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| By APPLICANT | | | |
| Company / person undertaking the work - e.g. ABC contractors ABC CONTRACTORS | | On behalf of - e.g. Telstra WESTERN POWER | |
| | | | Sequence No (DBYD) 12345678 |
| Job Location - Include nearest intersection MAIN ST, MALAGA BETWEEN SMITH AND JONES ST | | | |
| Describe the planned work - type of activities, methods, equipment, loads or heavy vehicles to be used | | | Documents attached? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N |
| <input type="checkbox"/> Construction <input type="checkbox"/> Demolition <input type="checkbox"/> Telecoms <input checked="" type="checkbox"/> U/g power <input type="checkbox"/> Gas <input type="checkbox"/> Signal <input type="checkbox"/> Roadworks <input type="checkbox"/> Pipeline <input type="checkbox"/> Landscaping <input type="checkbox"/> Land clearing <input type="checkbox"/> Soil sampling <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Other | LAY 200M OF ELECTRICAL CABLE ALONG SOUTH SIDE OF MAIN ST. | | |
| | DIRECTIONAL DRILL ACROSS MAIN ST AT JONES ST INTERSECTION. | | |
| | 15 TONNE MACHINE. | | |
| | ACCESS VIA CARPARK. | | |
| | | | |
| Expected start date 10/3/2001 | Time 8.30 am | Expected finish date 20/3/2001 | Time 5.30 pm |
| By WATER CORPORATION - AUTHORISED REPRESENTATIVE | | | |
| Identify key assets in the work area <small>These are <u>key assets</u> only - there may be other assets in the work area.</small> | LORD ST SEWER PRESSURE MAIN | | |
| | 500 MM STEEL | | |
| | | | |
| Assess these risk areas | Potential risks | Recommended control measures | |
| <input type="checkbox"/> direct contact / striking | DIRECT CONTACT / STRIKING | | |
| <input type="checkbox"/> foundations / bedding / support | 1. POTHOLE BY HAND AND LOCATE ALL ASSETS WITHIN WORK AREA. | | |
| <input type="checkbox"/> subsidence | 2. USE ASSET LOCATION COMPANY IF CAN'T LOCATE PIPE. | | |
| <input type="checkbox"/> loads | 3. POTHOLE BOTH SIDES OF PIPE AND LEAVE POTHOLE EXPOSED TO OBSERVE | | |
| <input type="checkbox"/> impacts, shock or vibration | DRILLING OPERATIONS. | | |
| <input type="checkbox"/> separation distances / future access | 4. DRILL AWAY FROM PIPE. | | |
| <input type="checkbox"/> cathodic protection | SEPARATION DISTANCES | | |
| <input type="checkbox"/> direct or induced electrical currents | 5. ALLOW AT LEAST 300 MM CLEARANCE WHEN CROSSING MAIN. | | |
| <input type="checkbox"/> other (specify) | 6. CONSIDER BACKREAMING IMPACTS. | | |
| | VIBRATION | | |
| | 7. HAND COMPACTOR ONLY TO BE USED WITHIN 3 M OF PIPE. | | |
| | | <i>Continue over page</i> | |
| By COMPANY - AUTHORISED PERSON with direct site responsibility | | | |
| 1. I have accurately described the planned work in this application. | | 4. I will ensure that the results of this risk assessment are communicated to all relevant work crews. | |
| 2. I have read and understand the potential risks and suggested control measures. | | 5. All pages of this document will be retained on site for the duration of the works. | |
| 3. I am aware that I am responsible for any damage caused by the works. | | | |
| Contractor / company representative (print name) John Smith | Signature J. Smith | Date 5/3/2010 | |
| Job title / position Site Supervisor | Phone 9420 XXXX | Mobile 041XXXXXXX | Fax n/a |
| Disclaimer: This risk assessment provides information on potential damage risks to Water Corporation assets associated with your work. It is based on facts provided by you. Compliance with this risk assessment does not in any way reduce your responsibility to undertake the works in a manner which does not damage or interfere with Water Corporation assets. | | | |
| By WATER CORPORATION - AUTHORISED REPRESENTATIVE | | | |
| The risk assessment for the planned work is complete – all asset types have been considered. i.e. water, sewerage, drainage, trunk, bore, outfall. | | | |
| Print name Bob Jones | Signature Bob Jones | Date 5/3/2010 | |
| Position Technical Advisor | Phone 9420 XXXX | Mobile 041XXXXXXX | Fax n/a |

Asset Protection - Risk Assessment

| Potential risks | Recommended control measures (continued) |
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EXAMPLE

Attach pages if required.

IMPORTANT : ABOUT HAZARDS AND AVOIDING DAMAGE

1. **Damaging pipelines can be expensive** and highly disruptive to the community. Parties working near Water Corporation assets must take all necessary steps to prevent damage and are responsible for any damage arising from their actions.
2. **Damage to pipelines can be caused by factors** such as: direct contact and striking, disturbing pipe foundations or support, soil subsidence, applying excessive loads, impacts, shock or vibration, insufficient separation distances, damaging cathodic protection systems, or by other means.
3. **Some work-related activities may damage pipelines** even though they are conducted some distance away. Examples are heavy vehicles crossing pipelines (other than on public roads), selection of laydown / storage areas, installation of soil anchors, piledriving and blasting.
4. This **risk assessment must be communicated** to all relevant work crews and must be retained on-site for the duration of the works.
5. This **document is valid for 30 days** from the date of authorisation unless otherwise stated. Should the planned work be delayed or change significantly an extension must be requested or a new risk assessment undertaken with the Water Corporation.
6. The **location and positive visual identification by potholing** of all buried assets likely to be affected by the works is the responsibility of the party conducting the works. Other asset owners with buried facilities in the vicinity must also be contacted for their requirements.
7. **Potential hazards** associated with Water Corporation assets include, but are not limited to:
 - Large forces associated with the release of water or wastewater under high pressure
 - Rapid release of large volumes of water which may lead to drowning or traffic hazards
 - Biohazards associated with contact with wastewater
 - Exposure to asbestos (asbestos cement pipe and asbestos in some pipe wrapping)

- Exposure to toxic gases in the wastewater system
 - Exposure to hazardous waste discharged by various industries to the wastewater system
 - Ignition of combustible gases in the wastewater system
 - Fall hazards associated with accessing manholes or high structures
 - Electric shock hazards arising from electrical infrastructure in the vicinity of pipelines, electrical faults or lightning
 - Secondary hazards arising from damage or disruption to other structures or services due to damaged pipelines
8. **Unauthorised opening or access** to Water Corporation sewers and other assets is prohibited.
 9. Parties are responsible for all **OSH and public safety requirements** associated with their works. All works must be carried out in accordance with relevant acts, regulations, standards, codes of practice.
 10. Parties are responsible for arranging any **approvals, clearances, etc.** required by other agencies.
 11. **Asset Protection Officers patrol frequently.** The Water Corporation reserves the right to inspect the works and / or have an officer on site during the works.

Water Corporation www.watercorporation.com.au

Technical enquiries **13 13 95**
 General enquiries **9420 2420**
 Faults Security Emergencies **13 13 75** (24 hours)

For further information refer to: *Guidelines for Working Near Water Corporation Pipelines* available from the Water Corporation website.

Avoid damage: **PLAN : POTHOLE : PROTECT : PROCEED.**

