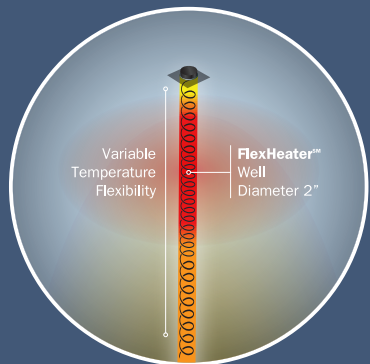


# FlexHeater<sup>SM</sup> and HybridHeater<sup>SM</sup> Remediation Services



Complementing almost two decades of providing remediation certainty with Electrical Resistance Heating (ERH), TRS Group now offers patented and patent-pending Thermal Conduction Heating (TCH) services for the remediation of VOCs, SVOCs, PCBs and PFAS.

**Background** – After three years of research TRS Group introduced **FlexHeater<sup>SM</sup>** and **HybridHeater<sup>SM</sup>** remediation services in April 2018. We have applied them at a Superfund Site in Florida and in Ohio, North Carolina and Brazil.



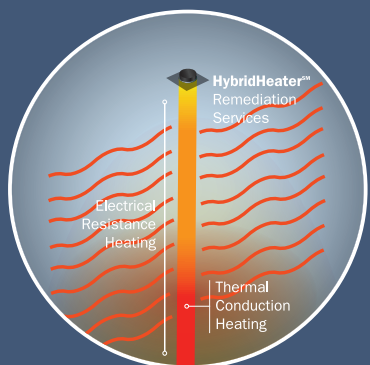
## FlexHeater<sup>SM</sup> Remediation Services

TRS Group installs a slinky-like, coiled wire into a 2-inch diameter steel pipe – the greater the coil density, the hotter the casing.

**Better** – Because we can vary temperature vertically at discrete intervals in the heater well, you can easily target the contaminants at the depths of interest.

**Faster** – Reconfiguring the heater element allows targeting specific zones throughout the remediation, resulting in completing projects faster.

**More Economical** – Narrow diameter, direct push casing is less expensive to install than larger systems requiring drill rigs, resulting in a lower cost solution.



## HybridHeater<sup>SM</sup> Remediation Services

TRS Group can provide ERH and TCH in a single borehole, allowing better energy delivery and affording an efficient, remediation solution.

Suppose you have VOCs in soil and underlying fractured, granitic bedrock. Using the unique technology, you apply ERH in the overburden and TCH in the rock, all within the same borehole.

Additionally, if you have a highly transmissive aquifer with high groundwater velocity, the service can add more energy where you need it.

## FlexHeater<sup>SM</sup> Remediation Services Element



## PFAS Remediation

Using **FlexHeater<sup>SM</sup>** remediation services, TRS Group has demonstrated removal of 99.997% of PFAS from soils, regardless of the total organic carbon levels.

**SAFE. FAST. CERTAIN. GUARANTEED.**  
**Proven Results from Over 18 Years and 160 Sites**

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