



BMPs for Oil/Water Separators

The Oil and Water Separators Best Management Practices (BMP) Program is a program designed to address the discharge Oil and grease used by the local business community into the sewer system. Because of this potential, the City-Parish requires the facilities to obtain a Pretreatment Permit. The general permit is regulated by the policies and BMPs found in this document.

Program Details and Documents

Required Best Management Practices:

- Daily inspections of the OWS for any signs of spills or leaks.
- Cleaning of the OWS should be as required by manufacture or as follows
 - When sludge accumulates to 25% of the wetted height of the separator compartment
 - When oil accumulates to 5% of the wetted height of the separator compartment
 - When 75% of the retention capacity of the OWS is filled
- Cleaning should be done at least once a year.

Suggested Pollution Prevention Practices:

- Daily inspections of the OWS for any signs of spills or leaks.
- Inspect the discharge line weekly for any signs of oil.
- Take the following measurements to benchmark function of the OWS:
 - A. Distance from rim of access cover to bottom of structure
 - B. Distance from rim of access cover to top of sludge layer
 - C. Depth of sludge layer ($C = A - B$)
 - D. Distance from rim of access cover to the oil/water interface
 - E. Distance from rim of access cover to the top of the liquid surface
 - F. Depth of oil layer ($F = D - E$)
- Maintain a log describing the data and type of all inspections, service and maintenance performed
- Records of all amounts of residue removed from the OWS each time it was cleaned

Resources:

"SOP 11: OIL/WATER SEPARATOR (OWS) MAINTENANCE." Central Massachusetts Regional Stormwater Coalition, July 2013. Web. 31 Mar. 2016.