

## STANDARD O&M PLAN FOR THE SIMPLIFIED AND PRESUMPTIVE APPROACHES

### 3.1.1.8. Planters

Structural components must be operated and maintained in accordance with the design specifications.	
MAINTENANCE INDICATOR	CORRECTIVE ACTION
Clogged inlets or outlets	Remove sediment and debris from catch basins, trench drains, curb inlets, and pipes; maintain at least 50% conveyance at all times.
Broken inlets or outlets	Repair/replace broken downspouts, curb cuts, standpipes, and screens.
Damaged liners and walls	Extend and secure liner to planter walls above the high water mark. The facility must be water tight to protect abutting foundations from moisture damage.
Cracked or exposed drain pipes	Repair or seal cracks. Replace when repair is insufficient. Cover with 6 inches of growing medium to prevent freeze/thaw and UV damage
Vegetation must cover at least 90% of the facility at maturity.	
MAINTENANCE INDICATOR	CORRECTIVE ACTION
Dead or stressed vegetation	Replant per original planting plan, or substitute from the plant list in <a href="#">Section 2.4.1</a> . Irrigate and mulch as needed; prune tall, dry grasses and remove clippings.
Tall grass and vegetation	Maintain grass height at 6"-9". Trim to allow sight lines and foot traffic, also to ensure inlets and outlets freely convey stormwater into and/or out of facility.
Weeds	Manually remove weeds.
Growing medium must sustain healthy plant cover and infiltrate within 48 hours.	
MAINTENANCE INDICATOR	CORRECTIVE ACTION
Gullies, erosion, exposed soils, sediment accumulations	Fill in and lightly compact areas of erosion with City-approved soil mix (see <a href="#">Section 2.3.6</a> ) and replant according to planting plan or substitute from the plant list in <a href="#">Section 2.4.1</a> . Sediment more than 4 inches deep must be removed.
Scouring at the inlet(s)	Ensure splash blocks or inlet gravel/rock are adequate.
Ponding	Rake, till, or amend soil surface with City-approved soil mix to restore infiltration rate. Remove and replace sediment at entrances.

### Annual Maintenance Schedule

<b>Summer</b>	Make structural repairs; clean gutters and downspouts; remove any build-up of weeds or organic debris.
<b>Fall</b>	Replant exposed soil and replace dead plants. Remove sediment and plant debris.
<b>Winter</b>	Clear gutters and downspouts.
<b>Spring</b>	Remove sediment and plant debris. Replant exposed soil and replace dead plants.
<b>All seasons</b>	Weed as necessary.

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

**Fertilizers/Pesticides/Herbicides:** Their use is strongly discouraged because of the potential for damage to downstream systems. If pesticides or herbicides are required, use the services of a licensed applicator and products approved for aquatic use.

**Access:** Maintain ingress/egress per design standards.

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

**Pollution Prevention:** All sites must implement Best Management Practices to prevent contamination of stormwater. Call 503-823-7180 to report spills. Never wash spills into a stormwater facility. If contamination occurs, document the circumstances and the corrective action taken; include the time/date, weather, and site conditions.

**Vectors (Mosquitoes and Rats):** Stormwater facilities must not harbor mosquito larvae or rodents that pose a threat to public health or that undermine facility structures. Record the time/date, weather, and site conditions when vector activity observed. Record when vector abatement started and ended.