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| Constructed wetland construction checklist |
| This list has been developed by Melbourne Water for use as a guide by Councils in assessing wetland construction projects. The designer should supply an inspection and test plan for construction with specific performance targets. |

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| **Location** |    |
| **Inspected by** |    |
| **Asset ID** |    |
| **Date and time** |    |

| **Item Inspected** | **Satisfactory (Y/N/NA)** | **Comments** |
| --- | --- | --- |
| **Preliminary Works** |  |  |
| 1. Erosion and sediment control plan adopted |   |  |
| 2. Traffic control measures |   |  |
| 3. Location including inlet same as plans |   |  |
| 4. Site protection from existing stormwater flows |  | **Hold Point** |
| **Earthworks and structural works** |  |  |
| 5. Integrity of banks |   |   |
| 6. Batter slopes as plans |   |  |
| 7. Impermeable clay layer in base |  | **Hold Point** |
| 8. Compaction process as designed  |   |  |
| 9. Placement of adequate topsoil  |   |  |
| 10. Levels as designed for base, benches, banks and spillway (including freeboard)  |  |  |
| 11. Check for groundwater intrusion  |  | **Hold Point**  |
| 12. Site stabilisation measures in place |   |  |
| 13. Location and levels of outlet as designed  |   |  |
| 14. Safety protection provided  |  Y/N |  |
| 15. Pipe joints and connections as designed  |  | **Hold Point** |
| 16. Concrete and reinforcement as designed  |   |  |
| 17. Inlet appropriately installed  |  |  |
| 18. No seepage through banks |  |  |
| 19. Ensure spillway is level  |  | **Hold Point** |
| 20. Provision of maintenance drain(s), if required  |  |  |
| 21. Collar installed on pipes  |  |  |
| 22. Low flow channel rocks are adequate  |  |  |
| 23. Protection of riser from debris  |  |  |
| 24. Bypass channel stabilised, if present  |  |  |
| 25. Erosion protection at macrophyte outlet |  |  |
| 26. Vegetation appropriate to zone (depth)  |  |  |
| 27. Weed removal prior to planting  |  |  |
| 28. Provision for water level control during establishment  |  |  |
| 29. Vegetation layout and densities as designed  |  | **Hold Point** |
| 30. Provision for bird protection |  |  |