

# Pump and Treat

Remediation technology that cleans up groundwater contaminated with dissolved chemicals by pumping groundwater from wells to an above-ground treatment system that removes the contaminants.

## [Performance-Based Optimization of Pump & Treat Systems](#)

### **Section 2 (Life Cycle Optimization)**

This document provides an understanding of adaptive management as a key to optimization and presents a technical framework for conducting optimization efforts at P&T sites. While optimization of P&T may not achieve all site goals, this document provides support for transition or termination or both when optimization indicates that P&T may not be the solution, or sole solution, going forward.

## [Integrated DNAPL Site Strategy \(IDSS-1\)](#)

### **Section 4.1.4.1 (Pump and Treat)**

Provides an overview of pump and treat, its uses, and limitations.

## [Overview of Groundwater Remediation Technologies for MTBE and TBA \(MTBE-1\)](#)

### **Section 4.1 (Groundwater Extraction and Aboveground Treatment: Pump and Treat)**

Provides an overview of Pump and Treat and its applicability.

## [Characterization and Remediation in Fractured Rock \(FracRX-1\)](#)

### **Section 6.4.2.2 (Groundwater Pump and Treat)**

Detail pump and treatment systems in sites with fractured bedrock.