

ADEQ Multi-Sector General Permit (MSGP) for Stormwater Discharges Associated with Industrial Activities *Sector R: Ship and Boat Building and Repairing Yards*



A repair garage for boats are identified as Sector R in the MSGP.

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.

Stormwater leaving ship and boat building and repairing yards is often conveyed

by stormwater sewer systems directly to rivers and streams without any treatment, which can degrade water quality, habitat and limit recreational uses.

Is my business subject to industrial stormwater permitting?

Industrial activities are categorized by sectors using Standard Industrial Classification (SIC) codes. Ship and boat building and repairing yards are classified as Sector R, Major Group 37, which includes the following operations:

- Ship building and repairing (SIC 3731). This SIC code includes (but not limited to): ships, barges, cargo vessels, ferry boats, dredges, fishing vessels, patrol boats, navel ships, sailings vessels, transport vessels, towboats and tugboats.
- Boat building and repairing (SIC 3732). This SIC code includes (but not limited to): boat kits, fiberglass, rigid, motorboats, sailboats, rowboats, canoes, dinghies, dories, small fishing boats, houseboats, hydrofoils, kayaks, life boats, pontoons, and skiffs.

Establishments primarily engaged in operating marinas and which perform incidental boat repair is identified in the Water Transportation Industry (Sector Q-SIC 4493).

What types of pollutants are commonly found at ship or boat building and repairing facilities?

Pollutants conveyed in stormwater runoff from facilities involved with ship/boat building and repairing yards will

vary depending on the type of activities conducted at the facility and the variety of chemicals stored and used on-site.

Common activities at Sector R facilities include: mechanical repairs, parts cleaning, vessel fluid changes, pressure washing, sanding, blasting, painting, refinishing, metal fabrication, welding, fueling, and storage of other related waste materials.

Typically, the following pollutants are found at boat/ship building and repairing yards: paint solids, spent solvents, heavy metals, oil/lubricants, ethylene glycol (antifreeze), acid/alkaline waste, detergents/surfactants, fuel, oil, dust, spent abrasives, bacteria, biochemical oxygen demand (BOD), and total suspended solids (TSS).

Discharge of bilge water, ballast water, sanitary wastes, pressure wash water and cooling water originating from vessels are prohibited.

Do I need permit coverage for my stormwater discharges?

If your facility 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 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 via the Smart NOI web site 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 storm water 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, snowmelt, and/or runoff. The No Exposure certification is a one-time fee and 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 ship/boat building or repairing yards 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. An editable 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 R 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 ship/boating building and repairing yards can include: contain pressure wash water, remove solids from wash water, eliminate the use of detergents for washing, cover or contain blasting/sanding/painting areas, hang plastic barriers, conduct paint removal/engine maintenance over impervious areas, implement vacuum sanding, reuse paint strippers, use environmentally friendly chemicals and solvents, conduct maintenance/repairs over land when possible, cover/enclose chemical storage areas, appropriately dispose of wastes (including cooling water, sanitary bilge, and ballast) through a licensed waste disposal company. 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 R facilities shall prepare an annual report on a form provided by ADEQ and retain a copy of the report with the 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 shall be submitted on or before July 15 of each year until coverage is terminated. The 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.

Notice of Termination (NOT)

If activities at the facility cease or change such that they are no longer subject to industrial stormwater permitting, the facility operator may submit a completed Notice of Termination (NOT) form to ADEQ to closeout permit coverage. Completed NOT forms must be mailed or delivered to ADEQ. The NOT form is available at: www.azdeq.gov/environ/water/permits/msgp.html.

For More Information Contact:

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