**We Build Foundations Pty Ltd**

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Balgownie, New South Wales 2519 P: 0407-421-255

**Project: MH-0002 9 Point Street Bulli**

9 Point Street Bulli, New South Wales 2516

Inspection: OSD (On-Site Stormwater Detention) Tank #22

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **0/13**  Items Inspected |  | **0**  Conforming |  | **0**  Deficient |  | **0**  N/A |  | **0**  Neutral |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | Commissioning | **Status** | Open |
| **Trade** | Plumber | **Location** | 9 Point Street |
| **Spec Section** |  | **Created By** | Angelica Borja |
| **Linked Drawings** |  |  |  |

**Description** The objective is to ensure that the detention tank is installed in accordance with design specifications, manufacturer recommendations, and regulatory requirements to effectively manage stormwater runoff.

**Attachments**

**Inspection Details**

**Inspection Date Due Date**

**Point of Contact Responsible**

**Contractor**

**Assignee(s)** Angelica Borja

**Site Preparation 0 Neutral 0 Conforming 0 Deficient 0 N/A**



**1.1 Inspect the excavation and preparation of the site for detention tank installation, ensuring proper compaction and leveling.**

Pass

Fail

N/A

**Detention Tank Installation 0 Neutral 0 Conforming 0 Deficient 0 N/A**

|  |  |  |  |
| --- | --- | --- | --- |
| **2.1 Tank Structure: Verify the construction materials (e.g., reinforced concrete, plastic, steel) and dimensions of the detention tank.**  Details: As per Australian Standard AS/NZS 3500 | Pass | Fail | N/A |
|  |  |  |  |
| **2.2 Inlet and Outlet Structures: Inspect the installation and alignment of inlet and outlet pipes, including flow control devices (e.g., weirs, valves).**  Details: As per Australian Standard AS/NZS 3500 | Pass | Fail | N/A |
|  |  |  |  |
| **2.3 Sediment Traps: Ensure sediment traps or other filtration systems are installed to prevent debris from entering the detention tank**  Details: As per Australian Standard AS/NZS 3500 | Pass | Fail | N/A |

**Inspection #22 - OSD (On-Site Stormwater Detention) Tank Project: MH-0002 9 Point Street Bulli**

**Connection to Drainage System 0 Neutral 0 Conforming 0 Deficient 0 N/A**

|  |  |  |  |
| --- | --- | --- | --- |
| **3.1 Piping and Connections: Inspect the connection of detention tank pipes to the existing drainage system or discharge point.**  Details: As per Australian Standard AS/NZS 3500 | Pass | Fail | N/A |
|  |  |  |  |
| **3.2 Backflow Prevention: Verify the installation of backflow prevention devices where necessary to protect against flooding and contamination.**  Details: As per Australian Standard AS/NZS 3500 | Pass | Fail | N/A |
| **Testing and Commissioning 0 Neutral** | **0 Conforming** | **0 Deficient** | **0 N/A** |
| **4.1 Hydraulic Testing: Conduct hydraulic testing to verify the capacity and functionality of the detention tank under design flow conditions.**  Details: As per Australian Standard AS/NZS 3500 | Pass | Fail | N/A |
|  |  |  |  |
| **4.2 Control Device Testing: Test and calibrate flow control devices to ensure they regulate discharge rates as per design specifications.**  Details: As per Australian Standard AS/NZS 3500 | Pass | Fail | N/A |
|  |  |  |  |
| **4.3 Safety Checks: Ensure all safety features, such as access covers and warning signs, are installed and functional.**  Details: As per Australian Standard AS/NZS 3500 | Pass | Fail | N/A |
| **Operational Readiness 0 Neutral** | **0 Conforming** | **0 Deficient** | **0 N/A** |
| **5.1 Documentation Review: Verify all installation records, test reports, and as-built drawings are complete and accurate.**  Details: As per Australian Standard AS/NZS 3500 | Pass | Fail | N/A |
|  |  |  |  |
| **5.2 Training: Ensure personnel responsible for detention tank operation are trained in its use, maintenance, and emergency procedures**  Details: As per Australian Standard AS/NZS 3500 | Pass | Fail | N/A |
| **Final Inspection 0 Neutral** | **0 Conforming** | **0 Deficient** | **0 N/A** |
| **6.1 Visual Inspection: Conduct a final visual inspection of the detention tank installation and surroundings for compliance with safety and environmental standards.**  Details: As per Australian Standard AS/NZS 3500 | Pass | Fail | N/A |
|  |  |  |  |
| **6.2 Functional Testing: Perform a functional test of the detention tank system to ensure it operates as intended under varying flow conditions.**  Details: As per Australian Standard AS/NZS 3500 | Pass | Fail | N/A |