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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 |  |  |