

Multi-Sector General Permit (MSGP)

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MSGP Applicability

- Facilities with stormwater discharges from industrial activity
- Only applies where State does not have approved National Pollution Discharge Elimination System (NPDES) Permit Program
 - American Samoa
 - District of Columbia
 - Idaho
 - Johnson Atoll
 - Massachusetts
 - Midway Island
 - New Hampshire
 - Northern Marianas Islands
 - Puerto Rico
 - Wake Island
 - Various tribal lands
- Applies to separate industrial sectors
 - Ship and Boat Building and Repair Yards

MSGP: Regulatory History

- Water Quality Act of 1987 added Sec. 402(p) to CWA
 - Regulated stormwater discharges under NPDES
 - EPA passed first regulations November 16, 1990
- MSGP 2000 expired on October 30, 2005
 - Operated under administrative continuance
- New MSGP came into effect on September 29, 2008
 - 73 Fed. Reg. 56,573

Non-Numeric Control Measures

- Minimize exposure
 - Grading, curbing, containment
- Good Housekeeping
 - Exposed areas free from pollutants
- Maintenance
 - Inspect, test, maintain, repair
- Spill Prevention and Response Procedures
 - Minimize potential for leaks and make plans for response
- Erosion and Sediment Controls
 - Stabilize exposed areas
- Management of Runoff
 - Divert, reuse, contain, and reduce runoff
- Employee Training
 - All implementers and anyone who works around exposed potential pollutants
- Non-Stormwater discharges
 - Eliminate anything not covered by NPDES
- Waste, Garbage, and Floatable Debris
 - Ensure they are not released to receiving waters

Water Quality-Based Effluent Limitations

- Existing Discharge to Impaired Water with EPA Approved or Established TMDL
 - EPA will inform you of additional limits or controls
- Existing Discharge to Impaired Water without EPA Approved or Established TMDL
 - Must meet applicable water quality standards and monitor
- New Discharge to Impaired Water
 - Implement and Maintain Control Measures that enabled you to become eligible

MSGP: Inspections

- Routine Facility Inspections
 - At least quarterly
 - During operation
 - Documented
- Quarterly Visual Assessment of Stormwater Discharges
 - From each stormwater discharge (w/in 30 minutes of initial discharge)
 - Inspect for color, odor, solids, sheen, etc
 - Documented
- Comprehensive Site Inspections
 - Annual
 - Qualified personnel
 - Documented

Stormwater Pollution Prevention Plan (SWPPP)

- Prepare SWPPP prior to submitting Notice of Intent
- Elements
 - Stormwater Pollution Prevention Team
 - Site description
 - Summary of potential pollutant sources
 - Description of control measures
 - Schedules and procedures
 - Documentation supporting eligibility determination
 - Signature

Monitoring

- Benchmark
 - For all outfalls unless substantially identical
 - Prior to commingling (if commingling is permitted)
 - During a “measurable storm event”
 - Quarterly
 - Benchmarks specified for specific industrial sectors
 - If benchmarks are met, can monitor less frequently
- Effluent Limitation Monitoring
 - Limits in permit
 - For all outfalls unless substantially identical
- Other Monitoring
 - State, tribal, impaired waters
- Exceedance reports

Subpart R – Ship/Boat Building & Repair

- Does not cover bilge and ballast water, sanitary wastes, pressure wash water, and cooling water originating from vessels
- Housekeeping
 - If pressure wash area is used to remove marine growth, discharged water must be permitted as a process wastewater by separate NPDES permit
 - Blasting/Painting: minimize potential for spent abrasives/paint chips to discharge
 - Material storage: label, store away from drains
 - Engine Maintenance: no hosing down, minimize contact with pollutants
 - Drydock: maintain and clean prior to flooding, sweep rather than hose, clean up oil and debris

Subpart R – Ship/Boat Building & Repair

- Employee Training
 - Used oil management, spent solvent management, abrasives disposal, disposal of vessel wastewaters, spill prevention and control, fueling procedures, painting and blasting, used battery management
- Preventive Maintenance
 - Timely inspection and maintenance of separators and sediment traps

Subpart R-Specific SWPPP Requirements

- Drainage Area Site Map
 - Where fueling, engine maintenance, vessel repair, pressure washing, painting, sanding, blasting, metal fabrication, material loading/unloading, storage, disposal may be exposed to precipitation or surface runoff
- Potential Pollutant Sources
 - Outdoor manufacturing (welding, etc.), dust/particle generation (blasting, sanding)
- Good Housekeeping Documentation