

POND / WETLAND MAINTENANCE INSPECTION FORM

Facility Number: _____ Date: _____ Time: _____
 Subdivision Name: _____ Watershed: _____
 Weather: _____ Inspector(s): _____
 Date of Last Rainfall: _____ Amount: _____ Inches Streets: _____
 Mapbook Location: _____ GPS Coordinates: _____
 Property Classification: Residential 9 Government 9 Commercial 9 Other: _____

Type of Practice: Wet Pond 9 Dry Pond 9 Micropool ED 9 Multiple Pond System 9 Pocket Pond 9
 Shallow Wetland 9 Shallow ED 9 Pond/ Wetland 9 Pocket Wetland 9

Confined 9 Unconfined 9 Barrel Size _____ As-built Plan Available? Yes 9 No 9
 Is Facility Inspectable? Yes 9 No 9 Why? _____ Comments Specific Location(s): _____

Scoring Breakdown:

N/A = Not Applicable **1 = Monitor (potential for future problem exists)** * **Use open space in each section to further explain scoring as needed**
N/I = Not Investigated **2 = Routine Maintenance Required**
0 = Not a Problem **3 = Immediate Repair Necessary**

1. Outfall Channel(s) from Pond

Woody growth within 5' of outfall barrel	N/A	N/I	0	1	2	3
Outfall channel functioning	N/A	N/I	0	1	2	3
Manholes, Frames and Covers	N/A	N/I	0	1	2	3
Released water undercutting outlet	N/A	N/I	0	1	2	3
Erosion	N/A	N/I	0	1	2	3
Displaced rip rap	N/A	N/I	0	1	2	3
Excessive sediment deposits	N/A	N/I	0	1	2	3
Other:	N/A	N/I	0	1	2	3

2. Downstream Dam Bank

Cracking, bulging, or sloughing of dam	N/A	N/I	0	1	2	3
Erosion and/or loss of dam material	N/A	N/I	0	1	2	3
Animal burrows	N/A	N/I	0	1	2	3
Soft spots or boggy areas	N/A	N/I	0	1	2	3
Woody growth or unauthorized plantings on dam	N/A	N/I	0	1	2	3
Other:	N/A	N/I	0	1	2	3

3. Upstream Dam Bank

Cracking, bulging, or sloughing of dam	N/A	N/I	0	1	2	3
Erosion and/or loss of dam material	N/A	N/I	0	1	2	3
Animal Burrows	N/A	N/I	0	1	2	3
Soft spots or boggy areas	N/A	N/I	0	1	2	3
Woody growth or unauthorized plantings on dam	N/A	N/I	0	1	2	3
Other:	N/A	N/I	0	1	2	3

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4. Emergency Spillway

Woody growth or unauthorized plantings	N/A	N/I	0	1	2	3
Erosion or back cutting	N/A	N/I	0	1	2	3
Soft or boggy areas	N/A	N/I	0	1	2	3
Obstructions / debris	N/A	N/I	0	1	2	3

5. Principal Spillway Built to Plans

# of Barrels: _____	Size: _____	RCP	CMP	PVC	STEEL	or	MASONRY	(Circle One)
Confined space entry permit required for entry into all riser and barrels				Entry Approved 9			Entry Denied 9	
Minor spalling or parging (<1")	N/A	N/I	0	1	2	3		
Major spalling (exposed rebar)	N/A	N/I	0	1	2	3		
Joint failure	N/A	N/I	0	1	2	3		
Loss of joint material	N/A	N/I	0	1	2	3		
Leaking	N/A	N/I	0	1	2	3		
Corrosion	N/A	N/I	0	1	2	3		
Protective material deficient	N/A	N/I	0	1	2	3		
Misalignment or split seams / joints	N/A	N/I	0	1	2	3		
Other:	N/A	N/I	0	1	2	3		

6. Riser Built to Plans

Size: _____	CONC	CMP	or	MASONRY	(Circle One)	
Minor spalling or parging (<1")	N/A	N/I	0	1	2	3
Major spalling (exposed rebar)	N/A	N/I	0	1	2	3
Joint failure	N/A	N/I	0	1	2	3
Loss of joint material	N/A	N/I	0	1	2	3
Leaking	N/A	N/I	0	1	2	3
Manhole access and steps acceptable	N/A	N/I	0	1	2	3
Corrosion	N/A	N/I	0	1	2	3
Protective material deficient	N/A	N/I	0	1	2	3
Misalignment or split seams / joints	N/A	N/I	0	1	2	3
Anti-vortex device secure / acceptable	N/A	N/I	0	1	2	3
Sediment Accumulation within riser	N/A	N/I	0	1	2	3
Woody or vegetative growth within 25' of riser	N/A	N/I	0	1	2	3
Safety Rebar/pipes in place	N/A	N/I	0	1	2	3
Safety Rebar/pipes corroded	N/A	N/I	0	1	2	3
Other:	N/A	N/I	0	1	2	3

7. Low Flow Built to Plans

Orifice and/or trash rack obstructed	N/A	N/I	0	1	2	3
Trash Rack Corrosion	N/A	N/I	0	1	2	3
Other:	N/A	N/I	0	1	2	3

8. Weir Trash Rack

Structurally sound	N/A	N/I	0	1	2	3
Debris removal necessary	N/A	N/I	0	1	2	3
Corrosion	N/A	N/I	0	1	2	3

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9. Control Valve(s) Built to Plans

Size: _____	Type: _____					
Operation limited	N/A	N/I	0	1	2	3
Exercised	N/A	N/I	0	1	2	3
Leaks	N/A	N/I	0	1	2	3
Chains & Locks	N/A	N/I	0	1	2	3
Set to design opening	N/A	N/I	0	1	2	3
Other:	N/A	N/I	0	1	2	3

10. Pond Drain Valve

Operation limited	N/A	N/I	0	1	2	3
Exercised	N/A	N/I	0	1	2	3
Leaks	N/A	N/I	0	1	2	3
Chained & locked correctly	N/A	N/I	0	1	2	3
Other:	N/A	N/I	0	1	2	3

11. Toe & Chimney Drains Clear & Functioning

	N/A	N/I	0	1	2	3
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12. Rip-Rap Pilot Channel (Micropool only)

Sediment or debris build up	N/A	N/I	0	1	2	3
Erosion/ Undermining	N/A	N/I	0	1	2	3

13. Permanent Pool

Visible pollution	N/A	N/I	0	1	2	3
Shoreline and / or side slope erosion	N/A	N/I	0	1	2	3
Aquatic bench inadequately vegetated	N/A	N/I	0	1	2	3
Abnormally high or low water (pool) levels	N/A	N/I	0	1	2	3
Sediment / debris accumulation	N/A	N/I	0	1	2	3
Bathometric study recommended			No		Yes	
Other?	N/A	N/I	0	1	2	3

14. Dry Storage

Vegetation sparse	N/A	N/I	0	1	2	3
Undesirable woody or vegetative growth	N/A	N/I	0	1	2	3
Low flow channels obstructed	N/A	N/I	0	1	2	3
Standing water or spots	N/A	N/I	0	1	2	3
Sediment or debris accumulation	N/A	N/I	0	1	2	3
Bathometric study recommended			No		Yes	
Other:	N/A	N/I	0	1	2	3

15. Pretreatment

Maintenance access	N/A	N/I	0	1	2	3
Is pretreatment a practice other than a forebay			No		Yes	Of so, _____(code)
Dredging required			No		Yes	
Hard pad condition (Wet pond only)	N/A	N/I	0	1	2	3
Fixed vertical sediment depth marker present			No		Yes	
Marker Reading _____						
Sediment accumulation	N/A	N/I	0	1	2	3 Estimated % full _____%

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16. Inflow Points							
Number of inflow pipes: _____	Direction:		N	E	W	S	
Endwalls, headwalls, end sections	N/A	N/I	0	1	2	3	
Outfall pipes	N/A	N/I	0	1	2	3	
Discharge undercutting outlet or displacing rip-rap	N/A	N/I	0	1	2	3	
Discharge water is causing outfall to erode	N/A	N/I	0	1	2	3	
Sediment accumulation	N/A	N/I	0	1	2	3	

17. Wet Pond Vegetation							
Invasive plants	N/A	N/I	0	1	2	3	
% cover _____							
Vegetation matches landscape design plan	N/A	N/I	0	1	2	3	
Planting needed	N/A	N/I	0	1	2	3	
Shore erosion	N/A	N/I	0	1	2	3	
Coverage needs improvement	N/A	N/I	0	1	2	3	

18. Pond Buffer							
Encroachment by structures	N/A	N/I	0	1	2	3	
Clearing of vegetation	N/A	N/I	0	1	2	3	
Planting needed	N/A	N/I	0	1	2	3	
Predominant vegetation types:	Forested	9	Shrubs	9	Meadow	9	Maintained Grass 9 Other: _____

19. Special Structures							
Manhole access (steps, ladders)	N/A	N/I	0	1	2	3	
Vehicular access	N/A	N/I	0	1	2	3	
Concrete/masonry condition	N/A	N/I	0	1	2	3	
Trash racks	N/A	N/I	0	1	2	3	
Elbows	N/A	N/I	0	1	2	3	
Sediment / trash removal	N/A	N/I	0	1	2	3	
Manhole lockable nuts	N/A	N/I	0	1	2	3	

20. Miscellaneous							
Encroachment in pond area and/or easement area	N/A	N/I	0	1	2	3	
Fence condition	N/A	N/I	0	1	2	3	
Safety signs	N/A	N/I	0	1	2	3	
Complaints from local residents	N/A	N/I	0	1	2	3	
Graffiti	N/A	N/I	0	1	2	3	
Public hazards	N/A	N/I	0	1	2	3	
Were any pad locks cut and replaced			No	Yes	How Many? _____		

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Overall Condition of Facility

Total number of concerns receiving a: (1) _____ - Need Monitoring
 (2) _____ - Routine Repair
 (3) _____ - Immediate Repair Needed

Inspector's Summary

Pictures

Clock/Degrees

Prin. Spill. Barrel Joints

Clock/Degrees

1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____
7.	_____	_____
8.	_____	_____
9.	_____	_____
10.	_____	_____
11.	_____	_____
12.	_____	_____
13.	_____	_____
14.	_____	_____
15.	_____	_____

1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____
7.	_____	_____
8.	_____	_____
9.	_____	_____
10.	_____	_____
11.	_____	_____
12.	_____	_____
13.	_____	_____
14.	_____	_____
15.	_____	_____

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Sketches, If Necessary:

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