21ST CENTURY IN-SITU SOLUTION

R3 Industrial Cleaning Services, LLC

- The Science
- The Benefits
- Full Service or Self-Service Options
WHAT IS A REDOX REACTION?

Oxidation-reduction reactions (redox reactions) are reactions in which electrons are lost by an atom or ion in one reactant and gained by an atom or ion in another reactant. Although electrons are gained and lost in these reactions, the balanced equation for a redox reaction does not show the electrons that are being transferred. In order to tell whether a redox reaction has occurred or not, we need a way to keep track of electrons. The best way to do so is by assigning oxidation numbers to the atoms or ions involved in a chemical reaction.

R3mediate starts working immediately through a high-energy redox reaction and begins breaking down the hydrocarbons. R3mediate's proprietary, non-toxic blend then micro-encapsulates hydrocarbon's inside a silica cell.

Since 2006, the United States Environmental Protection Agency (USEPA) allows for on-site "in-situ" techniques and processes.
Compared to other processes and products; R3mediate does not alter the Ph of the soil, alter soil temperatures, or utilize microbes. R3mediate is safe in aquatic environments!

Micro-Encapsulation renders the hydrocarbon insoluble and immobile. Measured total petroleum hydrocarbon (TPH) may be effectively reduced to at or below state guidelines, when applied correctly!
Benefits

**COMPARED TO DIG & HAUL**
- Significant cost reduction
- Less equipment, personnel, and risk
- No trucking, heavy equipment
- No more disposal fees

**FULL-SERVICE**
R3 is available to offer cost proposals for full-service clean-ups and housekeeping.

**SELF-SERVICE**
R3 is a relationship-based company. We are happy to offer your staff, contractor, or roustabout company our products and training.
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