

Appendix C-2

Operation and Maintenance Inspection Report for Engineered Stormwater Management Ponds

Project Location: _____

Date: _____

Contact Name: _____

Phone Number: _____

Inspection Items	Checked? Yes/No	Maintenance Needed? Yes/No	Inspection Frequency	Comments
Pond Components				
1. Embankment and Emergency Spillway			A	
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			A	
i. Upstream Face			A	
ii. Downstream Face			A	
iii. At or Beyond Toe			A	
Upstream			A	
Downstream			A	
iv. Emergency Spillway			A	
f. Pond, Toe, and Chimney Drains Clear and Functioning			A	
g. Leaks on Downstream Face			A	
h. Abutment Projection 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			A	
Type:			A	
Reinforced Concrete			A	
Corrugated Pipe			A	
Masonry			A	
a. Low Flow Orifice Obstructed			A	
b. Low Flow Trash Rack			A	
i. Debris Removal Necessary			A	
ii. Corrosion Control			A	

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c.	Weir Trash Rack			A
	i.	Debris Removal Necessary		A
	ii.	Corrosion Control		A
d.	Excessive Sediment Accumulation Inside Riser			A
e.	Concrete / Masonry Condition (Riser and Barrels)			A
	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			A
	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)			M
	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			M
	a.	Sedimentation Noted		M
	b.	Sediment Removal when Depth <50% Design Depth		M
5.	Dry Pond Areas			M
	a.	Vegetation Adequate		M
	b.	Undesirable Vegetative Growth		M
	c.	Undesirable Woody Vegetation		M
	d.	Low Flow Channels Clear of Obstruction		M
	e.	Standing Water or Wet Spots		M
	f.	Sediment and/or Trash Accumulation		M
	g.	Other (Specify):		M

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6. Condition of Outfalls Into Ponds			A,S	
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	
7. Other			M	
a. Encroachments on Ponds or Easement Area			M	
b. Complaints from Residents (describe on back)			M	
c. Aesthetics			M	
i. Grass Height			M	
ii. Graffiti Removal Necessary			M	
iii. Other (Specify):			M	
d. Any Public Hazards (Specify)			M	
e. Maintenance Access			M	

Inspection Frequency Key: A = Annual M = Monthly S = After Major Storm

Summary:

1. Inspector Remarks:

2. Overall Condition of Facility (check one):

_____ Acceptable

_____ Unacceptable

3. Dates Any Maintenance Must Be Completed By:

Administrator/Property Owner (Print name and sign)