STORMWATER WETLAND CONSTRUCTION INSPECTION CHECKLIST

- The purpose of this checklist is to document that the wetland construction complies with the design, and the construction has conformed to best practice. It does not absolve the contractor from other statutory or best practice requirements not specifically referenced in the checklist.
- This checklist is to be filled in by the wetland designer and/or Council inspecting officer (if present) at any inspections during construction, and at an inspection directly prior to the issuing of practical completion.
- It is to be signed as complying by the wetland designer, Council inspecting officer (if present) and the contractor.
- If issues requiring action by the contractor are raised in the checklist, a subsequent inspection is to be carried out, and a second checklist filled out confirming resolution of the issues.
- All checklists are to be sent to Council at completion of construction (following any modifications required after the inspection). The defects liability period will not commence until the checklists have been received and approved by Council.

Asset I.D			
Site Address			
Constructed by			
Inspected by			
Contact during site visit			
Weather			
Date		**Time**	

Items Inspected	**Checked**		**Satisfactory**		**Comments**
	Yes	**No**	**Yes**	**No**	
Preliminary Works					
1. Erosion and sediment control plan adopted	☐	☐	☐	☐	
2. Limit public access	☐	☐	☐	☐	
3. Location same as plans	☐	☐	☐	☐	
4. Site protection from existing flows	☐	☐	☐	☐	
5. All required permits in place	☐	☐	☐	☐	

Items Inspected	Checked		Satisfactory		Comments
	Yes	No	Yes	No	
Post Earthworks					
6. Integrity of banks					
7. Batter slopes as per plans					
8. Impermeable (i.e. clay) liner installed as per design					
9. Impermeable liner operating as intended (i.e. no groundwater intrusion)					
10. Maintenance access to whole wetland provided as designed					
11. Maintenance access to forebay provided as designed					
12. Compaction of liner and all embankments as designed					
13. Placement of adequate planting media					
14. Levels as designed for base, benches, banks and spillway (including freeboard)					
15. Stabilisation of exposed earth with grass or similar					
16. Bathymetry constructed as per design to confirm achievement of water quality and quantity objectives.					
Structural components (post earthworks)					
17. Public safety provisions installed as per design (e.g. thick vegetation or fencing around deep water zones to prevent access, appropriate batter slopes, etc.)					
18. Pipe joints and connections as designed					
19. Concrete and reinforcement as designed					
20. Inlets appropriately installed (forebay)					
21. Inlet energy dissipation installed (forebay)					
22. No seepage through banks					
23. Ensure spillway is level and at designed level					

Items Inspected	Checked		Satisfactory		Comments
	Yes	No	Yes	No	
24. Provisions for dewatering as per design (i.e. manual drainage valve at bottom of riser structure for maintenance)					
25. Collar installed on pipes					
26. Riser structure outlets as per design to confirm achievement of water quality and quantity objectives.					
27. Protection of riser from debris (i.e. scruffy dome)					
28. Bypass channel stabilized (if applicable)					
29. Erosion protection at riser structure outlet pipe & spillway outlets (downstream)					
Vegetation (post earthworks)					
30. Vegetation appropriate to zone (depth)					
31. Weed removal prior to planting					
32. Vegetation layout and densities as designed					
33. By-pass channel vegetated					

COMMENTS ON INSPECTION

ACTIONS REQUIRED

Wetland Designer's name *(please print)*	**Wetland Designer's signature**	**Date signed**
Council Representative's name *(if present) (please print)*	**Council Representative's signature**	**Date signed**
Contractor's name *(please print)*	**Contractor's signature**	**Date signed**