

Public Inspection and Maintenance Checklist Wetponds

Date: _____ Work Order # _____

Type of Inspection: Storm Weekly Monthly Annual

Facility: _____ Inspector(s): _____

Defect	Conditions When Maintenance Is Needed	Maintenance (1 or 2) [†]	Comments
General			
Water level	First cell is empty, doesn't hold water.		
Trash and Debris*	Accumulation that exceeds 1 CF per 1000-SF of pond area.		
Inlet/Outlet Pipe*	Inlet/Outlet pipe clogged with sediment and/or debris material.		
Sediment Accumulation in Pond Bottom*	Sediment accumulations in pond bottom that exceeds the depth of sediment zone plus 6-inches, usually in the first cell.		
Oil Sheen on Water	Prevalent and visible oil sheen.		
Erosion*	Erosion of the pond's side slopes and/or scouring of the pond bottom, that exceeds 6-inches, or where continued erosion is prevalent.		
Settlement of Pond Dike/Berm*	Any part of these components that has settled 4-inches or lower than the design elevation, or inspector determines dike/berm is unsound.		
Internal Berm	Berm dividing cells should be level.		
Overflow Spillway	Rock is missing and soil is exposed at top of spillway or outside slope.		
Debris Barriers (e.g., Trash Racks)			
Trash and Debris*	Trash or debris that is plugging more than 20% of the openings in the barrier.		
Damaged/ Missing Bars	Bars are bent out of shape more than 3 inches.		
	Bars are missing or entire barrier missing.		
	Bars are loose and rust is causing 50% deterioration to any part of barrier.		
Inlet/Outlet Pipe	Debris barrier missing or not attached to pipe		

[†] 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.

Defect	Conditions When Maintenance Is Needed	Maintenance (1 or 2)[†]	Comments
Fencing			
Missing or broken parts	Any defect in the fence that permits easy entry to a facility.		
Erosion	Erosion more than 4 inches high and 12-18 inches wide permitting an opening under a fence.		
Damaged Parts	Damage to gate/fence, posts out of plumb, or rails bent more than 6 inches		
Deteriorating Paint or Protective Coating	Part or parts that have a rusting or scaling condition that has affected structural adequacy.		
Gates			
Damaged or missing member	Missing gate or locking devices, broken or missing hinges, out of plum more than 6 inches and more than 1 foot out of design alignment, or missing stretcher bar, stretcher bands, and ties.		

[†] 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.