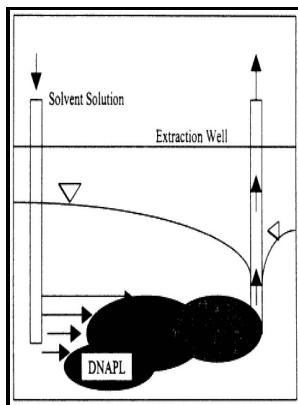


# Enhanced removal of residual DNAPL with hot water injection

National Library of Canada - Enhanced Treatment of DNAPLs Contaminated Soils and Groundwater Using Biosurfactants: In



Description: -

-Enhanced removal of residual DNAPL with hot water injection

- Canadian theses = -- Thèses canadiennes Enhanced removal of residual DNAPL with hot water injection

Notes: Thesis (M.A.Sc.) -- University of Toronto, 2000.  
This edition was published in 2000



Filesize: 17.106 MB

Tags: #4 #DNAPLs: #Technologies #for #Characterization, #Remediation, #and #Containment

## US6511601B2

It has been suggested that chromatographic separation of surfactants and cosolvents could reduce microemulsification efficiency.

### 6.12 Former UGI Columbia Manufactured Gas Plant, Columbia, Pennsylvania

Hydraulic Fracturing Fracking Successfully remove oil found in. The only reactive medium currently in the commercial stage of application is zero-valent iron, which is being used with funnel-and-gate technology. Mild oxidants or solubilizing agents can be added to improve the cleaning.

## US6511601B2

**Fact sheet: Soil mixing—chemical process—in situ — Guidance and Orientation for the Selection of Technologies — Contaminated sites — Pollution and waste management — Environment and natural resources — Canada.ca**

Partitioning Tracers The partitioning of an organic compound between DNAPL and water is largely a function of the solubility of the compound in water. Where some layers have higher conductivity than others, as is typical of layered sedimentary aquifer formations, flow will preferentially occur in the higher-conductivity units.

## US6511601B2

The selection of reactive media depends on site geochemistry, contaminant loading, required degree of contaminant concentration or mass reduction, and design lifetime of the permeable barrier.

## **EP2001611A2**

The post-Pilot Test soil samples were collected from July 7, 2006 to July 12, 2006 at the end of the Phase IV post-injection monitoring period. Softening alone is insufficient for most high-pressure boiler feedwaters and for many process streams, especially those used in the manufacture of electronics equipment.

### **DeepDyve**

A given volume of soil thus heats gradually.

---

## Related Books

- [Asahi kīwādo. - 2000-2001](#)
- [Archaeological Data Recording Guide.](#)
- [VI Premios 1991 - urbanismo, arquitectura y obra pública.](#)
- [Geist des Codex iuris canonici. - Eine Einführung in das auf Geheiss Papst Pius X. verfasste und von Isopo Laurenziano - edited with notes and an introduction treating of the interrelation of Italian f](#)