

IN-SITU GROUNDWATER AND SOIL REMEDIATION



Mobile groundwater remediation system - turnkey package installed in 48' trailer for air / ozone sparging 60 injection wells at a Superfund site. Cleanup was achieved and system moved to another site.



SVE systems - design and build, or fabricated to your specifications. Available with telemetry for remote laptop or PC monitoring and control.



Mobile SVE



Stationary groundwater remediation system with 24 lbs/day ozone - turnkey package installed in 20' cargo container for air/ozone sparging at 80 injection wells, with PLC for user adjustable timing of pulsed sparging.



Stationary groundwater remediation system with 26 lbs/day ozone - turnkey package installed in 20' container for air/ozone sparging up to 8 CFM at 30 injection wells, with PLC for user adjustable timing of pulsed sparging.

All air/ozone sparge systems and SVE systems are available with telephone dialer to annunciate alarms, or telemetry for remote monitoring and control, and text messaging.

AIR SPARGE AND OZONE SPARGE MANIFOLDS

Stainless Steel Schedule 40 pipe with welded couplings for attachment of sparge li hardware. (Compare this construction to the labor-intensive assembly of multiple te and nipples, prone to leaks).



Section of Type 316 stainless steel manifold showing construction, with Swagelok fittings used to plumb all components. Brackets for wall mounting are welded to the pipe.



MADE TO ORDER: Ozonology will fabricate manifolds to a user's specification, and furnish and install all specified flow throttling valves, solenoid valves, flow meters, pressure gauges, etc., then pressure test the finished manifold(s) to assure against leaks upon installation. Such a customized manifold is offered for sale separate from an Ozonology system.



10' Container SVE