

RemBind[®] Inject

Product Overview

Best-in-Class Sorption for PFAS in Groundwater

RemBind[®] Inject is a proven injection product designed to remove Per- and Polyfluoroalkyl Substances (PFAS) in impacted groundwater, as well as chlorinated and hydrocarbon compounds.

This targeted approach delivers cost-effective contaminant reduction while minimising site disturbance, supporting efficient and controlled remediation of impacted groundwater.

Key Benefits

- **Optimised *in-situ* delivery** under multiple hydrogeological conditions.
- **Enhanced sorption** of long- and short-chain PFAS and other organic contaminants effectively reducing concentrations in groundwater.
- **Cost-effective** compared to *ex-situ* approaches, eliminating pumping, excavation, and disposal requirements.
- **Support** includes conceptual site model (CSM) review, expert design consultation, injection planning, and equipment support.
- **Proven performance** demonstrating reliable reagent delivery and emplacement.

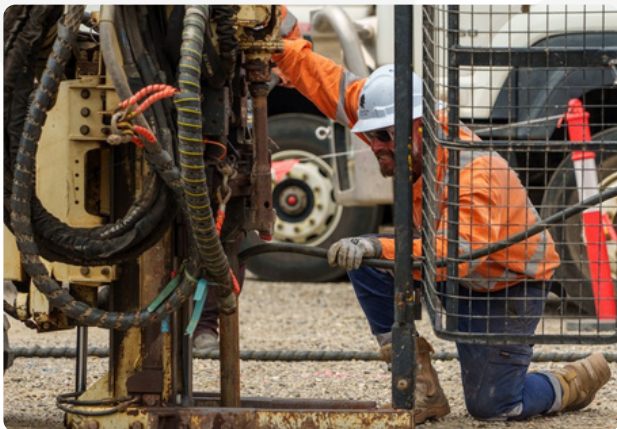


How It Works

RemBind[®] Inject is delivered into impacted saturated media using direct push drilling technologies, with specialised pumps and tooling ensuring precise placement of the reagent.

Once emplaced, RemBind[®] Inject binds and removes PFAS and other organic contaminants, reducing mobility and effectively immobilising them in place.

Treatment can target source areas or can be designed to intercept contaminant plumes through the installation of robust, long-lived permeable reactive barriers (PRBs).



Injection Process

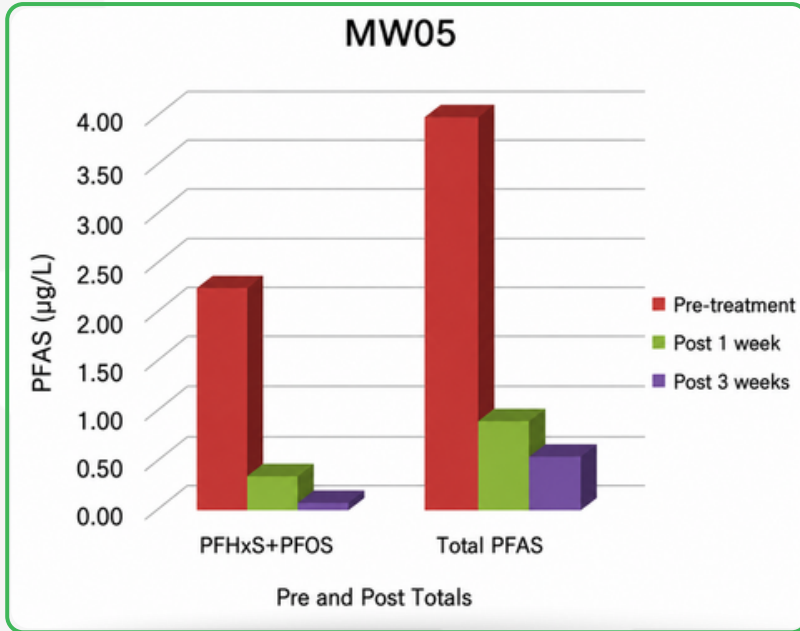
- 1 Site Assessment:** Review the Conceptual Site Model (CSM), boring logs, field data, previous remediation and historical monitoring information.
- 2 Design & Planning:** Injection specialists develop a tailored remediation strategy that can include liaising with local drillers and tooling suppliers.
- 3 Reagent Delivery:** RemBind[®] Inject is slurried and injected into the subsurface using appropriate pump(s), and tooling.
- 4 Monitoring:** Temporary or permanent wells are used to assess treatment effectiveness and confirm contaminant immobilisation.

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Performance Data

Table 1: PFAS concentrations in groundwater in well MW05 before and after treatment with RemBind® Inject



Why Choose RemBind® Inject?

- **Proven** with effective PFAS and organic contaminant immobilisation
- **Scalable** for small and large sources and plumes
- **Includes equipment and injection support** as part of the service
- **Minimises regulatory and operational risks** by treating contaminants in place



Technical Support

Our team provides comprehensive, end-to-end guidance and support to ensure successful project delivery:

- Site characterisation and Conceptual Site Model (CSM) review
- Injection design and planning
- Equipment guidance and selection and operational oversight
- Monitoring and post-injection performance evaluation

Contact **RemBind Technical Support** to discuss your project and request a site-specific plan.