



Your Actions Prevent Stormwater Pollution!

Standard Operating Procedures for Water Quality Protection

Detention Pond Maintenance SOP

Why

Standard Operating Procedures (SOPs) have been prepared for all activities conducted as part of the City's Municipal Operations that have the potential to impact 'waters of the state. One of the primary goals of these SOPs is to provide time-tested, generally accepted routine procedures that minimize the potential for release of pollutants during the performance of municipal operations activities.

What

Detention Pond Maintenance is an operational best management practice (BMP) developed to control pollutant discharges by keeping these stormwater facilities operating properly with routine maintenance including mowing and debris control. These procedures are critical steps that must be included during pond maintenance on an annual basis, as an intermediate inspection, or on an as-needed basis after a storm event.



Who

All City employees or City-contracted personnel responsible for maintenance of stormwater features.

Where

All detention ponds currently existing at City facilities.

DO

- Inspect inlet and outlet works initially on a monthly basis until the appropriate timing of maintenance is established; then conduct maintenance per schedule.
- Conduct maintenance per schedule, or on an as-needed basis as identified during an annual inspection or on an as-needed basis after a storm event.
- Keep screen and/or trash rack free from debris using established maintenance schedule or on an as-needed basis after a storm event; notify supervisor if screen or rack is in need of maintenance.
- Report damage/compromise to side slopes, pond banks, inlet pipe, trickle channels, outlet structure; prepare a repair schedule and complete repairs.
- Remove vegetation adjacent to outlet works that may interfere with operation; note if noxious weeds present and notify supervisor.
- Remove debris and trash from the detention pond and surrounding area and dispose properly.
- When mowing, collect grass clippings and all other clippings/trimmings and take offsite for disposal or dispose in trash on site.
- Notify supervisor any hazardous conditions or materials found during inspection.

DO NOT

- DO NOT mow detention pond too close to the surface; height should be 4 to 6 inches to maintain healthy grasses.
- DO NOT clean equipment or conduct maintenance on equipment in the detention pond, or near a storm drain or other stormwater conveyance feature.
- DO NOT leave grass clippings or trimming residue in pond; collect and dispose of in trash.
- DO NOT apply landscaping chemicals in pond area, or in areas where the residue could make it into the pond during a storm event.
- DO NOT attempt to clean up any unidentified or possibly hazardous materials found in or around pond during inspections; notify supervisor immediately upon discovery of hazardous materials.