
Stormwater Requirements for Industrial Facilities

Stormwater discharges associated with industrial activities in Arizona are regulated by the Arizona Department of Environmental Quality (ADEQ). In accordance with the Clean Water Act and ADEQ's Arizona Pollutant Discharge Elimination System (AZPDES) program, Pima County Department of Environmental Quality (PDEQ) performs inspections of specific industrial facilities to verify compliance with stormwater requirements.

Activities from 24 industrial sectors have the potential to adversely impact the chemical, physical, and biological integrity of the Nation's waters. The facilities in these sectors are defined by either the facility's Standard Industrial Classification (SIC) code or a general description of the facility's industrial activities. For a listing of these sectors, visit our website at <http://www.deq.pima.gov/water/stormwater/industrial.html>

Pollution from Industrial Facilities

Typical pollutants found in stormwater runoff include heavy metals, sediment, oil, solvents, and grease. These pollutants can be mobilized by rainfall and transported to storm drains or washes. Although flowing streams are rare in southern Arizona, pollutant-laden storm water runoff from industrial facilities may adversely impact the desert environment, clog drainage systems, and seep into the soil and eventually co-mingle with groundwater.

Multi-Sector General Permit

The ADEQ issued a Multi-Sector General Permit (MSGP) on December 20, 2010 for both non-mining facilities and mining facilities. The MSGP permits became effective on February 1, 2011.

MSGP-2010 Mining Permit:

<http://www.azdeq.gov/environ/water/permits/download/2010/122010g.pdf>

MSGP-2010 Non-Mining Permit:

<http://www.azdeq.gov/environ/water/permits/download/2010/122010f.pdf>

Industrial facilities in Arizona whose SIC codes are listed in the MSGP permit are required to apply or reapply under the appropriate new permit. Refer to PDEQ's website to determine the SIC code for a facility.

New facilities preparing to operate must obtain coverage under the MSGP by creating a SWPPP and submitting an NOI Form at least 30 business days before starting a discharge.

No Exposure Certification

Facilities with industrial materials and activities protected by storm-resistant shelters may apply for an exclusion from stormwater permitting. The application form is available at this website:

http://www.azdeq.gov/environ/water/permits/download/No_Exposure_Cert-12-09.pdf

Storm Water Pollution Prevention Plan (SWPPP)

Operators must prepare and implement a Stormwater Pollution Prevention Plan (SWPPP). A SWPPP identifies structural and non-structural controls measures that minimize impacts caused by stormwater discharges. The plan typically includes:

- Contact Information for the Stormwater Pollution Prevention Team;
- Site Description;
- Potential Pollutant Sources;
- Stormwater Control Measures;
- Schedules and Procedures; and a
- Sampling & Analysis Plan (SAP), if needed.

In addition to guidance from the MSGP permit, an operator can find the basic requirements of a SWPPP described in *Developing Your Stormwater Pollution Prevention Plan, A Guide for Industrial Operators*, available at http://www.epa.gov/npdes/pubs/industrial_swppp_guide.pdf

The SWPPP must be implemented when the facility begins operating and must be kept at the facility. Use quarterly Routine Inspections to verify discharges from the facility will meet the permit requirements. Perform a visual assessment twice each rainy season. Annual Comprehensive Facility Inspections are useful to ensure the control measures are functioning correctly.

Annual reports are due to ADEQ July 15th of each year for the preceding period beginning June 1st and ending May 31st.

How to Obtain Coverage Under the Multi-sector General Permit

Thoroughly read the MSGP to obtain guidance regarding an industry's eligibility for this program (using an SIC code) and develop a SWPPP. Then submit a Notice of Intent (NOI) form to ADEQ for *Stormwater Discharges Associated with Industrial Activities* using an on-line application form or a PDF posted at this website:

<http://www.azdeq.gov/environ/water/permits/msgp.html>

The NOI application form can be submitted at one of two locations:

- Online application: <https://az.gov/app/smartnoi/>
- Paper copy of application form:
Arizona Department of Environmental Quality
Surface Water Section/Stormwater Program
1110 West Washington, 5415A-1
Phoenix, Arizona 85007

After ADEQ issues a Certificate of Authorization (COA) with an authorization number, a copy of the COA must be sent to Pima County Department of Environmental Quality (PDEQ):

**Pima County Dpt. of Environmental Quality
Stormwater Management Program
33 N. Stone Avenue, Suite 700
Tucson, Arizona 85701
FAX: 520-838-7432
Marie.Light@pima.gov**

A completed NOI certifies the facility operators and managers will discharge water consistent with the terms and conditions of the MSGP.

FOR MORE INFORMATION

Environmental Protection Agency
National Pollutant Discharge Elimination System (NPDES)
<http://cfpub.epa.gov/npdes/stormwater/indust.cfm>

Arizona Department of Environmental Quality
Surface Water Quality Permits (AZPDES)
Dennis Turner: (602) 771-4501
<http://www.azdeq.gov/environ/water/permits/stormwater.html#multi>

Pima County Department of Environmental Quality
Stormwater Management Program:
Marie Light: (520) 724-7457
<http://www.deq.pima.gov/water/stormwater/industrial.html>



**33 N. Stone Ave., Suite 700
Tucson, Arizona 85701
Phone (520) 724-7400
Fax (520) 838-7432**

January 2014

INDUSTRIAL FACILITIES



**STORMWATER POLLUTION
PREVENTION
In
UNINCORPORATED
PIMA COUNTY**