INSPECTION & TEST PLAN

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| DEPARTMENT OF STATE GROWTH | | | | **ITP 15** | **Rev A** |
| ACTIVITY: | **Rock Fill Construction** | | | JOB No. | **20-0098** |
| Lot No: | | Location: Midlands Highway | Date Commenced: | Date Completed: | |

| ITEM NO. | ACTIVITY DESCRIPTION | SPECIFICATION REQUIREMENT | ACCEPTANCE CRITERIA | INSPECTION TYPE | INSPECTION FREQUENCY | RECORDS TO ATTACH | GRADCO SIGN/DATE | CLIENT/QAV  SIGN/DATE | COMMENTS |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1.0** | **Preliminary Works** | | | | | | | | |
| 1.1 | Rock size and strength | CL 205.03 | 205.03(a)  Sound rock fragments with at least 2 x broken or angular faces each  Test 10 pieces > 100mm for point Load Strength Is(50) of 2.0MPA or better. | TP | Prior to delivery | Test Results |  |  |  |
| 1.2 | Post-Compaction Grading | CL 205.03 – Table 205.031 | Post compaction grading complies with the Limits of Grading ion Table 205.031. | HP | Prior and/or During Works | Grading report |  |  |  |
| 1.3 | Geotextiles | CL 205.03(b) | Geotextiles used in rock fill shall have G robustness rating greater than 3000. | Check / inspect | Prior to placing initial rock layer | Specification sheet, roll label and manufacturers test report. |  |  |  |
| 1.4 | Fill Construction | CL 205.05 )a)  CL 204.10 (b) | The Contractor shall not commence placing any fill on the prepared areas until the area has been reviewed by the Superintendent. | HP | Prior to Fill Placement | HP Release |  |  |  |
| **2.0** | **Trial Section** | | | | | | | | |
| 2.1 | Trial placement and compaction | CL 205.06 | For each material type and grading, the first and second layer shall be trialled:   * An area > 1000m2 * Rolled for the greater of - until no further consolidation, or 15 passes. * Be surveyed after each roller pass, measure minimum of 20 points. * Engineer / Supervisor / QAV review survey results to determine the number of passes before refusal occurs. | HP | Prior to Fill Placement | HP Release, consolidation record |  |  |  |
| **3.0** | **Placement and Compaction** | | | | | | | | |
| 3.1 | Placement & Compaction | CL 205.06 | Proceed with placement and compaction in accordance with the approved procedure.  Maintain layer thicknesses and material size in accordance with 2.2, 2.3 and 2.4 above, | HP | Every Lot | Placement and compaction record |  |  |  |
| 3.2 | Level Control | CL 205.05(d) | Survey each layer for conformance with tolerance.  +/- 100mm Intermediate layers | WP | Every layer |  |  |  |  |
| 3.3 | Test Rolling | CL 205.07 | Undertake test roll for each layer as per Section 173.  Rectify any identified failed areas. | WP | Each layer |  |  |  |  |
| 3.4 | Cover layers | Table 205.051 | Material size and layer thickness per Table 205.051  Test Roll each layer | WP | Each Layer | Test roll record |  |  |  |
| 3.5 | Level Control | CL 205.05(d) | Survey final layer for conformance with tolerance.  +0mm / - 100mm | WP | Every layer |  |  |  |  |
| 3.6 | Geotextile separation | CL 205.05 (b) | Geotextiles used in rock fill shall have G robustness rating greater than 3000. | Check / inspect | Prior to placing initial rock layer | Specification sheet, roll label and manufacturers test report. |  |  |  |
| The signature below verifies that this ITP has been completed in accordance with Gradco’s Quality System Procedures and verifies lot compliance with specifications  **Gradco** Name: Position:  Signature: Date:  **QAV** Name: Position: Signature: Date: | | | | | | | | | |
| **ADDITIONAL COMMENTS** | | | | | | | | | |
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