

Floor Drains



Potential Environmental Impacts:

Repair shop wastewater typically contains chemicals such as oils, degreasers, gasoline, diesel, detergents, heavy metals, and antifreeze. In some instances it may contain solvents. If discharged through a dry well or septic system to the ground, these chemicals may render drinking water supplies unfit for human consumption. If discharged directly or indirectly to surface water these chemicals can be toxic to fish and other aquatic life.

Legal Requirements:

- Floor drains from mechanical shops must be connected either to a holding tank (1,000 gallon minimum capacity) which meets the standards of tanks installed in accordance with RCSA §22a-449(d)-1, or to the sanitary sewer with an oil and grit separating tank (1,000 gallon minimum capacity). You may not discharge this wastewater into a septic system. Before floor drain wastewater can be discharged to the sanitary sewer or hauled to a Publicly Owned Treatment Works (POTW) the terms and conditions of the *General Permit for Miscellaneous Discharges of Sewer Compatible (MISC) Wastewater* must be met, which will require collection and treatment to meet discharge effluent limitations. See Appendix G for more information on the MISC General Permit.
- Waste oil generated from oil/water separators must be tested for hazardous components and properly disposed [40 CFR 279 and RCSA §22a-449(c)-199; 40 CFR 262.11 and RCSA §22a-449(c)-102(a)(2)(A)]. See Appendix B and Appendix C for more information.

Best Management Practices:

- ✦ Avoid or minimize the use of any ammoniated, petroleum, or chlorinated solvent-based cleaning agents.
- ✦ Sweep or vacuum floors often and immediately before floor washing.
- ✦ Clean up fluid spills quickly with absorbent material (See Appendix B and C for disposal information). Cover floor drains if there is a spill. There are inexpensive covers available for this purpose.
- ✦ Permanently seal floor drains with concrete if they do not connect to a sewer or holding tank.

Checklist for Clean Marina Certification:

No Clean Marina certification criteria specific to floor drains.