



NPDES Stormwater Permitting for Industrial Activity Sector R—Ship and Boat Building or Repairing

The 1972 amendments to the Federal Water Pollution Control Act (Clean Water Act or CWA) provide the statutory basis for the National Pollutant Discharge Elimination System (NPDES) permit program and the basic structure for regulating the discharge of pollutants from point sources to U.S. waters. **Section 402 of the Clean Water Act requires EPA to develop and implement the NPDES program.**

Sector R: Ship and Boat Building or Repairing

Regulated Standard Industrial Classification (SIC) Codes:

3731 Ship Building and Repairing

Examples include building and repairing of barges cargo vessels, combat ships, crew boats, dredges, ferryboats, fishing vessels, lighthouse tenders, naval ships, offshore supply boats, passenger-cargo vessels, patrol boats, sailing vessels, towboats, trawlers, and tugboats.

3732 Boat Building and Repairing

Examples include building and repairing of fiberglass boats, motor-boats, sailboats, rowboats, canoes, dinghies, dories, small fishing boats, houseboats, kayaks, lifeboats, pontoons, and skiffs.

Common activities at ship and boat yards (not limited to):

- Pressure washing
- Vessel, parts, and equipment cleaning
- Fluid changes
- Mechanical maintenance and repairs
- Sanding and Blasting
- Welding
- Refinishing
- Painting
- Fueling
- Storage of the related materials and waste materials

Recommended BMPs

Stormwater treatment BMPs are intended to prevent or minimize the contamination of runoff, or treat runoff contaminated with pollutants.

Ship and Boat Building and Repairing BMPs include (not limited to):

- Collect discharge water and remove all visible solids before discharging.
- Confine activities to designated areas outside drainage pathways and away from surface waters.
- Prohibit activities during windy conditions which render containment ineffective.
- Enclose, cover, or contain blasting, sanding, and painting activities to the maximum extent practical to prevent contamination of sewer or receiving water.
- Have absorbent and other cleanup items readily available for immediate cleanup of spills.
- Inspect, clean and maintain facilities on a regular basis to minimize the potential for pollutants in the stormwater runoff.
- Train employees on proper storage, use, cleanup, waste control, and disposal procedures.
- Do all cleaning at centralized station.
- Locate storage areas away from high traffic areas and surface waters.
- Collect and dispose of bilge and ballast waters to a licensed waste disposal company.

Notices Center

2600 Blair Stone Road, MS #3585

Tallahassee, FL 32399-2400

866-336-6312 (toll-free) or 850-245-7522

NPDES-stormwater@dep.state.fl.us

www.dep.state.fl.us/water/stormwater/npdes/



Discharge Monitoring Reports

2600 Blair Stone Road, MS #2511

Tallahassee, FL 32399-2400

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Common Pollutant Sources at Ship and Boat Building and Repairing Facilities

Activity	Pollutant Source	Pollutant
Pressure Washing	Wash water	Paint solids, heavy metals, suspended solids.
Surface Preparation, Paint Removal, Sanding	Sanding; mechanical grinding; abrasive blasting; paint striping.	Spent abrasives, paint solids, heavy metals, solvents, dust.
Painting	Paint and paint thinner spills; spray painting; paint striping; sanding; paint cleanup.	Paint solids, spent solvents, heavy metals, dust.
Engine Maintenance and Repair	Parts cleaning; waste disposal of greasy rags; used fluids, and batteries; use of cleaners and degreasers; fluid spills; fluid replacement.	Spent solvents, oil, heavy metals, ethylene glycol, acid/alkaline waste, detergents.
Material Handling: Transfer Storage Disposal	Fueling: spills; leaks; and hosing area. Liquid Storage in Above Ground Storage: spills and overfills; external corrosion; failure of piping systems. Waste material Storage and Disposal: paint solids; solvents; trash; spent abrasives; petroleum products	Fuel, oil, heavy metals, material being stored, paint solids, spent solvents.
Shipboard Processes improperly discharged to storm sewer or into receiving water	Process and cooling water; sanitary waste; bilge and ballast water	Biochemical oxygen demand (BOD), bacteria, suspended solids, oil, fuel.

Permit Information

Operators of regulated industrial facilities must obtain an NPDES stormwater permit and implement pollution prevention techniques to minimize contamination of stormwater runoff.

Upon coverage approval, the permittee will receive the Permit Rule Language, Acknowledgement Letter and Discharge Monitoring Report forms (where applicable).

Coverage under the Multi-Sector Generic Permit is effective for 5 years. Discharge Monitoring Reports must be submitted to DEP in years 2 & 4 (where applicable). Quarterly visual assessment is required for all sectors.

Sector R can be reviewed at the following web address:

http://www.dep.state.fl.us/cleanmarina/files/Boatyard_Permit_Assistance.pdf

How to stay in compliance

- Submit NOI and fee of \$500 on time.
Online: www.FLDEPportal.com/go/
Mail: NPDES Stormwater Notices Center
2600 Blair Stone Road MS 3585
Tallahassee, Florida 32399-2400
- Develop and implement a Stormwater Pollution Prevention Plan (SWPPP).
- For SWPPP guidance visit:
<http://www.dep.state.fl.us/water/stormwater/npdes/swppp.htm>
- Train employees to follow the SWPPP.
- Inspect your site and conduct required monitoring as identified in your SWPPP
- Document all changes to the SWPPP. Include the date the changes were made.

