

O&M Specifications Oil/Water Separators

Maintenance Indicator	Corrective Action
Structural Components , including inlets, outlets, pipes, coalescing plates, and vaults.	
<ul style="list-style-type: none"> ➤ Clogged catch basins, inlets, or pipes ➤ Diminished capacity of coalescing plates or vault ➤ Saturated absorbent pads or socks ➤ Missing elbow or T ➤ Cracked pipe or vault 	<ul style="list-style-type: none"> ➤ Remove sediment, oil and debris from catch basins when 1/3 full and from gutters, inlets, outlets, and pipes to maintain at least 50% conveyance capacity at all times. ➤ Vacuum vault when sediment is 4 inches deep or when oil is 2 inches deep or when oil covers 50% of the coalescing plates. ➤ Close effluent shutoff valve before cleaning facility. Clean coalescing plates upstream or in the facility. Use low pressure, cool temperature, and biodegradable chemicals (if necessary). ➤ Change absorbent pads or socks when 50% of surface is coated in oil and sediment. ➤ Install elbow or T on outlet. ➤ Repair with grout or City-approved material or replace when cracks are 1 inch wide or more.
Vegetation , including surface cover and nearby plantings.	
<ul style="list-style-type: none"> ➤ Large shrubs and trees 	<ul style="list-style-type: none"> ➤ Prevent large root systems from damaging subsurface structural components.

Annual Maintenance Schedule

Summer: Remove sediment, oil, and debris from conveyance system. Make necessary structural repairs.

Fall: Test shut-off valve. Clean vault and/or coalescing plates. Change absorbent pads or socks.

Winter: Monitor.

Spring: Test shut-off valve. Clean vault and/or coalescing plates. Change absorbent pads or socks.

Maintenance Records:

All facility operators are required to keep an annual inspection and maintenance log.

Record date, description, and contractor (if applicable) for all structural repairs, landscape maintenance, and facility cleanout activities.

Access: Maintain ingress/egress to design standards.

Pollution Prevention: All sites should implement BMPs to prevent contaminating stormwater. Contact Spill Control at 503-823-7180 for immediate assistance responding to spills. Record the time/date and weather and site conditions if site activities contaminate stormwater.

Vectors (Mosquitoes and Rodents): Stormwater facilities shall not harbor mosquito larvae or rats that pose a threat to public health or that undermine the facility structure. Monitor standing water for small wiggling sticks perpendicular to the water's surface. Note holes/burrows in and around facilities. Call Multnomah County Vector Control at 503-988-3464 for immediate assistance to eradicate vectors. Record the time/date and weather and site conditions when vector activity was observed.