



**TRILITY**

# Ozone disinfection

TRILITY's Ozone disinfection is revolutionising the mains cleaning and mains disinfection industry, with more local government authorities and water utilities reducing their use of harmful superchlorination.

Ozone is an incredibly strong oxidant with the added advantage of breaking down rapidly into harmless oxygen, creating an environmentally friendly solution.

Through our mobile services, we tailor our applications according to our customer's needs, with a range of benefits including:



### Cleans and disinfects

Proprietary technology cleans and provides a higher level of disinfection than any other product on the market



### Cost saving

Savings of 50% or more compared to alternatives



### Time saving

Greater certainty of disinfection results. Minimises potential for rework and retesting.



### Eco friendly

The environmental sustainability benefits of using ozone water treatment are significant

TRILITY's proprietary systems create true third-party validation for disinfection. This means customers are assured that true disinfection and cleaning has been successfully achieved.

With TRILITY's unique mobile ozone trailer design, previously inaccessible areas are now easily accessed giving TRILITY the ability to support more customers.

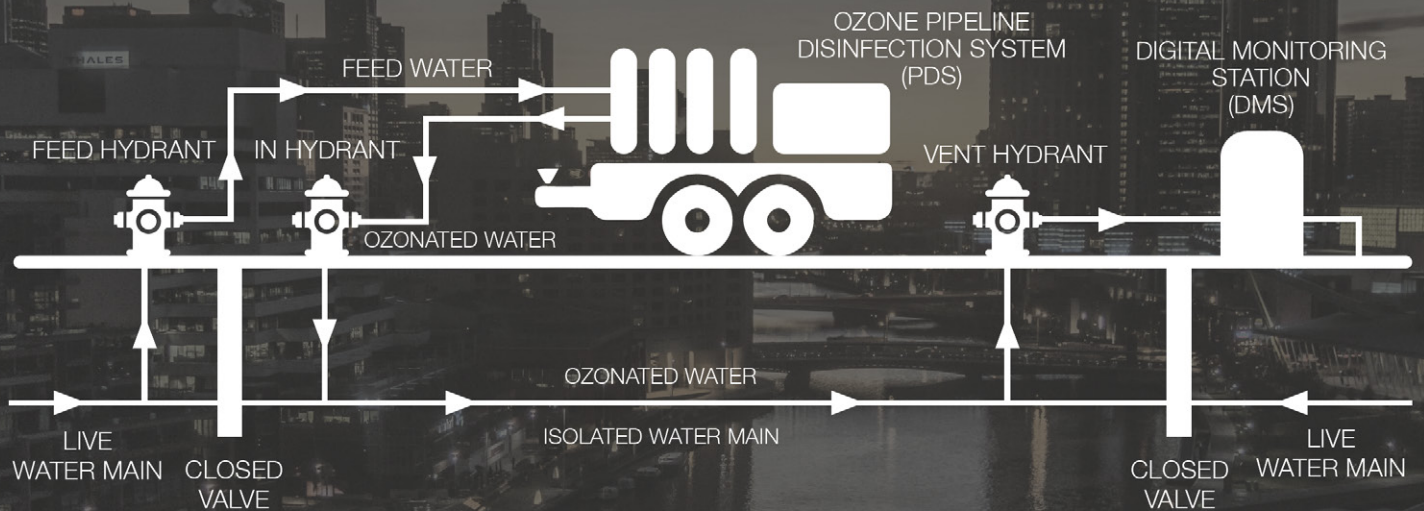


## Benefits of choosing Ozone disinfection over super-chlorination

Benefits of choosing Ozone disinfection over super-chlorination	Ozone disinfection	Super - chlorination
<b>Health Benefits:</b> Ozone leaves no harmful by-products and reverts to oxygen if unused. Whereas chlorine can form chloroforms.	✓	✗
<b>Effectiveness:</b> Ozone is a stronger and faster disinfectant, purifying water faster than chlorine. It can treat all water-borne pathogens, including those resistant to chlorine, like protozoa, E. coli, and Giardia.	✓	✗
<b>Convenience:</b> Ozone is generated on-site, eliminating the need for storage and transportation.	✓	✗
<b>Mineral removal:</b> Ozone helps remove iron, manganese, and sulfur minerals.	✓	✗
<b>No residual taste or smell:</b> Ozone-treated water has no chemical taste or smell.	✓	✗
<b>Gentle on skin:</b> Low-dose dissolved ozone in water does not irritate skin, nose, or ears.	✓	✗
<b>Efficiency:</b> No rinse steps are needed, saving time and water costs.	✓	✗
<b>Corrosion:</b> Ozone is less corrosive than chlorine, especially compared to salt chlorination.	✓	✗
<b>pH Independence:</b> Ozone is effective across a wide pH range and does not affect the water's pH.	✓	✗

# The ozone process

Mains disinfection and cleaning process using ozone



TRILITY is NATA accredited and can also provide pressure testing of new watermains to complement our disinfection service.

For further information contact  
T: 1300 522 170

Read more at [trility.com.au](http://trility.com.au)