Asset Protection - Risk Assessment

APRA No:

By APPLICANT – Please complete all highlighted yellow sections

Company / Person undertaking the work - e.g. ABC Contractors		**On behalf of – e.g. Telstra**	
Applicant Name– Please print	**Contact Number**	**Site Contact - (Name – Please Print)**	
Job Location – Street or Road Name - Include nearest intersection.		**Site Contact Number**	
Expected start Date	**Time**	**Expected Finish Date.**	**Time**

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

- ☐ Construction
- ☐ Demolition
- ☐ Telecoms
- ☐ U/g power
- ☐ Gas
- ☐ Signal
- ☐ Roadworks
- ☐ Pipeline
- ☐ Landscaping
- ☐ Land clearing
- ☐ Soil sampling
- ☐ Drilling
- ☐ Other

By APPLICANT / COMPANY - AUTHORISED PERSON - If the Applicant does not agree to the below terms & conditions, the application cannot be processed.

1. I am authorised on behalf of the Applicant / Company to agree to be bound by all the terms and conditions contained in this document.
2. I have accurately described the planned work in this application.
3. I have read and understand each page of this document, including the potential risks and suggested controls specified by Water Corporation.
4. I am aware that I am responsible for any damage caused by the works (and any associated repair costs).
5. I will ensure that the results of this risk assessment are communicated to all relevant work crews.
6. All pages of this document will be retained on site for the duration of the works.
7. The Applicant/Company agrees to indemnify Water Corporation against:
   a. loss or damage to any of the Water Corporation's property; or
   b. claims in respect of personal injury or death, or damage to any other property,

   arising out of or as a consequence of the carrying out of the Applicant/Company's works but the indemnity shall be reduced proportionately to the extent that the act or omission of Water Corporation or its employees, agents or contractors contributed to the injury, death, loss or damage.

Print Name of Authorised Person	**Signature of Authorised Person** (Unsigned Applications will not be processed)	**Date**

By WATER CORPORATION – AUTHORISED PERSON

Identify key assets in the work area.

These are key assets only – there may be other assets in the area.

Consider these risks

- ☒ direct contact / striking
- ☒ foundations / bedding / support
- ☒ subsidence
- ☒ loads
- ☒ impacts, shock or vibration
- ☒ separation distances / future access
- ☐ cathodic protection
- ☐ direct or induced electrical currents
- ☐ other (specify)

List potential damage risks and required control measures

Continue page 2.

By WATER CORPORATION – AUTHORISED PERSON

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 Authorised**	**Date Of Expiry**
Position	**Phone**	**This document is valid for 180 days from the date of authorisation unless otherwise stated date of expiry.**	

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Potential damage risks and required control measures (continued)

Attach pages if required.

Asset Protection - Risk Assessment

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 (and any associated repair costs) 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 180 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:
   a. Large forces associated with the release of water or wastewater under high pressure;
   b. Rapid release of large volumes of water which may lead to drowning or traffic hazards;
   c. Biological hazards associated with contact with wastewater
   d. Exposure to asbestos (asbestos cement pipe and asbestos in some pipe wrapping);
   e. Exposure to toxic gases in the wastewater system;
   f. Exposure to hazardous waste discharged by various industries to the wastewater system;
   g. Ignition of combustible gases in the wastewater system;
   h. Fall hazards associated with accessing manholes or high structures;
   i. Electric shock hazards arising from electrical infrastructure in the vicinity of pipelines, electrical faults or lightning;
   j. Secondary hazards arising from damage or disruption to other structures or services due to damaged pipelines; and
   k. Failure of an asset due to ageing, corrosion and/ or mechanical failure.
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, Prepare, Pothole, Protect, Proceed**

BEFORE YOU DIG www.byda.com.au

Visit The Water Corporation Website - 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 the Water Corporation website (available at https://www.watercorporation.com.au/Developing-and-building/Working-near-assets/Technical-requirements).

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
- Failure of the asset due to ageing, corrosion and/or mechanical failure which can have hazardous impacts.

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.

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).

Limitations on Working Near Our Assets

Under Section 90 of the *Water Service Act 2012* (WA):

(1) A person must not erect, construct, install, place, or demolish any building, plant, wall, fence or other obstruction — (a) in, on, over or under; or (b) within the prescribed proximity (if any) to, water service works of a licensee, except in accordance with the approval of the licensee.

(2) *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: $10,000 for an offence under section 90(1) and 90(2) respectively.

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). For further information on work planning and pipeline protection refer to the Water Corporation website (https://www.watercorporation.com.au/Developing-and-building/Working-near-assets/Technical-requirements).