| Project: | | GRC Piggyback Liner Benaraby Landfill | | | | | Activity: | | **General Fill** |  | |  | | | | |  | Job No: | | | 4455 | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Client: | | Gladstone Regional Council | | | | | Lot No.: | |  |  | |  | | | | |  | ITP Rev: | | | 01 | | |
| Site: | | Benaraby Landfill | | | | | Lot Description: | |  |  | |  | | | | |  | ITP No. | | | 003 | | |
| Contract: | | 74-25 | | | | |  | |  |  | |  | | | | |  | Lot Date: | | |  | | |
|  |  |  | | | | |  | |  |  |  | | | | |  | | |  | | | | | |
| **Item** | **Resp.** | | **Activity Description** | **References** | **Test Method** | **Test Freq.** | | **Acceptance Criteria** | | **Evidence**  **Form** | **CQA** | | | **McCosker**  **Representative** | | | | | | **GRC Representative** | | |
| 1 | QAE | | Lot Identification | IFC Drawings  Lot Register | ITP | N/A | | Location of works identified in accordance with the project drawings and specification. | | Lot Register | H | |  | H |  | | | | | W | |  |
| 2 | MNR | | Subgrade preparation/ Proof roll | Technical Specification-Piggyback Design cell 3- Section 2, Section 3.5.2 | Review | N/A | | Prior to the placement of fill or any covering layer, exposed subgrade surfaces shall be proof rolled.  The proof roll shall be undertaken to the satisfaction of the GITA and no visible deformation or springing shall be excepted.  Soft, wet or other areas exhibiting unsatisfactory deflections, as  identified by the Superintendent, shall be excavated to a firm base (proof rolled) and reinstated using General Construction Fill or Clay Rich Fill materials as defined in the relevant clauses of this Specification | | Inspect /  ITP | H | |  | R |  | | | | | W | |  |
| 3 | QAE | | Materials Conformance | Specifications  Section:3.6.4 & 3.8 | AS 1289 | N/A | | All General Construction Fill materials to be incorporated into the work shall be tested for compliance prior to use in the construction works in accordance with Table 3-1. | | Test results/ ITP | H | |  | R |  | | | | | W | |  |
| 4 | MNR | | Imported Fill | Technical Specification-Piggyback Design cell 3- Section 3.6.2 | Review | N/A | | No fill material may be brought into the Site without written approval from the Superintendent or the Principal and appropriate accompanied documentation.  Material imported onto the Site that does not meet requirements shall be removed from Site or managed as directed by the Principal. | | Inspect /  ITP | S | |  | W |  | | | | | H | |  |
| 5 | MNR | | Inspection prior to fill | Specifications  Section:3.6.7 | Visual | N/A | | Prior to placement of fill material, the surface shall be inspected by the GITA and fill foundation shall be proof rolled in accordance with a method approved by the GITA.  If the GITA considers the surface is unsuitable, additional excavation or other measures shall be carried out as directed by the GITA. | | Inspect/ ITP | H | |  | R |  | | | | | H | |  |
| 6 | SUP | | Placement of Fill | Specifications  Section:3.6.8  IFC Drawings | AS 1289 | 1 per 500m3 | | Material shall be mixed and/or conditioned thoroughly so that immediately prior to compaction, the moisture content of the fill is reasonably uniform within any one area.  Fill materials shall be placed in horizontal layers of uniform thickness 150 to 200mm. It shall meet the fill placement requirement as per Table 3.2 with testing frequency as per table 3.3.  Copies of the test results shall be made available by the GITA to the Superintendent for their approval prior to the commencement of construction of any subsequent layer. | | Test results | H | |  | R |  | | | | | W | |  |
| 7 | SUR | | As-constructed reporting | Specifications  Section:3.8.4 | Survey | N/A | | Once compaction and grading of the final surface profile are complete, a level survey shall be undertaken by the Contractor and be provided to the Superintendent for review prior to the placement of subsequent layers. | | Reports | R | |  | R |  | | | | | R | |  |
| 8 | QAE | | Lot Close Out | ITP / Lot Register | Review | N/A | | Lot close out, Material Compliance Checked, NCR’s Closed. | | Lot Register | R | |  | R |  | | | | | R | |  |
| Comments:  **Inspection & Testing Legend:**  H – Hold Point, W – Witness Point, R – Review, S – Surveillance,  MNR – McCosker Nominated Representative, QAE – Quality Assurance Engineer, SUP – Supervisor, SUR – Survey, CON – Contractor, C – Client | | | | | | | | | | | | | | | | | | | | | | |
| We confirm that the above works have been undertaken in accordance with the contract specification and the project quality plan:  **McCosker Representative** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **GRC Representative** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date Works Commenced: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Sign: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Sign: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date Works Completed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date Lot Accepted: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | | | | | | | | | | | | | | | | | |
| This is to certify that the construction has overall compliance with the specification  RPEQ Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Sign: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | | | | | | | | | | | | | | | | | |

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