

**Table 1: General Maintenance**

Maintenance Component	Defect or Problem	Condition When Maintenance is Needed	Recommended Maintenance to Correct Problem
Annual Visual Inspection and Maintenance	Routine inspection	<p><b>Facilities should be inspected annually prior to fall rains.</b></p> <p>If appropriate, also inspect the facility after the first significant rain event following dry spell (e.g. the first 24-hour rainfall greater than 0.5 inches after summer)</p>	<p>Identify existing and potential operational problems.</p> <p>Repair damaged components that are critical to the operation of the feature (e.g. flow control valves, liners, underdrains, and pipes) as soon as practical.</p> <p>Schedule routine maintenance such as mowing, sump cleanout, lube moving parts, repairs, etc.</p> <p>If the facility is problematic, schedule additional inspections or maintenance.</p> <p>Repair or replace facility field markers according to Technical Bulletin GE10-01(B). A marked facility has an O&amp;M Plan.</p>
	<p>Maintenance of ancillary structures, if present</p> <p>Examples include</p> <ul style="list-style-type: none"> <li>• Flow splitter manhole</li> <li>• Diversion manhole</li> <li>• Catch basin</li> <li>• Shut-off valve assembly</li> <li>• Pretreatment or primary treatment manhole</li> <li>• Large detention pipe</li> <li>• Vault</li> <li>• Outfall</li> </ul>	Damage or problems are observed or anticipated during the annual inspection.	<p>Grease moving parts to ensure proper operation.</p> <p>Remove sediment from sumps, vaults, catch basins, and structures to prevent the release of oil or sediment. Annual cleaning is recommended. The use of a Vactor® truck is allowed unless prohibited in the facility's O&amp;M manual</p> <p>Repair or replace damaged orifice assembly/riser pipe. Restore to design standards. Be aware of possible confined space requirements.</p> <p>Repair or replace damaged gates, locks, chains, etc that are used to secure valves and access points to prevent vandalism</p>
General	Temporary erosion control hampers maintenance	Erosion control remains from project construction (contractor did not remove)	Contact contractor to complete work OR remove temporary erosion control that is not specified in the O&M Plan.

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General	Spilled material has entered the pond or structures	Oil, fuel, or other pollutants are evident following a spill event or accident.	<p>Utilize valves or other features, if present, to contain the spilled material.</p> <p>Remove and properly manage spilled material and contaminated soil.</p> <p>Contact Region HazMat or spill response company for spill cleanup assistance where appropriate.</p> <p>Contact a Region Hydraulic Engineer for technical assistance with pond restoration, if necessary.</p>
	Litter (trash and debris)	Trash poses a hazard, inhibits function, or is aesthetically unacceptable (e.g. evidence of dumping).	<p>Remove problematic trash and debris as soon as practical. There should be no evidence of dumping.</p> <p>Remove non-problematic trash in accordance with District litter practices.</p>
	Insects	Insects interfere with maintenance activities.	Implement vector control in accordance with County Health and District practices.
	Vegetation growth (mowing and brushing)	Vegetation growth restricts access, limits sight distance, obstructs water flow, or interferes with maintenance activity.	<p>Mow access, berms, bottom, and side-slopes of the facility as noted in the District Integrated Vegetation Management (IVM) Plan.</p> <p>Remove vegetation in or around grates that obstruct (or could obstruct) flow.</p> <p>Avoid mowing or removing vegetation that does not need to be controlled.</p> <p>Avoid removing vegetation too low to the ground. NOTE: Removing vegetation too near to the ground may result in scalping of the soil, unwanted damaged to vegetation, or growth of unwanted plant species.</p> <p>Heavy equipment is allowed within aboveground water quality and detention facilities unless access restrictions are listed in the O&amp;M Manual.</p>

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	Noxious weed growth	Control of noxious weeds is required by law or prescribed in the District IVM Plan	<p>Remove noxious weeds in accordance with the District IVM Plan.</p> <p>Follow Environmental Protection Agency (EPA) label and ODOT policies on herbicide usage.</p>
General	Hazard trees	Trees are found to be weakened, unsound, undermined, leaning, or exposed and may fall across the highway	<p>Remove hazard trees as soon as practical.</p> <p>Where appropriate, consult an ODOT Forester for help identifying or removing hazard trees.</p>
	Tree growth	Tree growth restricts access, obstructs function, jeopardizes infrastructure, or interferes with maintenance actions.	<p>Prune or remove as needed to maintain access, function, and tree health.</p> <p>Manage potentially problematic woody material before the trees reach 6 inches diameter at breast height (DBH).</p> <p>Consult an ODOT Forester for the removal or management of trees greater than 6 inches DBH. Obtain permits where appropriate.</p> <p>Refer to the District IVM Plan for the management of smaller trees.</p> <p>Avoid removing trees that will not interfere with the operation or maintenance of the facility.</p>