

## Public Inspection and Maintenance Checklist Sand Filters (Above Ground/Open)

Date: \_\_\_\_\_ Work Order # \_\_\_\_\_

Type of Inspection:     Storm         Weekly         Monthly         Annual

Facility: \_\_\_\_\_ Inspector(s): \_\_\_\_\_

Defect	Conditions When Maintenance Is Needed	Maintenance (1 or 2) <sup>†</sup>	Comments
<b>General</b>			
Sediment Accumulation on top layer*	Sediment depth exceeds 1/2-inch.		
Trash and Debris Accumulation*	Trash and debris accumulated on sand filter bed.		
Sediment/ Debris in Clean-Outs*	When the clean-outs become full or partially plugged with sediment and/or debris.		
Sand Filter Media*	Drawdown of water through the sand filter media takes longer than 24-hours, and/or flow through the overflow pipes occurs frequently.		
Prolonged Flows	Sand is saturated for prolonged periods of time (several weeks) and does not dry out between storms due to continuous base flow or prolonged flows from detention facilities.		
Short Circuiting	When flows become concentrated over one section of the sand filter rather than dispersed.		
Erosion Damage to Slopes	Erosion over 2-inches deep where cause of damage is prevalent or potential for continued erosion is evident.		
Rock Pad Missing or Out of Place	Soil beneath the rock is visible.		
Flow Spreader*	Flow spreader uneven or clogged so that flows are not uniformly distributed across sand filter.		
Damaged Pipes	Any part of the piping that is crushed or deformed more than 20% or any other failure to the piping.		

<sup>†</sup> Maintenance: Enter 1 if maintenance is need and include WO#. Enter 2 if maintenance was performed same day.

\*Indicates parameters that are tracked in Maximo.