

By APPLICANT		
Company / person undertaking the work - e.g. ABC Contractors	On behalf of – e.g. Telstra	Sequence No (DBYD)

Job Location - Include nearest intersection

Describe the planned work - activities, methods, equipment, loads or heavy vehicles to be used Documents attached? Y N

<input type="checkbox"/> Construction <input type="checkbox"/> Demolition <input type="checkbox"/> Telecoms <input 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 type="checkbox"/> Drilling <input type="checkbox"/> Other	
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Expected start date	Time	Expected finish date	Time
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By WATER CORPORATION - AUTHORISED TECHNICAL ASSESSOR

Identify key assets in the work area.
 These are key assets only - there may be other assets in the area.

Consider these risks <input type="checkbox"/> direct contact / striking <input type="checkbox"/> foundations / bedding / support <input type="checkbox"/> subsidence <input type="checkbox"/> loads <input type="checkbox"/> impacts, shock or vibration <input type="checkbox"/> separation distances / future access <input type="checkbox"/> cathodic protection <input type="checkbox"/> direct or induced electrical currents <input type="checkbox"/> other (specify)	List potential damage risks and recommended control measures

Continue page 2.

By COMPANY - AUTHORISED PERSON with direct site responsibility

1. I have accurately described the planned work in this application. 2. I have read and understand the potential risks and suggested controls. 3. I am aware that I am responsible for any damage caused by the works.	4. I will ensure that the results of this risk assessment are communicated to all relevant work crews. 5. All pages of this document will be retained on site for the duration of the works.
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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 reduce your responsibility to work in a manner which protects and does not damage or interfere with Water Corporation assets.

Contractor / company representative (print name)	Signature	Date
Job title / position	Phone	Mobile
		Fax

By WATER CORPORATION - AUTHORISED TECHNICAL ASSESSOR

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	Signature	Date
Position	Phone	Mobile
		Fax

Potential damage risks and recommended control measures (continued)

Attach pages if required.

IMPORTANT INFORMATION

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), poor 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
 - Biological hazards 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 of, 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.

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



www.watercorporation.com.au

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

For further information on work planning and pipeline protection refer to: *Guidelines for Working Near Water Corporation Pipelines* available from the Water Corporation website under "Your business".

Safety Annex



Safety - Your Responsibility

At all times the safety of the general public and your employees for your works remains your responsibility.

- You therefore have to determine how to best conduct your work near our asset while ensuring that you maintain a safe system of work at all times.
- You have a duty or care to ensure that your works do no damage or interfere with our assets or cause hazards to any party.

Potential Hazards

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 gasses in the wastewater system
- Exposure to hazardous wastes discharged by various industries to the wastewater system
- Ignition of combustible gasses in the wastewater system
- Fall hazards associated with accessing access chambers 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

Occasionally our assets also fail for reasons that are unrelated to third party works (such as from aging, corrosion or mechanical failures) which can also have hazardous impacts.

Authorised Access Only

Unauthorised interference with Water Corporation sewers and other assets (including uncovering, opening or repairing) is prohibited and may result in prosecution under the *Water Services Act 2012* (WA).

Responsibility

Parties are also responsible for all **OSH and public safety requirements** associated with their works. All works must be carried out in accordance with the relevant acts, regulations standards and codes of practice, as well as arranging any approvals, clearances etc required by other agencies

Safety Annex



Liability

Under Section 90 of the Water Service Act: *A person must not drill, bore, excavate or use impact equipment within the prescribed proximity to water service works, of a prescribed kind, of a licensee, or engage in any other activity within the prescribed proximity that may damage those works, except in accordance with the approval of the licensee.*

Penalty: a fine of \$10 000

Disclaimer

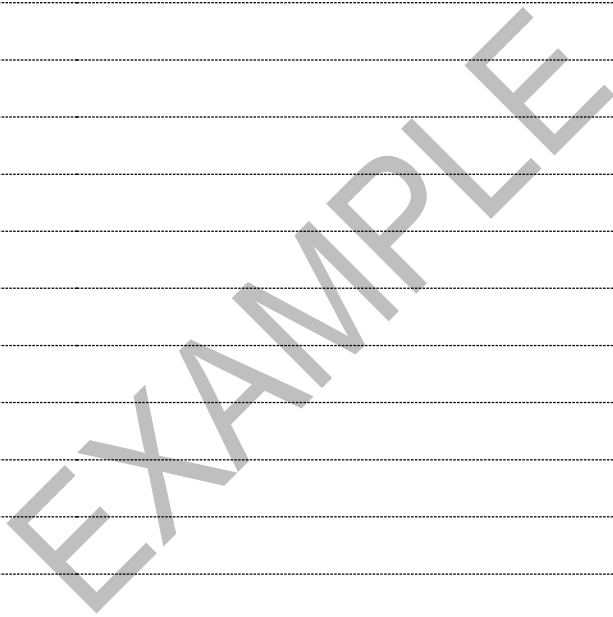
Any plans or other information provided by Water Corporation must be used as a guide only. Plans (including the location of pipes and other assets) are approximate only and it is your responsibility to locate the exact location of Water Corporation assets before commencing work. Water Corporation does not warrant or make any representation as to the accuracy, completeness, reliability, currency, quality or fitness for purpose of any plans or other information (including, but not limited to, the accuracy of the scale of, or the location of, anything shown on any plan or diagram).

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 TECHNICAL ASSESSOR			
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>			
Assess these risk areas <input type="checkbox"/> direct contact / striking <input type="checkbox"/> foundations / bedding / support <input type="checkbox"/> subsidence <input type="checkbox"/> loads <input type="checkbox"/> impacts, shock or vibration <input type="checkbox"/> separation distances / future access <input type="checkbox"/> cathodic protection <input type="checkbox"/> direct or induced electrical currents <input type="checkbox"/> other (specify)	Potential risks	Recommended control measures	
<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 fully 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 TECHNICAL ASSESSOR			
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		Signature	Date
Position	Phone	Mobile	Fax

Asset Protection - Risk Assessment

Potential risks

Recommended control measures (continued)



Attach pages if required.

IMPORTANT ADVICE FOR APPLICANTS

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Water Corporation www.watercorporation.com.au

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