

# INJECTION REMEDIATION

**In-Situ remediation** is one discipline within the broader scope of Environmental remediation. Strata Drilling Group is the leading provider of direct injection equipment & services through direct push points that can be used for distributing high viscosity agents and caustic remediation fluids throughout the entire site where permanent treatment systems are not desired, necessary or feasible. Periodic direct injection of remediation products can be a cost efficient, noninvasive cleanup method.

## BENEFITS:

- Minimal site disturbance
- Capable of "bottom-up" or "top-down" injections.
- Capable of operating systems in confined sites including inside buildings

## FEATURES:

- Strata Drilling Group offers the following equipment for injection services:

### Drill Rigs:

Geoprobe® 7822DT	Geoprobe® 6620DT
Geoprobe® 54LT	Geoprobe® 420M
Geoprobe® 540MT	

### PUMPS:

1. **GP300 GROUT SYSTEM:** hydraulically driven dual piston pump, used to inject high viscosity materials
  - 3.6 gpm
  - Operating pressure up to 1,800psi
  - Injection of both high viscosity agents and caustic remediation fluids
  - Injection of the most abrasive grouts
2. **GP800 INJECTION SYSTEM:** gas driven diaphragm pump used to inject corrosive oxidizers
  - 8 gpm
  - Operating pressure up to 650psi
  - Operates independently of probe machine
  - Injection of corrosive oxidizers: permanganates, peroxides and other acids
  - Stainless steel pump and internal component construction to resist corrosion caused by oxidants
  - Capable of "bottom-up" or "top-down" injections



## TOOLING OPTIONS:

- Bottom-up injection
- 2.25", 1.5" & 1.25" pressure activated injection probe

