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| 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** | |  |  | |  |  | |
| Implement sediment control downslope of the proposed sediment retention pond | |  |  | |  |  | |
| Clear areas of proposed fill of topsoil or other suitable material down to competent material. | |  |  | |  |  | |
| If the pond is to be converted to a permanent stormwater management pond ensure that a key trench is constructed | |  |  | |  |  | |
| Use only approved fill material. | |  |  | |  |  | |
| Place and compact fill in layers per the engineering recommendations | |  |  | |  |  | |
| Construct fill embankment 10% higher than the design height to allow for settlement | |  |  | |  |  | |
| Install pipework and anti-seep collars or filter collars during construction of the embankment and ensure good compaction around pipes | |  |  | |  |  | |
| Construct the emergency spillway | |  |  | |  |  | |
| Install and stabilise the level spreader | |  |  | |  |  | |
| Securely attach the decant system to the horizontal pipework. Make all connections watertight. Place any manhole riser on a firm foundation of concrete or compacted soil | |  |  | |  |  | |
| Protect inlet and outlet with fabric | |  |  | |  |  | |
| Install baffles when the pond’s length to width ratio < 3:1 | |  |  | |  |  | |
| Provide an all weather access track for maintenance | |  |  | |  |  | |
| Check all elevations to ensure proper function and rectify any inaccuracies | |  |  | |  |  | |
| Stabilise both internal and external batters with vegetation and the emergency spillway in accordance with the approved erosion and sediment control plan | |  |  | |  |  | |
| Undertake an As Built assessment at the completion of consruction and rectify any discrepancies with the design | |  |  | |  |  | |
| **Maintenance** | |  |  | |  |  | |
| Clean out pond before the volume of accumulated sediment reaches 20% of the total pond volume. A staff gauge would assist in this determination | |  |  | |  |  | |
| Clean out ponds with high capacity sludge pumps or with excavators loading the material onto sealed tip trucks to an area that will not discharge sediment off-site | |  |  | |  |  | |
| Clean out forebay after each runoff event if there is any evidence of sediment deposition | |  |  | |  |  | |
| Inspect pond every day and before every forecasted rainfall event | |  |  | |  |  | |
| Inspect for correct operation after every runoff event | |  |  | |  |  | |
| Immediately repair any damage caused by erosion or construction equipment | |  |  | |  |  | |
| **Decommissioning** | |  |  | |  |  | |
| Install a silt fence or other device downhill from the pond | |  |  | |  |  | |
| Dewater pond | |  |  | |  |  | |
| Remove and correctly dispose of all accumulated sediment | |  |  | |  |  | |
| Backfill the pond and compact soil. Regrade as required | |  |  | |  |  | |
| Stabilise all exposed surfaces | |  |  | |  |  | |