

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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| | | | | | | |
|--|-----|-----|---|---|---|---|
| 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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POND / WETLAND MAINTENANCE INSPECTION FORM**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

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 |
| Bathymetric 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 |
| Bathymetric 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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| 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 <input type="checkbox"/> | Shrubs <input type="checkbox"/> | Meadow <input type="checkbox"/> | Maintained Grass <input type="checkbox"/> | 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 |
| Excessive mosquitoes | N/A | N/I | 0 | 1 | 2 | 3 |
| Were any pad locks cut and replaced | No | Yes | How Many? _____ | | | |

Total number of concerns receiving a:

(1)_____ - Need Monitoring

(2)_____ - Routine Repair

(3)_____ - Immediate Repair Needed

[illegible]

| Pictures | | Clock/Degrees | Prin. Spill. Barrel Joints | | Clock/Degrees |
|----------|--|---------------|----------------------------|--|---------------|
| 1. | | | 1. | | |
| 2. | | | 2. | | |
| 3. | | | 3. | | |
| 4. | | | 4. | | |
| 5. | | | 5. | | |
| 6. | | | 6. | | |
| 7. | | | 7. | | |
| 8. | | | 8. | | |
| 9. | | | 9. | | |
| 10. | | | 10. | | |
| 11. | | | 11. | | |
| 12. | | | 12. | | |
| 13. | | | 13. | | |
| 14. | | | 14. | | |
| 15. | | | 15. | | |

Sketches, If Necessary: