

Simplified O&M Specifications DRYWELLS AND SOAKAGE TRENCHES

Maintenance Indicator	Corrective Action
<p>Structural Components include pipes, manholes (drywells), and rock/sand reservoirs (soakage trenches), storm chambers, and silt traps (soakage trenches).</p>	
<ul style="list-style-type: none"> ➤ Clogged inlets, manholes, or silt traps ➤ Cracked drain pipes or manholes 	<ul style="list-style-type: none"> ➤ Clean gutters, rain drains, and silt traps twice a year. ➤ Repair/seal cracks. Replace when repair is insufficient.
<p>Vegetation includes surface cover and nearby plantings.</p>	
<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.
<p>Filter Layer includes rock/gravel bed.</p>	
<ul style="list-style-type: none"> ➤ Ponding water 	<ul style="list-style-type: none"> ➤ Remove sediment and debris from all accessible components. ➤ May require decommissioning and replacement. Consult with the City prior to subgrade work.

Maintenance Schedule:

Summer: Make necessary structural repairs. Clean silt traps.

Fall: Clean gutters and rain drains.

Winter: Monitor infiltration rate.

Spring: Clean gutters and rain drains.

Maintenance Records:

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

Record the date, description, and contractor (if applicable) for all structural repairs, landscape maintenance, and facility cleanout activities. Keep work orders and invoices on file and make available upon request of the City inspector.

Access: Maintain ingress/egress to design standards.

Infiltration/Flow Control: All facilities shall drain within 48 hours. Record the time/date, weather, and site conditions when ponding occurs.

Pollution Prevention: All sites shall implement BMPs to prevent hazardous or solid wastes or excessive oil and sediment from contaminating stormwater. Contact Spill Prevention & Citizen Response at 503-823-7180 for immediate assistance responding to spills. Record the time/date, weather, and site conditions if site activities contaminate stormwater. Record the time/date and description of corrective action taken.

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, weather, and site conditions when vector activity is observed.