| **Client** | | Wollongong City Council | | | **ITP CHECKLIST FOR:**  **Open Drains** | **Work Area:** | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Contract No. #** | |  | | | Drainage | |
| **Contract** | | West Dapto Road Upgrade (Stage 1) | | | ITC006 (ITP006) | |
| **Lot Details & No** | |  | | | **Underlying Lots:** | |
| Activity No.# | Description | | Requirements / Reference | Acceptance Criteria | |  | Comments / Attachments |
| 1 | **Preparation Works** | | Project Safety Plan, Project Environment Plan | * All site personnel inducted, required SWMS completed and signed, Safety Plan approved * ERSED controls installed on site, air quality visually monitored for dust etc due to construction activities, Environment Plan approved * Contact DBYD and complete excavation permit, extent of works set out with survey pegs | |  |  |
| 2 | **Road Opening Permit** | | WCC 1121 Annex. 4.1 | * **HOLD POINT: 10 days prior to commencement on site, submit to the Principal, a road opening permit** | |  | * **HP: \_\_\_** |
| 3 | **Materials** | | WCC 1121 Cl 2.5 | * Geotextile material conforms to requirements of Project Drawings and Specifications | |  | * Details of geofabric / geotextile used on site |
| 4 | **Temporary Drainage** | | WCC 1121 Cl 1.4 | * **HOLD POINT: Submit details of procedures / devices to maintain effective drainage of the work area during construction, 10 days prior to site commencement** | |  | * **HP: \_\_\_** |
| 5 | **Open Drain Set-out** | | WCC 1121 Annex. 4.1 | * **HOLD POINT: 5 days prior to set-out of the open drain, submit to the Principal details of any changes to the design of the open drain (if required)** | |  | * **HP: \_\_\_** |
| 6 | **Set-out of Open Drains** | | WCC 1121 Cl 3.1 | * **WITNESS POINT: 3 days prior to set-out, provide a notice of inspection to the Principal** | |  | * **WP: \_\_\_** |
| 7 | **Location of Open Drains** | | WCC 1121 Cl 3.2 | * **WITNESS POINT: 1 day before setting out, provide notice to the Principal of the location of open drains** | |  | * **WP: \_\_\_** |
| 8 | **Excavation of Open Drains** | | WCC 1121 Cl 3.2 | * **WITNESS POINT: Provide notice to the Principal of the grade of the excavated open drain** | |  | * **WP: \_\_\_** |
| 9 | **Excavation below natural channel** | | WCC 1121 Cl 3.2 | * **WITNESS POINT: In the event of overexcavation or excavation below the level of the natural channel, backfill with suitable material and compact. Provide notice of the Principal of backfilling with suitable material (if applicable)** | |  | * **WP: \_\_\_** |
| 10 | **Surplus Material** | | WCC 1121 Cl 3.2 | * **WITNESS POINT: In the event of surplus material, place excavated material to form embankments to lower side of drains or remove spoil stockpiles as required. Provide notice to the Principal of backfilling with suitable material (if applicable)** | |  | * **WP: \_\_\_** |
| 11 | **Table Drains** | | WCC 1121 Cl 3.3 | * **WITNESS POINT: Provide notice to the Principal of the location of table drains, swales and depressed medians (if applicable)** | |  | * **WP: \_\_\_** |
| 12 | **Compaction** | | WCC 1121 Cl 3.2 | * Compact the excavated material to no less than 95% for standard compactive effort, to AS 1289.5.4.1 | |  | * Compaction test results |
| 13 | **Completion of Works** | | WCC 0257 Cl 3.4 | * Spread topsoil, line channel with organic fibre mat or geotextile as per Project Drawings and Specifications * Complete any vegetation within 7 days of the open drain excavation | |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **REVIEW** | | | | | | |
| Any non-conformances? | YES | NO | Nos: | Closed Out | YES | NO |
| All work has been satisfactorily completed | | | YES | | NO | |
| Name | | | Signature | | Date | |
| **QA ENGINEER / SPE / PE SIGN OFF** | | | | | | |
| Name | | | Signature | | Date | |