



is now



#### Pre-existing Services

- Microdiagnostics - qualify and quantify microbial communities
- Bench Tests - determine the optimal bioremediation approach
- Culture Sales - Australian microbial communities specialised for degradation of chlorinated ethanes, ethenes, or methanes
- Isotope Probing - provide unequivocal evidence that a contaminant is being biodegraded
- Expert Opinion - let our bioremediation experts turn your data into insights about your site

#### New Services

- Enzyme Assays - measure dehydrogenase activity to predict hydrocarbon degradation
- Nutrient Formula - specialised mixes for aerobic and anaerobic biostimulation
- Carrier-Mounted Hydrocarbon Degrading Consortia

## We have evolved!

Novorem is the new provider of bioremediation diagnostics and services in Australia. Novorem was founded to synthesise the bioremediation expertise of Micronovo and spill clean-up expertise of Enretech. Novorem offers an expanded range of services pertaining to the remediation of organochlorine and hydrocarbon contaminated sites.



### New Addresses

#### *Small packages:*

P.O. box 1157  
Moss Vale NSW 2577

#### *Samples:*

Enretech/Novorem Pty  
Ltd 11 Old Dairy Close  
Moss Vale NSW 2577

We have moved headquarters to Moss Vale, NSW, where we have established a brand new laboratory (please take note of new addresses for parcel and sample deliveries). We also have a bigger team than ever before. Through this new venture, we will continue to provide you with personalised support, quick turnaround times, and reliable scientific advice. Browse our expanded services list, and visit our new website at [novorem.com.au](http://novorem.com.au) for more information.



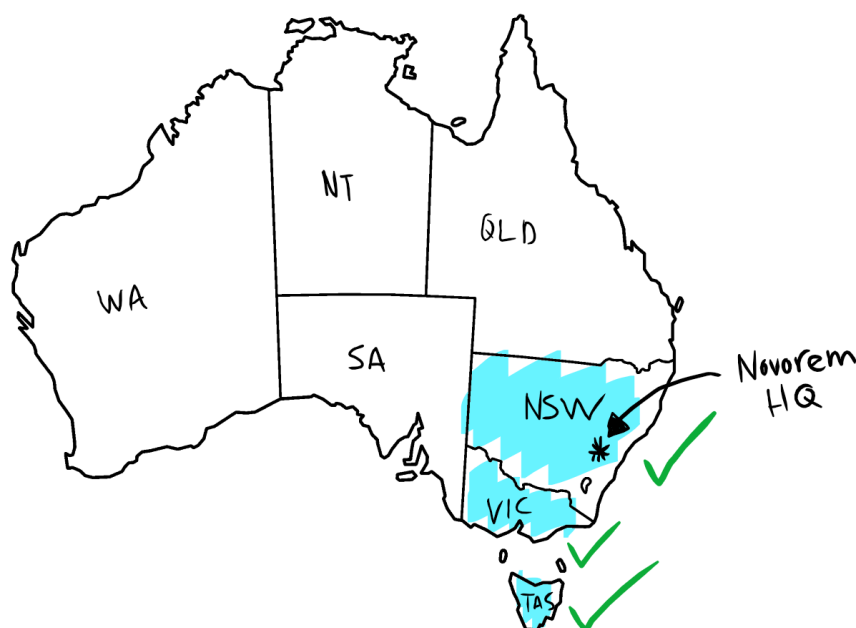
## Spotlight: Natural Attenuation



Natural attenuation is a bioremediation process whereby no alterations to the contaminated site are conducted, due to the site's biological, chemical or physical ability to naturally decrease the amount or concentration of the contaminant. Monitored natural attenuation is the simplest form of bioremediation. If bench tests determine that contaminant levels are decreasing without any intervention, there is a case to remediate the site using monitored natural attenuation. A detailed initial hydrogeological characterisation of the site is then required to validate the strategy. Following approval, periodic analysis of contaminant levels and optional additional tests such as microbial identification and quantification will suffice to clean up the site. Novorem can perform the initial bench tests and provide a case for natural attenuation at your site. We can also conduct the periodic site monitoring required for your natural attenuation strategy.

## Recent News

Novorem recently delivered the first batch of organochlorine respiring bacteria to be deployed in Tasmania. Biosecurity Tasmania approved the importation and Tasmanian EPA approvals were granted to the client to inject the culture (AusPCE for reduction of chlorinated compounds) into a contaminated aquifer. This represents the third state (after Victoria and NSW) where permissions have been granted to bioaugment contaminated sites with Novorem's cultures derived from the Botany Industrial Park, Sydney, NSW. For clients in other Australian states we are happy to work with you to obtain the necessary approvals to trial organohalide respiring bacteria as a solution to your clean-up mission.



Bioaugmentation using AusPCE approved in three Australian states.

**For our international clients:** All of our services are available to you, including culture delivery. We can also receive your environmental samples and perform bench tests, microdiagnostics, and isotope probing.

Get in touch!

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