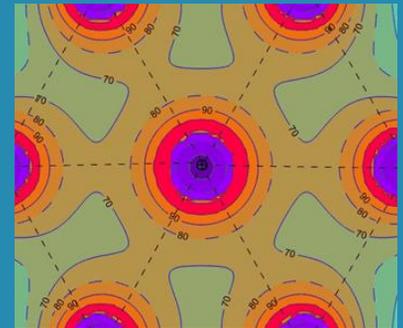


### WHEN RESULTS MATTER

#### Why ISOTEC?

ISOTEC is a full-service environmental firm dedicated to providing the industry's leading designs, operating techniques and value-added remediation services. Our partnership with G.E.O., Inc. allows us to provide the leading technology in In-Situ Gas Thermal Remediation.



Target Temperature Distribution

#### Why Gas Thermal Remediation (GTR)?

- GTR is a robust, field-proven technology, capable of remediating the full-range of Volatile Organic Compounds and Semi-Volatile Organic Compounds
- All treatment energy is provided by natural gas, ethanol, *DIESEL*, or mobile propane tanks
- Scalable to fit any size project - even small sites in urban areas and under buildings
- Thermal conductive heating precisely targets treatment zone
- Flexible energy source of either natural gas, propane, diesel, or ethanol
- Remediation is driven by volatilization and steam-stripping



Thermal Starter

#### Contact Us!

**In-Situ Oxidative Technologies, Inc.**

11 Princess Road, Suite A

Lawrenceville, NJ 08648

[info@insituoxidation.com](mailto:info@insituoxidation.com)

617.964.0945

# ISOTEC

REMEDIA  
TECHNOLOGIES



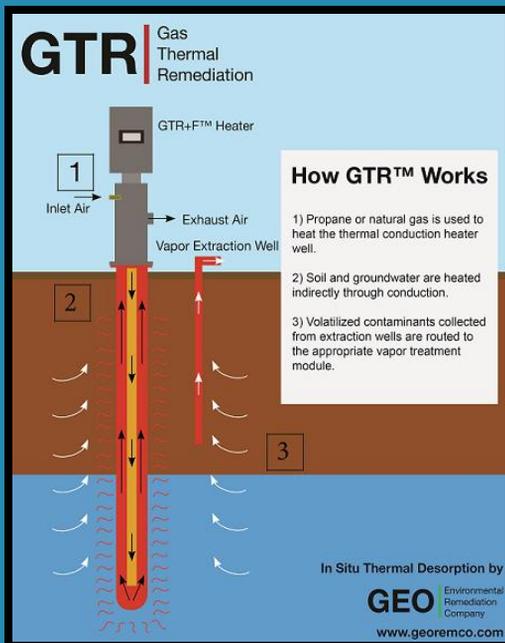
WHEN

## FLEXIBILITY MATTERS

Remediate sites contaminated with BTEX, chlorinated solvents, PAHs, PCBs, pesticides, and coal tar.

No site electrical upgrades are needed and conveyancing materials are commonly available, making installations rapid and affordable!

- Nominal electric power required (i.e. blowers, burner controls, etc.) and when not available (remote sites), a mobile generator can be used for a completely off the grid system. **Large and costly power upgrades are not required.**
- Individual controls allow burners to be removed from operation as localized areas reach their treatment goals. **Flexibility translates to energy and cost savings.**
- Complete mobilization in as little as 2 weeks.
- No noise, smell, or traffic nuisances.



## Contaminant Collection & Disposal

**C<sup>3</sup>** Cooling  
Compression  
Condensation

C<sup>3</sup> Technology is a combination of compression, cooling, and condensation processes with a proprietary regenerative adsorption technology that efficiently recovers volatile organic compounds (VOCs) from the off-gas vapor stream of soil vapor extraction, dual phase extraction, and GTR thermal systems. The chemical is recovered as a non-aqueous phase liquid (NAPL) that is temporarily containerized in appropriate vessels for recycling or proper disposal. Generally, greater than 99.98% of the VOCs are recovered from the vapor stream. Dependent upon the contaminant and State or local agency, final effluent may be polished with granular activated carbon (GAC).