 3086 Plastics foam products
- 3087 Custom compounding of purchased plastics resins
- 3088 Plastics plumbing, fixtures
- 3089 Plastics products, NEC
- 3931 Musical instruments
- 3942 Dolls and stuffed toys
- 3944 Games, toys, and children's vehicles (except dolls and bicycles)
- 3949 Sporting and athletic goods, NEC
- 3951 Pens, mechanical pencils, and parts
- 3953 Marking devices
- 3955 Carbon paper and inked ribbons
- 3961 Costume jewelry and novelties (except precious metal)
- 3965 Fasteners, buttons, needles, and pins
- 3991 Brooms and brushes
- 3993 Signs and advertising specialties
- 3995 Burial caskets
- 3996 Linoleum and other hard surface floor coverings, NEC
- 3999 Manufacturing industries, NEC

Sector Z: Leather Tanning and Finishing

- 3111 Leather tanning and finishing

Sector AA: Fabricated Metal Products

- 3411 Metal cans
- 3412 Metal shipping barrels, drums, kegs, and pails
- 3421 Cutlery
- 3423 Hand and edge tools (except machine tools and handsaws)
- 3425 Saw blades and handsaws
- 3429 Hardware, NEC
- 3431 Enameled iron and metal sanitary ware
- 3432 Plumbing fixtures and trim
- 3433 Heating equipment (except electric and warm air furnaces)
- 3441 Fabricated structural metal
- 3442 Metal doors, frames, sash, molding and trim
- 3443 Fabricated plate work (boiler shops)
- 3444 Sheet metal work
- 3446 Architectural and ornamental metal work
- 3448 Prefabricated metal buildings and components
- 3449 Miscellaneous structural metal work
- 3451 Screw machine products
- 3452 Bolts, nuts, screws, rivets, and washers

- 3462 Iron and steel forgings
- 3463 Nonferrous forgings
- 3465 Automotive stampings
- 3466 Crowns and closures
- 3469 Metal stampings, NEC
- 3471 Electroplating, plating, polishing, anodizing, and coloring
- 3479 Coating, engraving, and allied services, NEC
- 3482 Small arms ammunition
- 3483 Ammunition (except small arms)
- 3484 Small arms
- 3489 Ordnance and accessories, NEC
- 3491 Industrial valves
- 3492 Fluid power valves and hose fittings
- 3493 Steel springs (except wire)
- 3494 Valves and pipe fittings, NEC
- 3495 Wire springs
- 3496 Miscellaneous fabricated wire products
- 3497 Metal foil and leaf
- 3498 Fabricated pipe and pipe fittings
- 3499 Fabricated metal products, NEC
- 3911 Precious metal jewelry
- 3914 Silverware, plated ware, and stainless steel ware
- 3915 Jewelers' findings and materials and lapidary work

Sector AB: Transportation Equipment and Industrial or Commercial Machinery

- 3511 Steam, gas & hydraulic turbines and generator units
- 3519 Internal combustion engines, NEC
- 3523 Farm machinery and equipment
- 3524 Lawn & garden tractors and home lawn & garden equipment
- 3531 Construction machinery and equipment
- 3532 Mining machinery and equipment (except oil and gas field)
- 3533 Oil & gas machinery and equipment
- 3534 Elevators and moving stairways
- 3535 Conveyors and conveying equipment
- 3536 Overhead traveling cranes, hoists, and monorail systems
- 3537 Industrial trucks, tractors, trailers, and stackers
- 3541 Metal cutting machine tools
- 3542 Metal forming machine tools
- 3543 Industrial patterns
- 3544 Special dies, tools, die sets, jigs, fixtures and molds
- 3545 Cutting tools, accessories and precision measuring devices
- 3546 Power-driven handtools
- 3547 Rolling mill machinery and equipment
- 3548 Electric & gas welding and soldering equipment
- 3549 Metalworking machinery, NEC
- 3552 Textile machinery
- 3553 Woodworking machinery
- 3554 Paper industries machinery
- 3555 Printing trades machinery and equipment
- 3556 Food products machinery
- 3559 Special industry machinery, NEC
- 3561 Pumps and pumping equipment
- 3562 Ball and roller bearings
- 3563 Air and gas compressors
- 3564 Industrial & commercial fans, blowers, and air purification equipment
- 3565 Packaging machinery
- 3566 Speed changers, industrial high speed drives and gears
- 3567 Industrial process furnaces and ovens
- 3568 Mechanical power transmission equipment, NEC
- 3569 General industrial machinery and equipment, NEC

- 3581 Automatic vending machines
- 3582 Commercial laundry, dry cleaning, and pressing machines
- 3585 Air-conditioning, heating, and refrigeration equipment
- 3586 Measuring and dispensing pumps
- 3589 Service industry machinery, NEC
- 3592 Carburetors, pistons, piston rings, and valves
- 3593 Fluid power cylinders and actuators
- 3594 Fluid power pumps and motors
- 3596 Scales and balances (except laboratory)
- 3599 Industrial & commercial machinery and equipment, NEC
- 3711 Motor vehicles and passenger car bodies
- 3713 Truck and bus bodies
- 3714 Motor vehicle parts and accessories
- 3715 Truck trailers
- 3716 Motor homes
- 3721 Aircraft
- 3724 Aircraft engines and engine parts
- 3728 Aircraft parts and auxiliary equipment, NEC
- 3743 Railroad equipment
- 3751 Motorcycles, bicycles, and parts
- 3761 Guided missiles and space vehicles
- 3764 Guided missile and space vehicle propulsion units parts
- 3769 Guided missile and space vehicle parts & equipment NEC
- 3792 Travel trailers and campers
- 3795 Tanks and tank components
- 3799 Transportation equipment, NEC

Sector AC: Electronic and Electrical Equipment and Components, Photographic and Optical Goods

- 3571 Electronic computers
- 3572 Computer storage devices
- 3575 Computer terminals
- 3577 Computer peripheral equipment, NEC
- 3578 Calculating and accounting machines (except electronic computers)
- 3579 Office machines, NEC
- 3612 Power, distribution and specialty transformers
- 3613 Switchgear and switchboard apparatus
- 3621 Motors and generators
- 3624 Carbon and graphite products
- 3625 Relays and industrial controls
- 3629 Electrical industrial apparatus, NEC
- 3631 Household cooking equipment
- 3632 Household refrigerators and home & farm freezers
- 3633 Household laundry equipment
- 3634 Electric housewares and fans
- 3635 Household vacuum cleaners
- 3639 Household appliances, NEC
- 3641 Electric lamp bulbs and tubes
- 3643 Current-carrying wiring devices
- 3644 Noncurrent-carrying wiring devices
- 3645 Residential electric lighting fixtures
- 3646 Commercial, industrial and institutional electric lighting fixtures
- 3647 Vehicular lighting equipment
- 3648 Lighting equipment, NEC
- 3651 Household audio and video equipment
- 3652 Phonograph records and prerecorded audio tapes & disks
- 3661 Telephone and telegraph apparatus
- 3663 Radio and TV broadcasting & communications equipment

- 3669 Communications equipment, NEC
- 3671 Electron bulbs
- 3672 Printed circuit boards
- 3674 Semiconductors and related devices
- 3675 Electronic capacitors
- 3676 Electronic resistors
- 3677 Electronic coils, transformers, and other inductors
- 3678 Electronic connectors
- 3679 Electronic components, NEC
- 3691 Storage batteries
- 3692 Primary batteries (dry and wet)
- 3694 Electrical equipment for internal combustion engines
- 3695 Magnetic and optical recording media
- 3699 Electrical machinery, equipment, and supplies, NEC
- 3812 Search, detection, navigation, and guidance systems
- 3821 Laboratory apparatus and furniture
- 3822 Automatic environmental and appliance controls
- 3823 Process measurement, display, and control instruments
- 3824 Totalizing fluid meters and counting devices
- 3825 Electricity & signal measurement and testing instruments
- 3826 Laboratory analytical instruments
- 3827 Optical instruments and lenses
- 3829 Measuring and controlling devices, NEC
- 3841 Surgical & medical instruments and apparatus
- 3842 Orthopedic, prosthetic and surgical appliances and supplies
- 3843 Dental equipment and supplies
- 3844 X-Ray apparatus & tubes and related irradiation apparatus
- 3845 Electromedical and electrotherapeutic apparatus
- 3851 Ophthalmic goods
- 3861 Photographic equipment and supplies
- 3873 Watches, clocks, clockwork operated devices & parts

Sign up to receive e-mail updates

Would you like to receive program updates from the Industrial Stormwater Program? Sign up to receive e-mail updates at: www.pca.state.mn.us/water/stormwater/stormwater-i.html.

For more information

If you have any questions regarding completion of the Industrial Stormwater Multi-Sector General Permit or regarding the Industrial Stormwater program, please call the Stormwater General Hotline at: 651-757-2119 or 800-657-3804 (non-metro only). For application or other administrative questions, contact the Permit Administrative Lead at 651-296-6300 (Metro and outside Minnesota) or 800-657-3864 (in Minnesota only).