

## WET DETENTION: O & M Inspection Checklist

	<u>YES</u>	<u>NO</u>	<u>N/A</u>
<b>INLETS and FOREBAY</b>			
1. Inlets are located per the approved plans:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Inlet device (swale or pipe) is free of erosion, damage or clogs:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Forebay berm is in place and without erosion:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Energy dissipaters such as rip-rap aprons and plunge pools are in place and functioning:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Forebay is free of excessive sediment:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Forebay is free of trash:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>SIDE SLOPES AND BANKS</b>			
7. Vegetated side slopes are no steeper than 3:1:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Banks are stable and free of erosion or bare soil:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Slopes or berms are free of woody vegetation:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Free of muskrat or beaver activity:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Grass is being maintained and mowed (not scalped, 4"-6" height recommended) as required:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>PERIMETER AND MAIN BAY</b>			
12. Vegetated shelf is 10:1 as permitted:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Plantings on shelf are not diseased or dying and they conform with landscaping plan:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Main treatment area is free of excess sediment accumulation:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Main treatment area is free of trash and other debris:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Algal growth covers less than 25% of the pond surface area:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Cattails, phragmites or other invasive plants cover less than 25% of the pond surface area:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Pond pool elevation is at or near (+/- 3"-4") it design permanent design level:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. Storm events draw down to permanent pool elevation in a 2 to 5 day period:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Access easement is being maintained:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>OUTLETS AND OUTLET DEVICE</b>			
21. Swale or emergency outlet bypass (spillway) is in the correct place and in good condition:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Spillway has correct ground cover as per approved device (e.g. vegetated or rip-rap):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23. Drawdown device is correctly sized free of damage or clogging:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24. Drawdown valve (if applicable) is closed and not leaking:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25. Orifice size matches the approved plans and is not clogged:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26. Outlet structure (riser) is free of damage and is structurally sound and not leaking:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27. Outlet pipe is free of damage and clogs:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28. Area at outlet pipe is free of erosion or other signs of damage:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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| 29. Energy dissipater at outlet pipe is in place and functioning:                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 30. Trash rack on riser is installed and free of damage and debris build up:             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 31. Vegetative filter and level spreader is in place and functions (if applicable):      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 32. Vegetated filter strip and level spreader inspection form completed (if applicable): | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 33. Relative elevations match the approved plans:  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 34. Fountain pump (if permitted) is less than or equal to the maximum allowable size:    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**Note:** If there is more than 1 wet detention basin on the property then a separate inspection checklist must be completed for each wet detention basin. The inspector should note on each checklist which basin the inspection form refers to and describe its location on the property

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**Date of Inspection**

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**Name of Inspector** (Please type)

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**Signature of Inspector**

**Qualification of Inspector** (Please describe your credentials/qualifications to carry out this inspection below)