

Wetponds

Date Inspected _____

Drainage System Feature	Potential Defect	Conditions When Maintenance Is Needed	Results Expected When Maintenance Is Performed Or Not Needed	<input checked="" type="checkbox"/>
General	Water level	First cell is empty, doesn't hold water.	Line the first cell to maintain at least four feet of water. Although the second cell may drain, the first cell must remain full to control turbulence of the incoming flow and reduce sediment resuspension.	<input type="checkbox"/>
	Trash and Debris	Accumulation that exceeds one cubic foot per 1,000 square feet of pond area.	Trash and debris removed from pond.	<input type="checkbox"/>
	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.	Sediment removed from pond bottom.	<input type="checkbox"/>
	Oil Sheen on Water	Prevalent and visible oil sheen.	Oil removed from water using oil-absorbent pads or vactor truck. Source of oil located and corrected. If chronic low levels of oil persist, plant wetland plants such as <i>Juncus effusus</i> (soft rush) which can uptake small concentrations of oil.	<input type="checkbox"/>
	Erosion	Erosion of the pond's side slopes and/or scouring of the pond bottom that exceeds six inches, or where continued erosion is prevalent.	Slopes stabilized using proper erosion control measures and repair methods.	<input type="checkbox"/>
	Settlement of Pond Dike/Berm	Any parts of these components that have settled four inches or lower than the design elevation, or inspector determines dike/berm is unsound.	Dike/berm is repaired to specifications.	<input type="checkbox"/>
	Internal Berm	Berm dividing cells should be level.	Berm surface is leveled so that water flows evenly over entire length of berm.	<input type="checkbox"/>
	Overflow Spillway	Rock is missing and soil is exposed at top of spillway or outside slope.	Rocks replaced to specifications.	<input type="checkbox"/>