## Operations and Maintenance Plan Drywells and Soakage Trenches

**Facility Description.** Drywells and soakage trenches are Underground Injection Control systems (UICs). Both facilities infiltrate stormwater below ground. A typical drywell is a perforated concrete manhole 20 to 40 feet in depth. A typical soakage trench consists of a perforated pipe over a rock and sand reservoir. Often residential roof drains feed directly into these facilities. Sometimes a water quality manhole or silt trap is located up gradient from a UIC to trap sediment in runoff to prevent clogging the perforations and reducing infiltration.

What To Look For	What To Do
Structural Components, including pipes, concrete chambers (drywell) and silt trap (soakage trench).	
<ul><li>Clogged inlets, concrete chamber or silt trap</li></ul>	Clean gutters and silt trap once a year.
Broken downspout, racked pipe or concrete chamber	Fill or replace when cracks are greater than 1".
Vegetation, including surface cover and nearby plantings.	
➤ Large shrubs and trees	➤ Remove to prevent large root systems from damaging subsurface structural
	components.
Growing/Filter Medium, including rock and sand reservoir.	
Ponding water	➤ Vactor drywells that no longer drain within 48 hrs.
Maintenance Schedule:	
Summer. Make necessary structural repairs.	
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Fall. Clean gutters and silt trap (if applicable).

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

## Monitoring Log.

Access. Maintenance equipment and labor shall have safe access to facilities at all times.

Pollution Prevention. All sites should implement best management practices to prevent contaminating stormwater. Contact Spill Control at 503-823-7180 for immediate assistance responding to spills. Record the nature and extent of a spill and the response if it impacts stormwater. Vectors (mosquitoes & 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 mosquito larvae. Fill holes/burrows in and around facilities. Call Multnomah County Vector Control at 503-988-3464 for immediate assistance to eradicate vectors. Record the nature and extent of vector activity if observed.