



Seqwater Third Party Works Induction

August 2025

Welcome to the Seqwater Third Party Works Induction

Third Party Works are works being undertaken by others (not Seqwater) near Seqwater infrastructure which have the potential to impact Seqwater infrastructure.

Before commencing any Third Party Works you must complete this induction.

Seqwater acknowledges the Traditional Owners of these waters and surrounding lands and recognises their continued connection to the land, waters and community. We pay our respects to them and their cultures and to elders both past and present.

Overview of Induction

At the end of this induction, you will understand:

- Who is Seqwater
- Types of infrastructure that Seqwater owns and operates.
- Potential hazards associated with working near Seqwater Infrastructure.
- The Seqwater Consent process for working near Seqwater infrastructure.
- The Permit Access Safety System (PASS) which manages access and work activities being undertaken at Seqwater Workplaces.
- What to do if there is an infrastructure strike or other incident affecting Seqwater infrastructure

Who is Seqwater

Who is Seqwater

Seqwater is the Queensland Bulk Water Supply Authority responsible for delivering safe, secure and cost-effective bulk water supply for more than three million people across South East Queensland. We also:

- provide essential flood mitigation services for Brisbane and Moreton Bay Regions
- manage catchment health and offer community recreation facilities
- provide water for irrigation to about 1,200 farmers across seven water supply schemes.

Seqwaters major infrastructure includes major Dams such as Somerset, Wivenhoe, North Pine and Hinze Dams, Major Water Treatment Plants in Brisbane (Mt Crosby, North Pine), Gold Coast (Molendinar, Mudgeeraba, Tugun), and Sunshine Coast (Landers Shute) which are all interconnected by a network of over 600km of large diameter high pressure water mains.

Seqwater Infrastructure

What is Seqwater Infrastructure

- **Network Site Infrastructure** (mostly underground) includes:
 - **Pipelines**
 - **Communications** - Optic Fibre Cables, Conduits, Pits, Cabinets.
 - **Cathodic Protection** – Anode Beds, Cables, Cabinets & Test Points.
 - **Valve Pits and Covers**
- **Facility Site Infrastructure** includes:
 - **Dams and Weirs**
 - **Pump Stations**
 - **Water Treatment Plants**
 - **Water Tanks/Reservoirs**



Potential Hazards

Potential Safety Hazards at Seqwater Sites

Potential hazards associated with Seqwater infrastructure include, but are not limited to:

- **Sudden release of high pressure/large volumes of water** which can result in localised flooding, collapse of excavations, traffic hazards, property damage, personnel injury or death,
- **Falling into pits** and access chambers which presents risk of injury and drowning,
- Asset / Site specific risks which may include:
 - **electric shock**
 - **asbestos exposure**
 - **falling from height**
 - **falling objects**
 - **work in a confined space**
 - **excessive noise**
 - **mechanical failure of plant or equipment**

Understanding the potential hazards – Network Sites

Seqwater's Network Infrastructure

Seqwater provides bulk drinking water to more than 3 million people in South East Queensland.

We do this using a network of over 600km of large diameter, very high pressure drinking water supply pipelines which are often referred to as the SEQ Water Grid, as well as a number of off-grid pipelines.

We also own and operate a number of raw water pipelines and irrigation water pipelines.



Potential Hazards Associated with Seqwater Network Infrastructure

Due to the presence of large diameter, very high-pressure water pipelines within the Seqwater Network corridors; activities in the vicinity of Seqwater's network infrastructure have the potential to compromise the pipelines and their safe operation.

Seqwater Network corridors includes:

- Easements within private property
- Roads
- Parks and Reserves
- Private property



Potential Hazards when working in Seqwater Network Corridors

When a Trunk Water Pipeline is compromised, this has the potential to cause a **serious threat to life**, and/or result in **significant damage** to surrounding areas and property.



Due to the **very high pressures** involved, a break of a Trunk Water Pipeline also has the potential to damage other essential infrastructure rendering parts of the community without other vital services.



Managing the risks – Working near Seqwater Infrastructure

How do I know if I will be working near Seqwater Infrastructure?

- We recommend visiting Before You Dig Australia (**BYDA**) (www.byda.com.au) to undertake a search **before** commencing any excavation or invasive works when working near Seqwater Infrastructure. This is a free national service to assist awareness of whether your works are in the vicinity buried infrastructure such as water pipelines.
- Seqwater **As-Constructed Drawings** can be provided on request. *Seqwater does not guarantee the accuracy of any As-Constructed Drawings, and they are provided for general information only.



If your proposed works will be near Seqwater infrastructure, you are strongly urged to contact the Seqwater Consents team (consents@seqwater.com.au) to seek advice prior to carrying out any works to ensure you have proper information on the location, size and material of Seqwater underground infrastructure. This may include undertaking vacuum excavation to confirm these details prior to commencing any works.

Before Starting Work

Before starting work near any Seqwater Infrastructure ensure all reasonable measures are employed to familiarise yourself with the conditions of the area and the health and safety matters to be considered. This is particularly important when working near Seqwater infrastructure which present risks to persons on site in the event the infrastructure is impacted.

Such measures should include:

- Undertaking a **BYDA Search** to determine if the proposed **general construction works** are within 5m, or if the proposed works involve **piling or blasting** are within 200m of Seqwater infrastructure as these items have the potential to damage or interfere with Seqwater Network Infrastructure which could present health and safety risks to personnel.
- Where the **BYDA Search** indicates Seqwater infrastructure is “**Affected**” (i.e. proposed works are in proximity to Seqwater infrastructure) then it is **highly recommended to contact Seqwater to determine whether consent is required** prior to undertaking the works as there is a risk that your works may interfere with or damage Seqwater infrastructure.

It is important to note that should any damage occur to Seqwater infrastructure as a result of your works without having first obtained Seqwater consent, you may be in breach of Section 192 of the Water Supply (Safety and Reliability) Act.

Before Starting Work

Consent to work near Seqwater Infrastructure

Consent Process in summary:

- Submit a consent application to Consents@seqwater.com.au (including engineering drawings where applicable). A consent application form (plus additional information) is available on the Seqwater web page [Living and working near water infrastructure](#).
- Seqwater will make an engineering assessment to determine whether the proposed works may impact Seqwater infrastructure. Where there are potential impacts that can be mitigated by engineering or administrative controls a written Consent will be issued with conditions aimed at protecting the infrastructure and ensuring its ongoing safe operation and maintenance.
- Accept the written Consent and provide any required documentation.
- Locate, identify and protect any additional Seqwater Infrastructure which may be impacted.
- Complete a site pre-start meeting with an Seqwater Asset Protection Liaison Officer.
- Seqwater then issues PASS permit allowing site access to commence the work (see later slides).
- Ensure you comply with all conditions of the Seqwater Consent and the PASS permit, including the requirement to check in and out with the PASS Access Officer each work day.

Managing Risks for Working Near Seqwater Infrastructure

Information to consider when preparing Work Methodologies / SWMS / JSA / Risk Assessments

As part of your safety documentation for working near Seqwater infrastructure, Seqwater recommends that you consider including, without limitation, the following:

- The risk of working at and around high-pressure water pipelines in the event of a leak or burst including, but not limited to,
 - engulfment / drowning
 - release of potential energy
 - working in water
 - risk of injury or death from impact with high pressure water jets
- Any other identified asset or site-specific risks (e.g. asbestos exposure for asbestos cement pipelines, electric shock from underground or overhead electrical cables, falling from heights, etc.,)

Permit Access Safety System (PASS)

Permit Access Safety System (PASS)

PASS is a system which controls access to, and work conducted on, Seqwater sites. It enables Seqwater to control when work activities occur to manage the impacts of work activities on Seqwaters infrastructure and/or operations, and to allow greater visibility of all work activities occurring at any point in time at Seqwater Sites.

Once the Third Party Works Consent team receives any required safety documentation and insurances, and you have completed your Inductions and pre-start meeting, they will arrange for the issuing of a PASS by the relevant Access Officer.

You must have a PASS and activate it with the Access Officer as detailed on the PASS (Network Control Room for Network Sites, or Site Access Officer for Facility Sites) before performing any work on site. (Contact Details are provided on the PASS)

Once work commences, you must check in and out each day with the Access Officer when arriving and leaving the Site.

(Note - Some sites are managed by the Seqwater operations contractor Veolia. Access to these sites will be managed through the Veolia Permit System as detailed on the Consent)

The Network Control Room or Site Access Officer must be contacted when you arrive at site each day to activate your PASS.

You must let the Network Control Room or Site Access Officer know when you leave the site daily. You must also advise them when works are complete to close your PASS.

If you cannot finish the task in the agreed timeframe you must contact the Network Control Room or Site Access Officer to request an extension of your PASS.



While undertaking works

Stop Think Do!

Before starting any task, you and your work team are responsible for:

- Considering whether the task can eliminate or avoid any hazards
- Preparing and documenting a risk assessment for the task and applying the hierarchy of control
- Making sure the agreed controls are understood and monitored
- Checking everyone has valid and current training and qualifications

In line with our **Safe for Life** promise, everyone has the authority to stop work if they believe it is unsafe.

In the event of an accident or emergency

- It is recommended that your Emergency Management Plan and onsite safety documents include Seqwater's emergency contact number in the event of an asset strike: **1300 SEQWATER** (1300 737 928)
- In the case of an emergency, dial **(000)** for the required assistance.

Notification of damage

If you notice any damage to a pipeline or anyother Seqwater Infrastructure what do you do?

Contact Seqwater immediately – either the Asset Protection Liaison Officer as noted on the Consent, or the Seqwater emergency number:

1300 SEQWATER (1300 737 928)





When leaving site

What to do when you are ready to leave site

Make sure you are leaving the site in the same or better condition than when you arrived. Ensure you:

- Ensure site is safe and secure.
- Maintain safe access to the work area at all times.
- Clear work areas of debris, obstacles and waste materials
- Follow waste removal systems
- Remove flammable materials from the work area.
- Hand over any asset you may have been in control of.
- Advise the Access Officer to close out the PASS



Need More
Information?

More information on potential hazards or risk when working near Seqwater Infrastructure can be obtained by contacting Seqwater's Third Party Consents team at **consents@seqwater.com.au**



Questions?

If you have questions or require further information or resources, please speak with:

- your Seqwater Asset Protection Liaison Officer as noted on your Third Party Works Consent, or
- your Seqwater Consents Engineer/Officer, or
- Contact the Consent team via consents@seqwater.com.au or by calling 1300 SEQWATER

Induction complete

Thank you for taking the time to complete the Third Party Works Induction. Please direct any questions you have to your Seqwater Consents Engineer/Officer, Asset Protection Liaison Officer or phone 1300 SEQWATER.