Pre-Start

Pre-start briefing / Risk Assessment – think about what ACTIONS you will perform to manage the risk of contamination of drinking water

Is everyone trained? If you haven’t completed the training, you cannot work on drinking water assets

Do you have your water hygiene kit?

How to use chlorine safely

- Label the spray bottle clearly (e.g. ‘High strength chlorine solution’)
- Use gloves and safety glasses when using chlorine solution
- Dissolve tablet in 1L of water
- Use only outdoors or in a well-ventilated area
- Avoid breathing in spray or mist
- Spray onto surfaces requiring disinfection
- Do not eat, drink or smoke when using the solution
- Make fresh solution every 7 days
- Dispose of solution appropriately/avoid environmental release

Refer to the MSDS for further information.
How to use the 5Cs to prevent contamination of drinking water

→ **Chlorination**
  Chlorine kills bacteria - Spray your boots, tools and the fittings with chlorine

→ **Clean pipes**
  **Inspect the pipes** - Are the pipes clean? If not, clean out traces of dirt and grime

→ **Clearance**
  **Maintain an air gap** - Wherever possible, maintain clearance under pipes. If clearance can’t be achieved, maintain positive pressure and use a pump to dewater

→ **Cleanliness**
  **Keep your tools clean, and practise good hygiene** - Keep your tools, equipment and worksite clean. Work in a clean manner onsite. Use a plastic or rubber mat on the ground to store tools, fittings and pipes before use

→ **Clothing**
  **Maintain clean clothing** - Before working on drinking water assets, ensure clothing is reasonably clean and free of sewage

**After the job, flush the pipes**

Has contamination occurred?
→ Notify Supervisor
→ Consider comprehensive flushing
→ Consider chlorine dosing