

ADEQ Multi-Sector General Permit (MSGP) for Stormwater Discharges Associated with Industrial Activities *Sector P: Land Transportation and Warehousing*



Double Stack APL train heading East on the Gila Sub between Yuma and Tucson, Arizona.

What is the Industrial Stormwater Program?

The industrial stormwater program is part of the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act (CWA) and is intended to preserve, protect, and restore surface water quality. Arizona Department of Environmental Quality (ADEQ) was given authority to implement the NPDES program in Arizona (except Indian lands), on Dec. 5, 2002 from the U.S. Environmental Protection Agency (EPA). Industrial stormwater permitting in Arizona is under ADEQ's Multi-Sector General Permit (MSGP), except on Indian Country, where U.S. EPA remains the permitting authority. Contaminated stormwater runoff is a leading source of water quality impairment in Arizona and nationwide. Activities, such as material handling, material storage, equipment maintenance and repairs, industrial processing or other operations that occur at industrial facilities are often exposed to stormwater.

Is My Business Subject to Industrial Stormwater Permitting?

Industrial activities are categorized by sectors using Standard Industrial Classification (SIC) codes. Land Transportation and Warehousing are classified as Sector P, which includes the following operations:

- Railroad Transportation Facilities (SIC 4011, 4013)
- Local and Highway Passenger Transportation (SIC Code 4111-4173)
- Motor Freight Transportation and Warehousing (SIC Code 4212-4231)
- U.S. Postal Service (SIC Code 4311)
- Petroleum Bulk Stations and Terminals (SIC Code 5171)
- Warehousing and Storage facilities; (SIC Code 4221, Farm Product Warehousing and Storage), (SIC Code 4222, Refrigerated Warehousing and Storage), (SIC Code 4225, General Warehousing and Storage) require permit coverage even if vehicle maintenance is not performed

If the facility's activities fall within a "Primary" SIC code or Narrative industrial activity, an application for permit coverage is required.

What types of pollutants are commonly found at Land Transportation and Warehousing Facilities?

Pollutants conveyed in stormwater discharges from land transportation and warehousing activities will vary depending on the type of activities conducted at

the facility and the variety of chemicals stored and used on-site. Common activities associated with Sector P facilities include: fueling, vehicle washing and maintenance, outdoor vehicle and equipment storage and parking, painting areas, railroad locomotive sanding and liquid storage in above ground storage. Typically, the following pollutants are found at land transportation and warehousing facilities: Oil, grease, arsenic, heavy metals, organics, chlorinated solvents, ethylene glycol, hydraulic fluids, sediments, dust, paint solids, organics, paint, spent chlorinated solvents and fuel.

Do I need permit coverage for my stormwater discharges?

If your facility discharges, or has the potential to discharge stormwater to a Water of the U.S. (either directly or by way of a conveyance, such as to a storm sewer system), then you must have permit coverage and follow permit requirements to be in compliance with the CWA and state rules.

What's Next? Basic Application Requirements

The facility operator must submit a complete Notice of Intent (NOI) form and a permitting application fee. A Stormwater Pollution Prevention Plan (SWPPP) must be prepared and, in some cases, is required to be submitted for ADEQ review (see SWPPP submittal section of this fact sheet for additional details). The NOI form can be submitted electronically using ADEQ's Smart NOI at: <https://az.gov/app/smartnoi/> or by a paper copy with original signature to: ADEQ, Surface Water Section-Stormwater and General Permits Unit, 1110 West Washington Street, 5415A-1, Phoenix, Arizona 85007.

Exclusion from MSGP Permitting Based on No Exposure

Certain facilities may claim relief from the requirement to obtain MSGP stormwater coverage under the “no exposure exclusion.” The condition of “no exposure” exists when all materials and activities at the industrial facility are covered by a storm resistant shelter to prevent exposure to rain, snow, snow-melt, and/or runoff. The No Exposure Certification is valid for five years, after which you must renew the certification. At the present time, there is no renewal fee. Operators may access the No Exposure Certification form at: www.azdeq.gov/environ/water/permits/download/No%20Exposure%20Cert_user-savable_with_Instructions_MAY_2014.pdf.

Fees

The initial fee is due when the facility submits the NOI form to ADEQ and is based on the amount of acreage exposed to stormwater. The annual fee is assessed for the same amount every year on the anniversary date of permit coverage. The facility continues to pay the annual fee until a notice of termination is filed to end permit coverage.

Stormwater Pollution Prevention Plan (SWPPP) Submittal

The SWPPP describes the potential pollutant sources and the best management practices (BMPs) used to prevent stormwater contamination from leaving your site. All facility operators of land transportation and warehousing facilities are required to prepare a SWPPP before they obtain MSGP coverage. However, only facilities that discharge to an impaired water or an Outstanding Arizona Water (OAW) or discharge to a tributary within 2.5 miles must submit a SWPPP to ADEQ for review, along with their NOI. A fillable SWPPP Template developed by ADEQ can be utilized by going to: www.azdeq.gov/environ/water/permits/msgp.html.

Best Management Practices (BMPs) for Sector P Facilities

BMPs are activities, practices, schedules, structures, and maintenance procedures that facility operators can use to prevent or minimize the amount of pollutants discharged in rain water that leaves their site. Site specific BMPs for land transportation and warehousing activities shall include: (a) procedures to minimize the potential for stormwater exposure to leaky or leak-prone vehicles/equipment awaiting maintenance. (b) use of drip pans under vehicles/equipment; indoor storage of vehicles and equipment; install berms or dikes; use of absorbents; install roofs or cover storage areas; and clean pavement surfaces to remove oil and grease. Fueling areas: Implement one or more of the following (or other equivalent measures): Covering the fueling area; using spill/overflow protection and cleanup equipment; minimizing stormwater run-on/runoff to the fueling area; using dry cleanup methods; and treating and/or recycling collected stormwater runoff. Drainage shall be discharged to an appropriate treatment facility or sanitary sewer system, or otherwise disposed of properly. These discharges may require coverage under a separate AZPDES wastewater permit or industrial user permit under the pretreatment program. Prevention BMPs can include; frequent inspections, regular site clean-up, good housekeeping practices, spill control, and employee training.

Stormwater Multi-Sector General Permit (MSGP) Fee Schedule

Number of Acres	Fee Amount
Less than or equal to 1	\$350 annually
Greater than 1, but less than or equal to 40	\$500 annually
Greater than 40	\$1,000 annually
Certificate of No Exposure	
Certificate	\$1,250
Stormwater Pollution Prevention Plan (SWPPP)	
ADEQ SWPPP Review (if required)	\$1,000

Reporting Requirements

All Sector P facilities must prepare an Annual Report on a form provided by the department and retain a copy of the Annual Report within their SWPPP. Only facilities that discharge to an impaired water or to an OAW (or discharge to a tributary within 2.5 miles) have to submit the Annual Report to ADEQ. The Annual Report is due on or before July 15 of each year until permit coverage is terminated. The MSGP Annual Report Form is located at: www.azdeq.gov/environ/water/permits/download/2010/arf.pdf.

Sampling of the stormwater may be required for pollutant(s) if stormwater is discharged to a impaired water, to an OAW or to a tributary within 2.5 miles of an OAW or impaired water. If this is the case for your facility, a Discharge Monitoring Report (DMR), containing the sampling results will be required to be submitted within the context of the Annual Report. The MSGP DMR Form is available at: www.azdeq.gov/environ/water/permits/download/2010/dmr.pdf.

On-Site Detention/Impoundment

Many facilities in Arizona have a surface impoundment to detain some stormwater runoff. These impoundments are regulated under ADEQ’s Aquifer Protection Program (APP). To qualify for the APP statutory general permit (A.R.S. §49-245.01), the operator must have a CWA permit (i.e., MSGP coverage).

For More Information Contact:

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