

Bio Spike

In situ solution for the remediation of contaminated soil and groundwater.

Bio Spike is a soluble block containing selected bacteria and micronutrients that permanently break down organic contamination.

High concentrations of non-pathogenic pseudomonas bacteria breakdown long chain and complex hydrocarbons

Originally developed by Bio Systems to target hydrocarbon pollution in soil with a shallow or variable height water table. Proven effective to reduce sludge in settlement lakes and collection tanks

Using onsite treatment Bio Spike reduces the cost of soil excavation and removal of contaminated ground water

Bio Spike is applied by lowering into a 50ml bore hole at the predetermined depth where it slowly dissolves spreading the beneficial bacteria and support nutrients required to permanently break down the contamination. Where ground water is an issue the bacteria will migrate through the water course to increase the treatment area.

- Reduces contamination levels without the need for major excavation:
- Results can be independently verified
- On site treatment reduces waste removal and soil replacement – more acceptable for planning authorities
- Ease of application and low maintenance

Specification:

Contains proprietary EU registered bacteria combined with nutrients and a slow release binding agent.

Form:	500g soluble block
Colour:	Red
Solubility in water:	> 99.5 % @ 20 deg C
pH:	6.5 to 7.5
Pack type:	10 Kg buckets
Shelf Life:	1 Year

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