LOCATE & PROTECT WATER MAIN

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| **PCBU Address:** Lot 3, Redlynch Connector Road, Redlynch 4870  **Job Title:**  **Site Address:** | | | | **Date:**  **Page:** 1 of 2 **SWMS No:** 23 | | **New**  **Revised** |
| **Principal:** | | **Supervisor:** Ian Loccisano | | **Approved by:** Ian Loccisano | | |
| **Required Personal Protective Equipment:** Safety boots, high visibility vest or shirt | | | | | | |
| **TASK** | **POTENTIAL HAZARDS** | | **ACTION OR PROCEDURE** | | **RESPONSIBILITY** | |
| Location of service - general | Failure to detect all services | | Refer to service authority drawings | | Locator/supervisor | |
| Visual survey to locate valves, hydrants, meters, sunken trenches and patched road crossings | | Locator | |
| Electronic detection (ferrous) | Failure to detect all services | | Initial detection by direct coupling with metroclamp or jumper lead. If unable to detect past joints use passive method (blind search), parallel pattern electronic | | Locator | |
| Location by machine | Disruption of service | | If electronic detection fails or non-metallic pipes present, carefully scrape ground with backhoe bucket fitted with cutting edge. Scraping should be parallel to direction of pipe and spotter used | | Supervisor | |
| Marking of service | Failure to relocate | | Service to be staked and flagged with blue tape or blue paint. Workers to be shown service locations. Plot on plan if required | | Locator | |
| **TASK** | **POTENTIAL HAZARDS** | | **ACTION OR PROCEDURE** | | **RESPONSIBILITY** | |
| Potholing | Disruption of service | | Care to be adopted in using crowbar to avoid pipe damage. Dig all around pipe to confirm type and size | | Crew | |
| Falling into pothole | | Barricade pothole or backfill with sand until work commences | | Crew | |
| All related activities | 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