

Pond Maintenance Inspection Form

General Information				Facility Type		
Facility Name:	Land use:			P-1 micropool extended detention pond		
Address:	Inspector:			P-2 wet pond		
	As-Built:			P-3 wet extended detention pond		
	Date:			P-4 multiple pond system pond		
Map Book:	Weather:			P-5 pocket pond		
I. Structure Access	Problem			Schedule		Comments
Item	Y	N	n/a	Routine	Urgent	
a. Access Road						
1. Surface repairs needed						
2. Curb repairs needed						
3. Rills/gullies (road bed/adjacent slopes)						
4. Discharge points inadequate						
5. Earth slumps						
6. Trees, brush, woody vegetation						
7. Mowing needed						
b. Fencing						
1. Fence > 4' at outlet						
2. Lock(s) missing on perimeter gate(s)						
3. Fence repairs needed						
4. Gate repairs needed						
c. Riser/pond drain						
1. Inaccessible						
2. Pond drain lock(s) missing						
3. Railing > 4 at riser (if yes, problem?)						
4. Vandalism evident						

II. Embankment Item	Problem			Schedule		Comments
	Y	N	n/a	Routine	Urgent	
a. Crest						
1. Erosion – rills/gullies						
2. Cracks, slumps, depression, bulges						
3. Settlement – especially over barrel						
b. Upstream Slope						
1. Erosion – rills/gullies						
2. Cracks, slumps, depressions, bulges						
3. Rip-rap slope protection inadequate						
4. Animal burrows						
c. Downstream Slope						
1. Erosion – rills/gullies						
2. Cracks, slumps, depressions, bulges						
3. Soft areas						
4. Lush/wetland type vegetation						
5. Woody vegetation < 15' from toe						
6. Seepage on slope/at toe and beyond						
7. Spring seeps						
8. “Boils – cone-shaped material at toe						
9. Ice buildup						
10. Animal burrows						
d. Vegetation (specify upstream,, downstream, crest						
1. Turf cover poor/sparse						
2. Trees, brush, woody vegetation						
3. Mowing needed						

III. Spillway/Outlet Works	Problem			Schedule		Comments
	Item	Y	N	n/a	Routine	
a. Principal Spillway						
1. Woody growth ≤ 5' from barrel						
2. Woody growth ≤ 25' from riser						
3. Trash rack inadequate/missing						
4. Trash rack inadequately attached						
5. Barrel pipe deflation						
6. Riser/barrel/barrel joint seepage						
7. Anti-vortex device not secure						
8. Manhole/cover inadequate/missing						
9. Pond drain inoperable or leaking						
10. Metal corroded/deteriorated coating						
11. Reinforced steel exposed						
12. Concrete spalling						
13. Debris present						
14. Plunge pool clogged/heavily eroded						
15. Riser clogged						
16. Low flow orifice clogged						
b. Outlet						
1. Debris present						
2. Erosion in/below outlet plunge area.						
3. Erosion – especially exit channel						
4. Riprap protection inadequate						
5. Trees, brush, woody vegetation						
6. Mowing needed						
c. Emergency Spillway						
1. Debris present						
2. Erosion – rills/gullies						
3. Soft/wet areas						
4. Trees, brush, woody vegetation						
5. Mowing needed						

IV. Pool Area/Conveyance Item	Problem			Schedule		Comments
	Y	N	n/a	Routine	Urgent	
a. Pool Area						
1. Debris present						
2. Pond side slope instability						
3. Sediment accumulation						
4. Divider dike erosion						
5. Aquatic/safety benches inadequate						
6. Pools stagnant, isolated						
7. High water marks present						
b. Conveyance System						
1. Erosion/pool slope instability						
2. Excessive sediment/debris in forebay						
3. Concrete conveyances inadequate						
4. Vegetated conveyances inadequate						
5. Endwall, headwall defects						
6. Inflow points undercut/eroded						
7. Inflow rip-rap inadequate						
8. Sediment accumulation at inflow points						
9. Forebay capacity < 50% total storage						
10. Excessive algae						

Other Comments: _____
