TRENCH > 1.5m DEEP

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| **PCBU Address:** Lot 3, Redlynch Connector Road, Redlynch 4870**Job Title:** **Site Address:**  | **Date:** **Page:** 1 of 3 **SWMS No:** 24 | **New****Revised** |
| **Principal:**  | **Supervisor:** Ian Loccasino | **Approved by:** Ian Loccisano |
| **Required Personal Protective Equipment:** Safety boots, high visibility vest or shirt. Safety helmet |
| **TASK** | **POTENTIAL HAZARDS** | **ACTION OR PROCEDURE** | **RESPONSIBILITY** |
| Preplanning | General | All persons inducted as per SWMS | Supervisor |
| Services | Refer SWMS Underground Services | Competent person |
| Permit to excavate issued where required | Competent person |
| Person entering trench | Access & egress falls | Ladder provided & secured every 9m of trench occupied | Competent person |
| Atmospheric quality | Check for contaminated atmosphere | Competent person |
| Refer SWMS Confined Space if atmosphere contaminated | Supervisor |
| Falling objects | Wear safety helmet | All workers |
| Water in trench | Dewater as required. Drawdown rate not causing leaching of fine soil particles resulting in undermining | All workers |
| Collapse of trench | No vertical height greater than 1.5m | Competent person |

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| **TASK** | **POTENTIAL HAZARDS** | **ACTION OR PROCEDURE** | **RESPONSIBILITY** |
| Person entering trench | Collapse of trench | Assess ground stability for unstable soil, underground water table, adjacent trenches, vibration from plant | Competent person |
| Consider option of batter/bench/shore or combination of above | Competent person |
| Tick applicable control measure[ ]  Batter at 1:1 slope[ ]  Bench at theoretical 1:1 slope[ ]  Shore trench (proprietary product) [ ]  Combination of batter/bench/shore[ ]  Certification by a geotechnical engineer where not battered, benched or shored | Competent person |
| Check for surcharge on trench walls | Competent person |
| Material falling into trench | Spoil material clear of trench sides | Operator digging trench |
| Persons in trench to withdraw for installing pipes by crane or placement of backfill | Operator placing backfill |
| Shoring (if used) protrudes 300mm above natural surface | Competent person |
| Persons falling into trench | Backfill trench as laying pipe | Competent person |
| Open trench not left unattended unless barricaded, plated over or sentry posted | Competent person |
| All hazards | Daily periodical monitoring of activity | Supervisor |

Risk assessment based on all procedures being in place

**Risk Assessment Matrix**



**Likelihood:** Very unlikely **Consequences:** Minor **Risk score:** 7