

## Inspection and Maintenance Checklist Wet Ponds

Property Address: \_\_\_\_\_ Property Owner: \_\_\_\_\_

Date of Inspection: \_\_\_\_\_ Type of Inspection:  Pre-rainy season  Monthly  Quarterly  Annual  Re-inspection<sup>1</sup>

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

Item	Conditions When Maintenance Is Needed	Maintenance Needed? (Y/N)	Comments (Describe maintenance completed; and if any needed maintenance was not conducted, note what is needed and when it will be done)	Results Expected When Maintenance Is Performed
<b>General</b>				
Water level	First cell is empty, doesn't hold water.			Line the first cell to maintain at least 4 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.
Trash & Debris	Trash and debris accumulated in pond.			Trash and debris removed from pond.
Sediment Accumulation in the Pond Bottom	Sediment accumulations in pond bottom that exceeds the depth of sediment zone.			Sediment removed from pond bottom.
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 Juncus effuses (soft rush) which can uptake small concentrations of oil.
Erosion	Erosion of the pond's side slopes and/or scouring of the pond's bottom, that exceeds 6-inches, or where continued erosion is prevalent.			Slopes stabilized using proper erosion control measures and repair methods.

<sup>1</sup> Re-inspection of a previously-noted maintenance issue

Draft Wet Ponds Inspection Checklist

Inspection Date: \_\_\_\_\_

Property Address: \_\_\_\_\_

Treatment Measure No.: \_\_\_\_\_

Item	Conditions When Maintenance Is Needed	Maintenance Needed? (Y/N)	Comments (Describe maintenance completed; and if any needed maintenance was not conducted, note what is needed and when it will be done)	Results Expected When Maintenance Is Performed
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.			Dike/berm is repaired to specifications.
Internal Berm	Berm dividing cells should be level.			Berm surface is leveled so that water flows evenly over entire length of berm.
Overflow Spillway	Rock is missing and soil is exposed at top of spillway or outside slope.			Rocks replaced to specifications.
Mosquito Vector Breeding	Suitable habitats exist for mosquito production (e.g., standing water for more than 72 hours in areas accessible to mosquitoes; presence of excessive cattails or other vegetation precluding access for vector control purposes.)			Standing water no longer exists or is inaccessible to mosquitoes. Vegetation controlled using IPM techniques.