

## **Constructed Wetland**

Address: Location on site: Date & Time: Inspector:

Inspector phone number:

## General Notes:

- Any item identified as unsatisfactory will require corrective action.
- Vegetation, weeds or invasive species to be removed manually. Avoid the use of herbicides, pesticides and fungicides in and around the wetland area.
- Fertilizers should not be used in wetland areas.

Inspection Item		Satisfactory (S) or Unsatisfactory (U)		Comments	Common Corrective Actions
General	Access adequately maintained?	s	U		Remove impediments to access
	Litter removed? No blockages at inlet or overflow?	s	U		Clear debris from vegetated and open water areas. Clear the inlet and overflow of trash and sediment if obstructed.
	Side slopes or embankments are stable and free of erosion, rills, gullies, and sink holes? Side slopes 4:1 or flatter? No signs of erosion at bank?	s	U		Identify and correct the cause of the erosion and stabilize eroded areas.
	Sediment accumulation is less than 50% of capacity.	S	U		Dredge sediment to restore to the design capacity.
	Mosquito proliferation	s	U		Eliminate stagnant pools if feasible, and treat for mosquitoes as needed. If sprays are considered, then a mosquito larvicide, such as Bacillus thurendensis or Altoside formulations can be applied only if absolutely necessary. Can also stock the basin with mosquito fish to provide natural mosquito & midge control.
	Standing water is clear, with no oily sheen, excessive algae, growth or odors?	s	U		Verify outlet control is maintaining correct permanent pool elevation.
	At 5 plus years of age, monitor sediment accumulation and remove when one-quarter of the design volume has been lost.	s	U		Remove excess sediment and reestablish grade per original design. Reestablish vegetation as necessary.
	Signage present and intact if required?	s	U		Repair or replace signage as necessary.
Inlet and Outlet Operation	No evidence that water is going around the inlet or pre treatment/forebay structures(if applicable)?	s	U		Grading needed to reroute flow to match drainage pattern per original plan.
	Inlets, outlets, pipes or riser structures (as applicable) in good condition? No evidence of settling or other structural deficiencies?	s	U		Repair or replace any damaged structural parts, inlets, outlets or subgrade.
	No evidence of erosion at inlet, outlet, downstream of outlet, overflow structure, or spillway (if applicable)?	s	U		Repair erosion as it occurs. Fill holes with media and lightly compact.
	Water quality orifice is visible and not under water? Water levels are not abnormally high or low?	s	U		Clear blockages of the riser or orifice(s) and make other adjustments needed to meet the approved design specifications.
Vegetation	Vegetation installed per the construction plans? Plant composition consistent with approved plans?	S	U		Add/remove/replace plantings as needed to comply with plan coverage and composition.
	Vegetation maintained? (Plants stable and dead vegetation removed)	s	U		Remove dead or dying vegetation as needed.
	Weeds and invasive plant species are not present?	S	U		Remove weeds and invasive plants.
	No trees or woody vegetation present at the inlet, embankments, spillways or outlet.	s	U		Remove woody vegetation in these areas.
Corrective Actions Needed Completion Date					

2

3

## Signature

I certify that this inspection was performed consistent with the Memorandum of Agreement(s) regarding Long Term Maintenance and Operation including attached construction plans/details and the intent MSD's local Wastewater/Stormwater Discharge Regulations controlling the discharge of stormwater from this property. I am aware that there are significant penalties for submitting false of inaccurate information, including the possibility of revocation of your Qualified Post Construction Inspection (QPCI) Certification, fines, or imprisonment for known violations.

Inspector Signature Date