

## Standard Oil-Water Separator O&M Plan

<b>Structural components</b> , including inlets, outlets, pipes, coalescing plates and vaults, must be operated and maintained in accordance with the manufacturer's specifications and design specifications.		
	MAINTENANCE INDICATOR	CORRECTIVE ACTION
	Clogged catch basins, inlets, or pipes	Remove sediment, oil, and debris from catch basins when 1/3rd 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 covers 50% of the coalescing plates
	Diminished capacity of coalescing plates or vault	Close effluent shutoff valve before cleaning. Clean coalescing plates upstream or in the facility. Use low pressure, cool temperature, and biodegradable chemicals (if necessary).
	Saturated absorbent pads or socks	Change absorbent pads or socks when 50% of the surface is coated in oil and sediment.
	Cracked pipe or vault	Repair with grout or City-approved material or replace when cracks are identified, or if 1 inch wide or more.
<b>Vegetation</b> , including surface cover and nearby plantings.		
	MAINTENANCE INDICATOR	CORRECTIVE ACTION
	Large shrubs and trees	Prevent large root systems from damaging subsurface structural components.

## Annual Maintenance Schedule

<b>Summer</b>	Complete quarterly inspection. Remove sediment, oil, and debris from the conveyance system. Make any necessary structural repairs.
<b>Fall</b>	Complete quarterly inspection. Test shut-off valve. Clean vault and/or coalescing plates. Change absorbent pads or socks.
<b>Winter</b>	Complete quarterly inspection.
<b>Spring</b>	Complete quarterly inspection. Test shut-off valve. Clean vault and/or coalescing plates. Change absorbent pads or socks.
<b>All seasons</b>	Clean clogged catch basins, inlets, or pipes as necessary.

**Maintenance records:** Facility operators are required to keep an inspection and maintenance log. Record date, description, and contractor (if applicable) for all repairs, maintenance, and facility cleanout activities. Keep work orders and invoices on file and make available upon request of the City inspector.

**Pollution prevention:** All sites must implement Best Management Practices to prevent the introduction of pollutants to stormwater and/or sanitary systems.

**In the event of a spill:** Contact Spill Protection and Citizen Response at 503-823-7180 to immediately report spills. If the facility has additional regulatory permits, there may be additional reporting requirements (e.g., stormwater or pretreatment permit manager). Document the circumstances and the corrective action taken; include the date/time, weather, and site conditions. Never wash spills into a stormwater facility. Immediate cleaning of the oil-water separator will likely be required.

**Vectors (mosquitoes and rats):** Source control treatment oil-water separators must not harbor mosquito larvae or rodents that pose a threat to public health or that undermine the facility structure. Record the time/date, weather, and site conditions when vector activity observed. Record when vector abatement started and ended. Call Multnomah County Vector Control at 503-988-3464 for immediate assistance to eradicate vectors.

## O&M Log: Oil-Water Separator

Date	Work Performed by (Vendor name or self)	Type of Work Performed				Notes	Initials
		Clean separator-remove sediment, clean	Structural repairs – type, location	Clean catch basins or inlets	Other		