

WSUD – CIVIL WORKS

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| SUBDIVISION FILE NUMBER | |
| DATE OF INSPECTION | |
| PERSONS PRESENT AT INSPECTION | |
| LOCATION/STAGE/SECTION | |

| CHECKLIST ITEMS | CHECK COMPLETED | | | COMMENTS | |
|--------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|----------|--|
| | YES | NO | NOT REQUIRED | | |
| GENERAL DURING CONSTRUCTION | | | | | |
| PRELIMINARY WORKS | | | | | |
| Erosion and sediment control plan adopted. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Traffic control measures in place. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Location matches plans. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Site protected from existing flows. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Required permits in place. List permits obtained below: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| SWALES | | | | | |
| EARTHWORKS - SWALES | | | | | |
| Level bed of swale. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Batter slopes match design. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Longitudinal slope in design range (1% -4%). | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Provision of shallow drainage for mild slopes. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Compaction process as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Appropriate topsoil. <i>Minimum depth of 150mm for turf 200mm for groundcovers/small shrubs</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |

| CHECKLIST ITEMS | CHECK COMPLETED | | | COMMENTS |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|----------|
| | YES | NO | NOT REQUIRED | |
| STRUCTURAL COMPONENTS - SWALES | | | | |
| Location and levels of pits as designed. (\pm 25mm) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Safety protection for structures provided. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Crossings locations as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Pipe joints and connections as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Concrete and reinforcement as designed? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Inlets appropriately installed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Erosion protection installed at inlet. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Set down to correct level for flush kerbs. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| VEGETATION - SWALES | | | | |
| Stabilization immediately following earthworks. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Planting as designed. (species and densities) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Weed removal before stabilization. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| COMMENTS | | | | |
| Inspection 1 – Hard assets (i.e. pits/pipes) constructed. Date checked Inspection 2 – Planting about to be undertaken. Date checked Inspection 3 – Entering defects liability period. Date checked Inspection 4 – End defects liability period. Date checked | | | | |
| FINAL INSPECTION SWALES | | | | |
| Confirm levels of inlets and outlets. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Traffic controls in place. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Confirm structural sizes (\pm 25mm of design levels). | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Check batter slopes. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Vegetation is as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Check for even settling of soil (i.e. no significant depressions). | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Inlet erosion protection working. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Construction generated sediment removed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

| CHECKLIST ITEMS | CHECK COMPLETED | | | COMMENTS |
|--------------------------------------------------------------|--------------------------|--------------------------|--------------------------|----------|
| | YES | NO | NOT REQUIRED | |
| Maintenance access provided. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Free from weeds. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| SEDIMENT POND / WETLAND | | | | |
| EARTHWORKS – SEDIMENT PONDS / WETLANDS | | | | |
| Integrity of banks acceptable. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Batter slopes match design. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Levels of base, banks and spillway match designs. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Compaction process as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Rock or concrete base installed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Maintenance access provided. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| No groundwater intrusion occurring. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| STRUCTURAL COMPONENTS – SEDIMENT POND / WETLANDS | | | | |
| Location and levels of outlet as designed. (\pm 25mm) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Outlets protected from debris. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Safety protection for structures provided. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Pipe joints and connections match plans. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Concrete and reinforcement as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Inlet pipes and headwalls at correct location. (\pm 25mm) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Energy dissipation and scour protection at inlet. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| No seepage through banks. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Ensure spillway is level. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Maintenance drain provided. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Collar installed on pipes. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| VEGETATION – SEDIMENT PONDS / WETLANDS | | | | |
| Stabilization immediately following earthworks. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Vegetation layout, species and densities as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Weed removal prior to planting. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

| CHECKLIST ITEMS | CHECK COMPLETED | | | COMMENTS |
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| | YES | NO | NOT REQUIRED | |
| Provision for water level control during establishment. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Bird protection provided. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Bypass channel vegetated. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| COMMENTS | | | | |
| Inspection 1 – Hard assets (i.e. pits/pipes) constructed. Date checked Inspection 2 – Planting about to be undertaken. Date checked Inspection 3 – Entering defects liability period. Date checked Inspection 4 – End defects liability period. Date checked | | | | |
| FINAL INSPECTION SEDIMENT POND / WETLANDS | | | | |
| Confirm levels or inlets and outlets. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Confirm structural element sizes. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Check batter slopes. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Vegetation as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Draining area for maintenance provided. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Check for uneven settling of banks. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Erosion protection working. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Construction generated sediment removed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Maintenance access provided. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Public safety adequate. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Free from weeds. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

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| POND / LAKE | | | | |
| EARTHWORKS – POND / LAKE | | | | |
| Integrity of banks acceptable. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Batter slopes match design. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Impermeable base provided. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Maintenance access provided. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Compaction process as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Adequate topsoil provided at edges. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Levels of base, banks and spillway as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| No groundwater intrusion occurring. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Stabilisation using sterile grass. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| STRUCTURAL COMPONENTS – POND / LAKE | | | | |
| Location and levels of outlet as designed. (\pm 25mm) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Safety protection for structures provided. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Pipe joints and connections as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Concrete and reinforcement as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Inlets appropriately installed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Erosion protection installed at inlet. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| No seepage through banks occurring. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Spillway is level. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Maintenance drain provided. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Collar installed on pipes. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Outlet protected from debris. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| VEGETATION – POND / LAKE | | | | |
| Weeds removed prior to planting. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Vegetation as designed. (species and densities) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Provision for water level control during establishment period. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| COMMENTS | | | | |

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| Inspection 1 – Hard assets (i.e. pits/pipes) constructed. | Date checked |
| Inspection 2 – Planting about to be undertaken. | Date checked |
| Inspection 3 – Entering defects liability period. | Date checked |
| Inspection 4 – End defects liability period. | Date checked |
| FINAL INSPECTION – POND / LAKE | |
| Confirm levels of inlets and outlets. | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| Confirm structural sizes. (± 25mm of design levels) | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| Check batter slopes. | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| Vegetation is as designed. | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| Erosion protection working. | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| No uneven settling of banks. | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| No evidence of litter or excessive debris. | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| Maintenance access provided. | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| Free from weeds. | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |

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| BIORETENTION RAINGARDEN | | | | |
| EARTHWORKS – BIORETENTION RAINGARDEN | | | | |
| Level bed (if swale) / Correct shape (if basin). | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Batter slopes match design. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Dimensions of bioretention area as plans. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Confirm surrounding soil type with design. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Liner provided. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Perforated pipe installed as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Drainage layer media as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Transition layer media matches plans. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Filter media specification checked and accepted. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Compaction process as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Appropriate topsoil. (swale only) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| STRUCTURAL COMPONENT – BIORETENTION RAINGARDEN | | | | |
| Location and levels of pits as designed. (\pm 25mm) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Safety protection for structures provided. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Crossings locations as designed. (swale only) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Pipe joints and connections as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Concrete and reinforcement as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Inlets appropriately installed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Erosion protection installed at inlet. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| If on road, Set down at least 50mm below curb inlet. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| VEGETATION – BIORETENTION RAINGARDEN | | | | |
| Stabilization immediately following earthworks. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Stabilization immediately following earthworks. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Weed removal before stabilisation. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| COMMENTS | | | | |
| <div> <div>Inspection 1 – Hard assets (i.e. pits/pipes) constructed.</div> <div>Date checked</div> </div> <div> <div>Inspection 2 – Planting about to be undertaken.</div> <div>Date checked</div> </div> <div> <div>Inspection 3 – Entering defects liability period.</div> <div>Date checked</div> </div> <div> <div>Inspection 4 – End defects liability period.</div> <div>Date checked</div> </div> | | | | |

| FINAL INSPECTION – BIORETENTION RAINGARDEN | | | | |
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| Confirm levels of inlets and outlets. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Traffic controls in place. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Confirm structural sizes. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Check batter slopes. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Vegetation as designed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Check for uneven settling of soil. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Inlet erosion protection working. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Construction generated sediment removed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Maintenance access provided. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Extended detention depth checked. <i>Depth between filter media and overflow weir correct</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Free from weeds. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

ADDITIONAL COMMENTS

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| COUNCIL REPRESENTATIVE NAME | |
| COUNCIL REPRESENTATIVE SIGNATURE | |
| DEVELOPER REPRESENTATIVE NAME | |
| DEVELOPER REPRESENTATIVE SIGNATURE | |