

|  |  |  |  |
| --- | --- | --- | --- |
| Contractor:Inspector: | Date:Time: | Consent #: | Site: |
| **Site Inspection of Erosion and Sediment Control Practices** |
| **Erosion and Sediment Control Practice** | **Yes** | **No** | **N/A** | **Corrective Action** |
| **General Information** |  |  |  |  |
| Do you know what receiving system the project drains into |  |  |  |  |
| Are you aware of local rainfall patterns during various times of the year |  |  |  |  |
| Soil types and erosion potential for site |  |  |  |  |
| Is a copy of the erosion and sediment control plan on site |  |  |  |  |
| Is temporary fencing placed in areas where no construction is to take place |  |  |  |  |
| **Construction** |  |  |  |  |
| Use silt fence material appropriate to the site conditions and in accordance with the manufacturer’s specifications |  |  |  |  |
| Always install silt fences along the contour |  |  |  |  |
| Excavate a trench a minimum of 100 mm wide and 200 mm deep along the proposed line of the silt fence |  |  |  |  |
| Use supporting posts of tantalised timber a minimum of 50 mm square or steel waratahs at least 1.5 m length |  |  |  |  |
| Install the support posts/waratahs on the downslope edge of the trench and silt fence fabric on the upslope side of the support posts to the full depth of the trench and then backfill the trench with compacted soil |  |  |  |  |
| Reinforce the top of the silt fence fabric with a support made of high tensile 2.5 mm diameter galvanised wire. Tension the wire using permanent wire streainers attached to angled waratahs at the end of the silt fence |  |  |  |  |
| Where ends of silt fence fabric come together, ensure they are overlapped, folded and stapled/screwed to prevent sediment bypass |  |  |  |  |
| **Maintenance** |  |  |  |  |
| Inspect silt fences at least once a week and after each rainfall |  |  |  |  |
| Check for damage including rips, tears, bulges in the fabric, broken support wires, loose posts/waratahs, overtopping, outflanking, undercutting and leaking joins in the fabric |  |  |  |  |
| Make any necessary repairs as soon as they are identified |  |  |  |  |
| Remove sediment when bulges occur or when sediment accumulation reaches 50% of the fabric height |  |  |  |  |
| Remove sediment deposits as necessary (prior to 50% level) to continue to allow for adequate sediment storage and reduce pressure on the silt fence |  |  |  |  |
| Dispose of the sediment to an area where sediment cannot be transported downstream |  |  |  |  |
| **Decommissioning**  |  |  |  |  |
| Do not remove silt fence and accumulated sediment until the catchment area has been appropriately stabilised |  |  |  |  |
| Remove and dispose of accumulated sediment |  |  |  |  |
| Backfill trench, regrade and stabilise the disturbed area |  |  |  |  |