Operation and Maintenance Inspection Report for Stormwater Management Ponds

(Adapted from Watershed Management Institute, Inc.)

Inspector Name _____

Inspection Date _____

Stormwater Pond

Normal Pool _____

Normally Dry _____

Project Location

_____

_____

_____

Watershed _____

Inspection Items	Checked? Yes / No	Maintenance Needed? Yes / No	Inspection Frequency	Comments
Pond Components				
1. Embankment and Emergency spillway				
a. Adequate vegetation and ground cover			A	
b. Embankment erosion			A	
c. Animal burrows			A	
d. Unauthorized plantings			A	
e. Cracking, bulging, or sliding of dam				
i. Upstream face			A	
ii. Downstream face			A	
iii. At or beyond toe Upstream			A	
Downstream			A	
iv. Emergency spillway			A	
f. Pond, toe & chimney drains clear and functioning			A	
g. Leaks on downstream face			A	
h. Abutment protection or riprap failures			A	
i. Visual settlement or horizontal misalignment of top of dam			A	
j. Emergency spillway clear of debris			A	
k. Other (specify)			A	
2. Riser and principal spillway				
Type: Reinforced concrete _____ Corrugated pipe _____ Masonry _____				
a. Low flow orifice obstructed			A	
b. Low flow trash rack i. Debris removal necessary			A	
ii. Corrosion control			A	
c. Weir trash rack i. Debris removal necessary			A	
ii. Corrosion control			A	

Inspection Items		Checked? Yes / No	Maintenance Needed? Yes / No	Inspection Frequency	Comments
d.	Excessive sediment accumulation inside riser			A	
e.	Concrete/Masonry condition Riser and barrels i. Cracks or displacement			A	
	ii. Minor spalling (<1")			A	
	iii. Major spalling (rebars exposed)			A	
	iv. Joint failures			A	
	v. Water tightness			A	
f.	Metal pipe condition			A	
g.	Control valve i. Operational/exercised			A	
	ii. Chained and locked			A	
h.	Pond drain valve			A	
	i. Operational/exercised			A	
	ii. Chained and locked			A	
i.	Outfall channels flowing			A	
j.	Other (specify)			A	
3.	Permanent pool (wet ponds)				
a.	Undesirable vegetative growth			M	
b.	Floating or floatable debris removal required			M	
c.	Visible pollution			M	
d.	High Water Marks			M	
e.	Shoreline problems			M	
f.	Other (specify)			M	
4.	Sediment forebays				
a.	Sedimentation Noted			M	
b.	Sediment removal when depth < 50% design depth			M	
5.	Dry pond areas				
a.	Vegetation adequate			M	
b.	Undesirable vegetative growth			M	
c.	Undesirable woody vegetation			M	
d.	Low flow channels clear of obstructions			M	
e.	Standing water or wet spots			M	
f.	Sediment and/or trash accumulation			M	
g.	Other (specify)			M	
6.	Condition of outfalls into pond				
a.	Riprap failures			A,S	
b.	Slope erosion			A,S	
c.	Storm drain pipes			A,S	
d.	Endwalls/headwalls			A,S	
e.	Other (specify)			A,S	

Inspection Items	Checked? Yes / No	Maintenance Needed? Yes / No	Inspection Frequency	Comments
7. Other				
a. Encroachments on ponds or easement area			M	
b. Complaints from residents (describe on back)			M	
c. Aesthetics i. Grass height			M	
ii. Graffiti removal necessary			M	
iii. Other (specify)			M	
d. Any public hazards (specify)			M	
e. Maintenance access			M	
8. Constructed wetland areas				
a. Vegetation healthy and growing			A	
b. Evidence of invasive species			A	
c. Excessive sedimentation in wetland area			A	

Inspection Frequency Key A=Annual, M=Monthly, S=After major storm

Summary

1. Inspectors Remarks: _____

2. Overall condition of Facility (Check one)
   _____ Acceptable
   _____ Unacceptable

3. Dates any maintenance must be completed by:

_____

Inspectors Signature