



LEIGHTON O'BRIEN

GROUNDWATER MONITORING

SIMPLE CONTAMINATION RISK ASSESSMENT



Groundwater contamination from leaking fuel tanks, delivery or dispensing spills poses one of the biggest risks for underground fuel storage operators.

Not only can it cause huge environmental damage, it can result in massive clean-up costs, huge fines and even law suits.

In NSW and Victoria, it's also the law. These regulations set out minimum requirements to prevent spills, overfills and leaking tanks which can lead to contamination of soil and groundwater onsite and nearby properties.

As well as mandatory leak detection systems like SIRA, in NSW storage tank operators are required to have groundwater monitoring wells installed and monitored every six months. In Victoria, EPA guidelines stipulate the need for groundwater monitoring as an

additional precaution for sensitive sites.

Why risk it anyway? Regardless of which state or territory your sites are located, you **should know** if the potential for groundwater pollution exists on your site or neighbouring properties.

Reducing your environmental liability and keeping groundwater monitoring records also increases the value of your asset should you wish to sell down the track.



Leighton O'Brien, the market leader in leak detection solutions, can give you peace of mind knowing your site is not exposed, and you're on the right side of the law.

WE CAN HELP YOU:

- Understand your groundwater monitoring obligations
- Determine if your site is sensitive using an experienced hydrogeologist*
- Establish a baseline of groundwater quality
- Assess your site for the presence of groundwater contamination

**Applicable only in Victoria*

HOW IT WORKS:

- We conduct a site assessment to establish the location and condition of your groundwater monitoring wells
- We gauge the depth to water and check for any

petroleum product residing on top of the water

- If a layer of petroleum is present, a sample will be collected, noting the colour and thickness in the bailer
- We provide a comprehensive, easy to interpret report with recommendations for further action (if any)
- Where no further action is required, we develop an ongoing groundwater sampling and quality management plan
- Where further action is required, we develop a plan to identify, contain and remediate the contamination – and meet compliance obligations
- Waste generated during the collection of samples is removed from site and disposed of appropriately

THE LEIGHTON O'BRIEN ADVANTAGE

- **Price competitive:** We understand the financial pressures of operating an underground fuel storage system combined with regulatory compliance, hence we guarantee competitive rates
- **Expertise:** We have more than two decades of experience monitoring and identifying leaks in underground petroleum systems and our experienced team can help mitigate contamination events
- **Quality service:** Comprehensive quality assurance and quality control on every site visit and every report
- **Practical approach:** Dedicated, responsive customer service to guide you through the groundwater process



LEIGHTON O'BRIEN

leightonobrien.com
info@leightonobrien.com