

## STORMWATER WETLANDS: 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. Plants are healthy and being maintained:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>MAIN TREATMENT AREA</b>			
12. Shallow land is free of flooding at 5 days after rain event (should draw down in 2-5 days):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Main treatment area is free of excess sediment accumulation:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Main treatment area is free of trash and other debris:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Algal growth covers less than 25% of the basin surface area:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Cattails, phragmites or other invasive plants cover less than 25% of the basin surface area:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Access easement is being maintained:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>OUTLETS AND OUTLET DEVICE</b>			
18. Swale or emergency outlet bypass (spillway) is in the correct place and in good condition:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. Spillway has correct ground cover as per approved device (e.g. vegetated or rip-rap):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Deep pool near outlet is free of vegetation:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Drawdown device is correctly sized free of damage or clogging:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Drawdown valve (if applicable) is closed and not leaking:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23. Orifice size matches the approved plans and is not clogged:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24. Outlet riser (if applicable) is structurally sound and not leaking:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25. Weir size matches the approved plans and is not clogged or damaged:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26. Area at outlet is free of erosion, clogs or other signs of damage:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27. Energy dissipater at outlet is in place and functioning:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28. Trash rack is provided:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

29. The vegetated filter and level spreader is in place (if applicable):

30. Vegetated filter strip and level spreader inspection form completed (if applicable):

31. Relative elevations match the approved plans:

**Note:** If there is more than 1 wetland on the property then a separate inspection checklist must be completed for each wetland. The inspector should note on each checklist which wetland 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)