
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 performs inspections of specific industrial facilities to verify compliance with storm water requirements.

Activities from 26 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 the following ADEQ website:

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

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-2010) on December 20, 2010 for both non-mining facilities and mining facilities. The MSGP-2010 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-2010 permit are required to apply or reapply under the appropriate new permit.

- Existing facilities with authorized coverage under the MSGP-2000 must revise their Stormwater Pollution Prevention Plan (SWPPP) and submit a Notice of Intent (NOI) Form by May 31, 2011 to obtain coverage under the MSGP-2010.
- Facilities in operation without coverage under the MSGP-2000 must also develop a SWPPP and submit an NOI Form by May 31, 2011.
- Facilities preparing to operate must obtain coverage under the MSGP-2010 by preparing a SWPPP and submitting an NOI Form at least 30 business days before starting a discharge.

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).

In addition to guidance from the MSGP-2010 permit, an operator can find the basic requirements of a SWPPP described in *Developing Your Stormwater Pollution Prevention Plan, A Guide for Industrial Operators*. The document is available at this website :

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.

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

How to File NOI Forms

The NOI Form for *Stormwater Discharges Associated with Industrial Activities* is posted on-line at this website:

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

Thoroughly read the MSGP-2010 permit to obtain guidance regarding an industry's eligibility for this program (using an SIC code), development of a SWPPP, and completion of the NOI Form questions. All three must be complete prior to submitting the NOI Form at one of two locations:

- **Arizona Depart. of Environmental Quality Surface Water Section/Stormwater Program**
1110 West Washington, 5415A-1
Phoenix, Arizona 85007
- [On-line at the address above](#)

After ADEQ issues the NOI and an authorization number for the industrial facility, a copy of the NOI must be sent to the Pima County Department of Environmental Quality (DEQ):

- **Pima County DEQ Storm Water Program**
33 N. Stone Avenue, Suite 700
Tucson, Arizona 85701
- **FAX: 520-838-7432**
- **Marie.Light@deq.pima.gov**

A completed NOI certifies the facility operators and managers can assure long term compliance with the terms of the MSGP-2010.

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: 520-243-7457
Jason Saline: 520-243-7342
<http://www.deq.pima.gov/water/stwpermitindust.html>



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INDUSTRIAL FACILITIES & STORMWATER CONTROLS IN UNINCORPORATED PIMA COUNTY



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Department of Environmental Quality
33 North Stone Avenue, Suite 700
Tucson, Arizona 85701
520-243-7400
www.deq.pima.gov/water/stwmgmprog.html