



## Microvi MNE™ Restores Access to Clean Drinking Water for Remote Communities in Western Australia

Two aboriginal communities in Australia were challenged with well water that was contaminated with naturally occurring nitrate, making the water undrinkable.

Given the remote location, the communities needed a treatment system that was easy to operate, resistant to minor system upsets, and provides reliable nitrate removal. Conventional systems produce a secondary waste stream and have high maintenance requirements.

The [Microvi MNE™](#) technology was installed based on its ability to treat nitrate reliably without a skilled operator. Moreover, the Microvi technology produces nearly zero secondary waste.

Microvi's system was the first biological drinking water system to be installed in Australia and receive Australian Water Quality Certification for drinking water. The system has been operating since 2012 without loss of performance.

## Project Details

**Site:** Remote Communities in Western Australia

**Issue:** Unsafe levels of nitrate naturally occurring in well water.

**Solution:** [Microvi MNE™](#) for Nitrate Treatment

### Key Results:

- Obtained Australian Water Quality Certification for drinking water
- 40% cost savings over conventional alternatives
- Reliable operation under harsh environmental conditions.
- Influent of 100ppm consistently reduced to 25 ppm NO<sub>3</sub>

CONTACT US TO LEARN MORE →

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