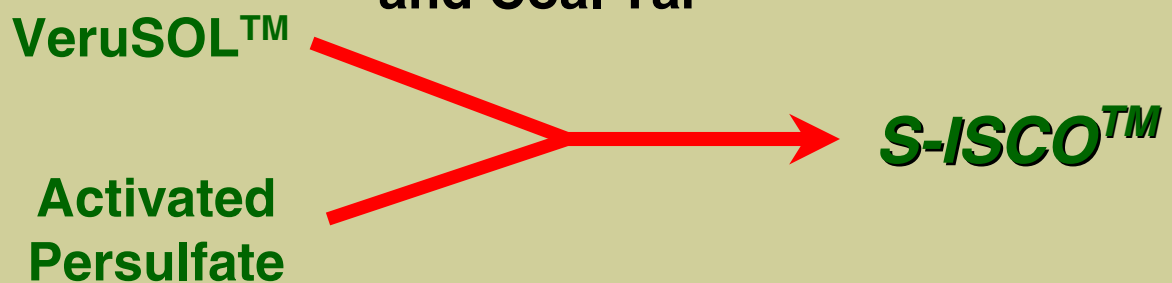


S-ISCO™

SURFACTANT ENHANCED IN SITU CHEMICAL OXIDATION TECHNOLOGY*

A Coeluent Technology™

Based on the Hoag-Collins Process, S-ISCO™
Destroys Shallow and Deep Subsurface MGP NAPLs
and Coal Tar



SAFE, EFFECTIVE AND COMMUNITY FRIENDLY

- VeruSOL™ is a proprietary mixture of an all natural biodegradable citrus-based solvent and surfactants made from plant-based natural oils (MSDS available)
- Activated Persulfate is a proven free-radical based oxidant system capable of destroying Manufactured Gas Plant chemicals, such as BTEX, PAHs and other Semi-Volatile Organic Compounds
- S-ISCO™ chemicals are safely mixed above ground, easily injected into the subsurface by injection wells, direct-push methods or using in-place fracturing technologies, and have long residence times
- Existing ISCO process have failed to effectively treat MGP Tars, LNAPLs and DNAPLs because oxidation is an aqueous phase treatment process and NAPLs do not adequately dissolve in water
- VeruSOL™ increases MGP compound solubility 100X or more without mobilizing NAPLs, enabling rapid destruction of NAPLs by oxidation (can also be used with ozone and Fenton's Chemistry)

VeruTEK Technologies, Inc.

628-2 Hebron Avenue, Glastonbury, CT 06268 tel: 860-633-4900

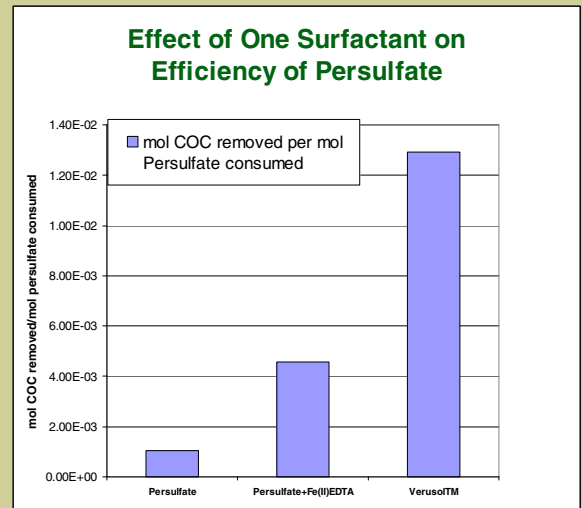
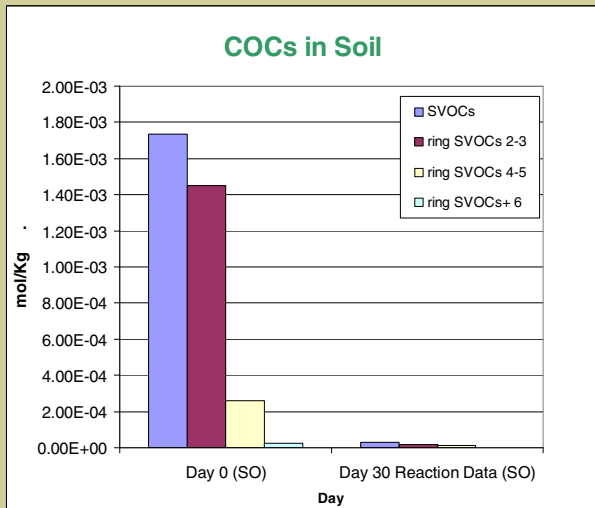
cmiceli@verutek.com, www.veruTEK.com

* Patent Pending

Project Fact Sheet

VeruTEK Technologies, Inc.

- Confidential Site in New York State – Contamination to 35 feet bgs
- Soils in Test Area Tar-Saturated with BTEX and PAHs up to 1,000s of mg/Kg, TPH up to 10,000 mg/Kg – NAPLs predominate
- Extensive Laboratory Treatability Testing – greater than 90 percent destruction



- Large Pilot-Test Results – dramatic visual removal of tars from soils and up to 100 percent compound destruction in soils, 1000s of Kg MGP Tar destroyed



Before S-ISCO™ Treatment



After S-ISCO™ Treatment