

Remediation Partners Consortium



“Brownfield Site Cleanup” Find It & Fix It!

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*Remediation Partners believe that optimal soil and groundwater treatment can best be achieved by bundling complementary technologies into a “**Treatment Train Approach**”. Our team of solution providers is motivated to think outside of the box to arrive at more than one alternative for our client’s most difficult problems!*

Remediation Partners Toolbox



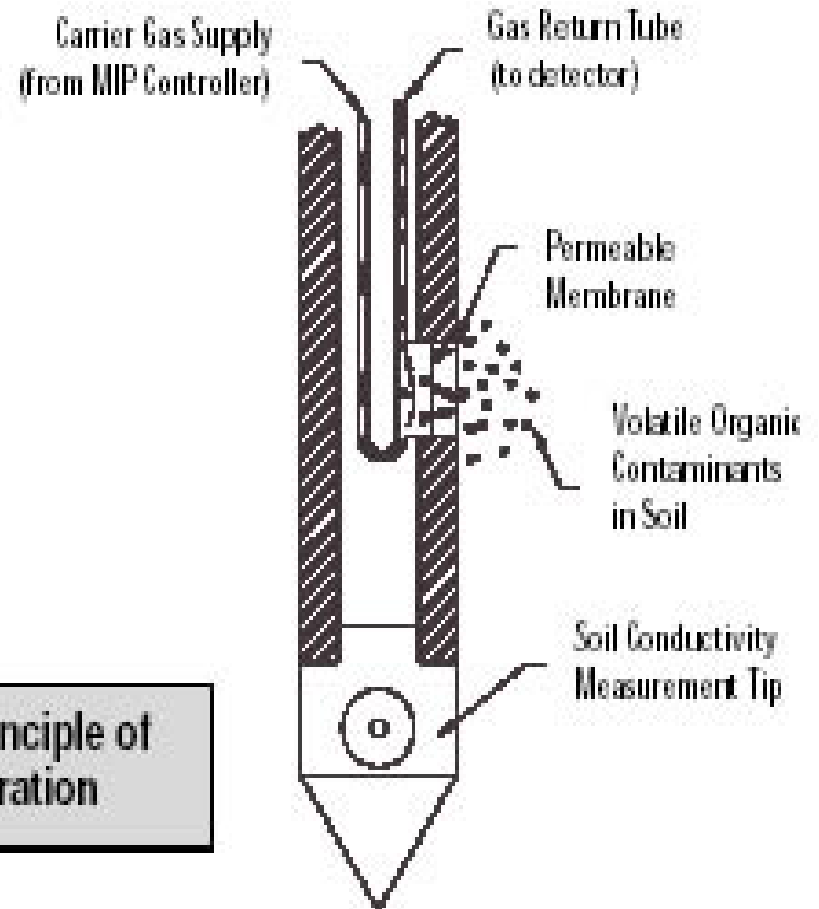
Find It!



Membrane Interface Probe System (MIPS)

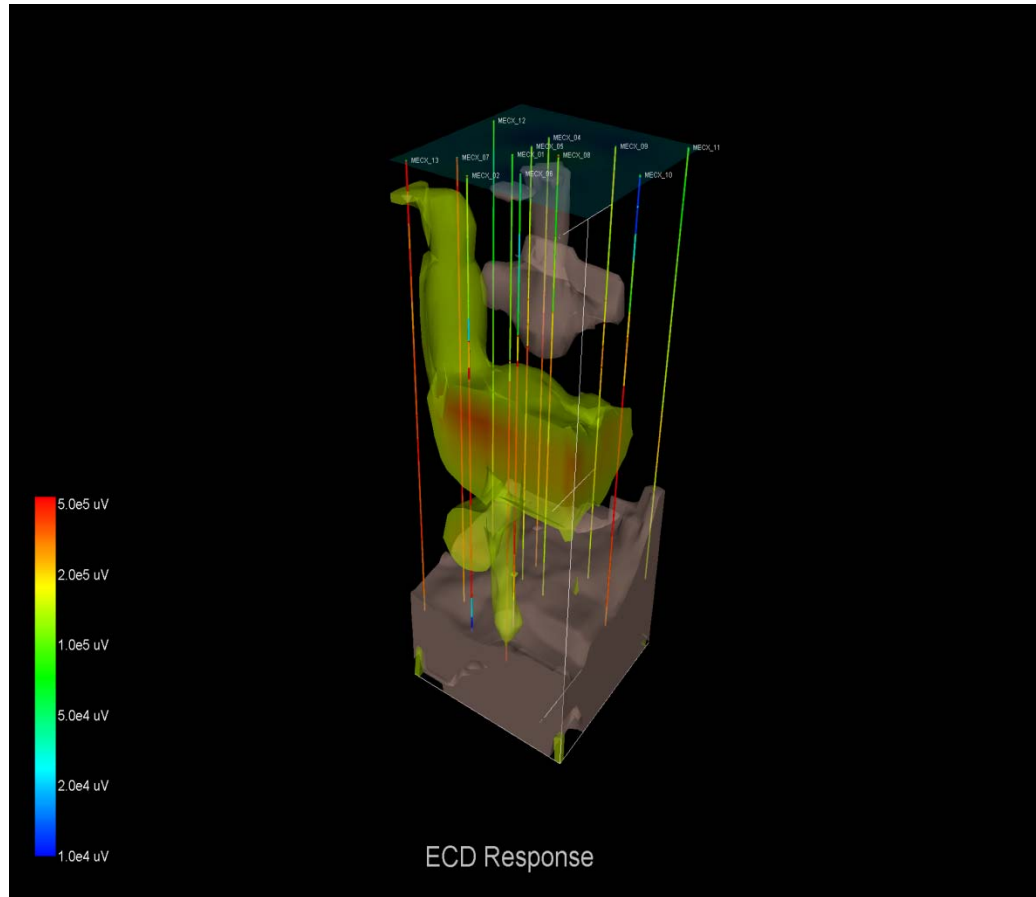


MIP Principle of Operation

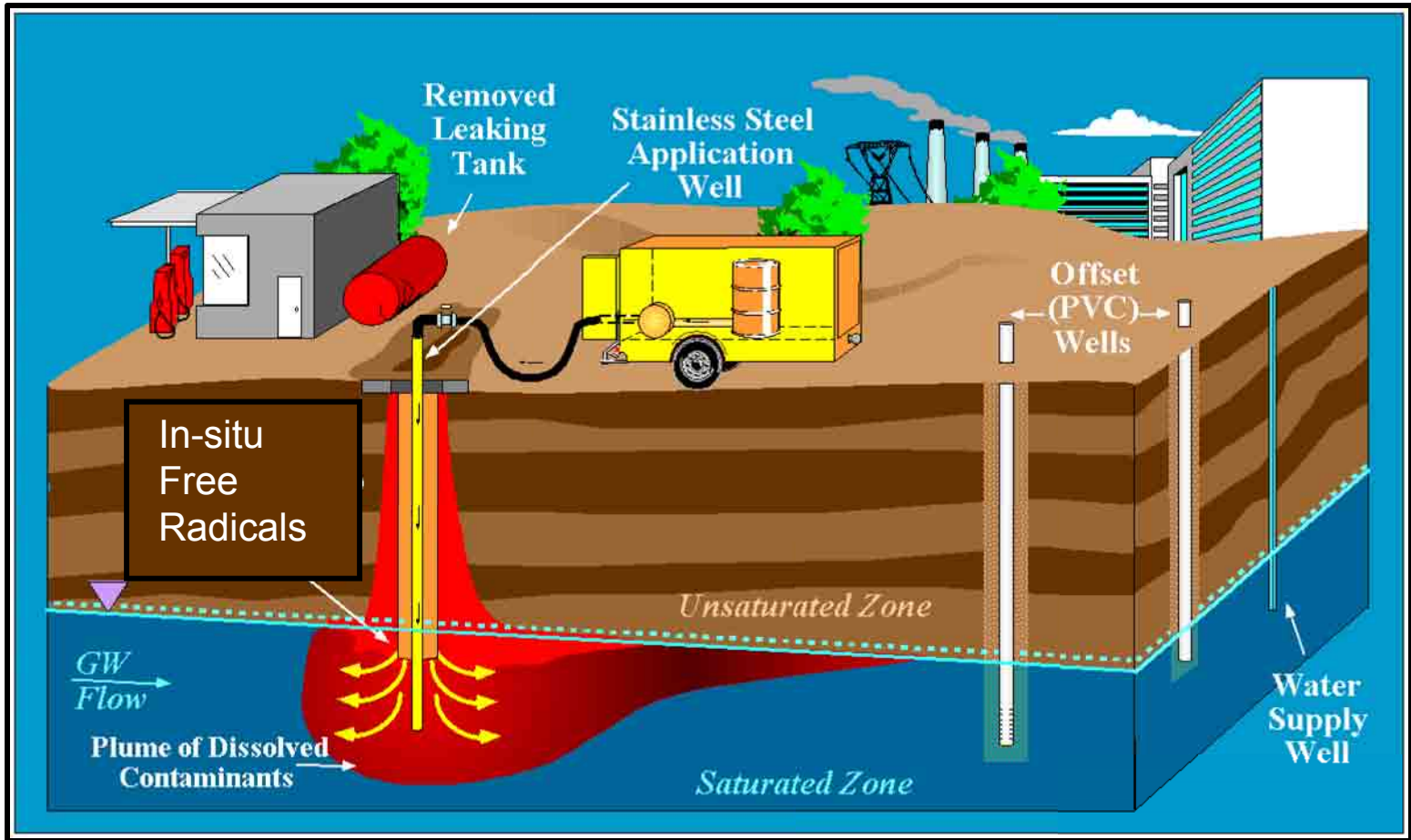


Small heater volatilizes VOCs in soil immediately adjacent to probe

Three-Dimensional Site Characterization



MEC^x - ISCO



Relative Power of Chemical Oxidants

<u>Reactive Species</u>	<u>Relative Oxidizing Power</u>
Hydroxyl Radical	2.06
Activated Persulfate	1.91
Ozone	1.52
Persulfate	1.48
Hydrogen Peroxide	1.31
Permanganate	1.24
Chlorine Dioxide	1.15
Chlorine	1.00

Persulfate Activation Methods

- Presence of transition metals
- Heat activation
- Hydrogen peroxide
- High pH activation

www.envsolutions.fmc.com

Temperature Monitoring



#6 Fuel Oil Remediation Historic Building Attleboro, Massachusetts

