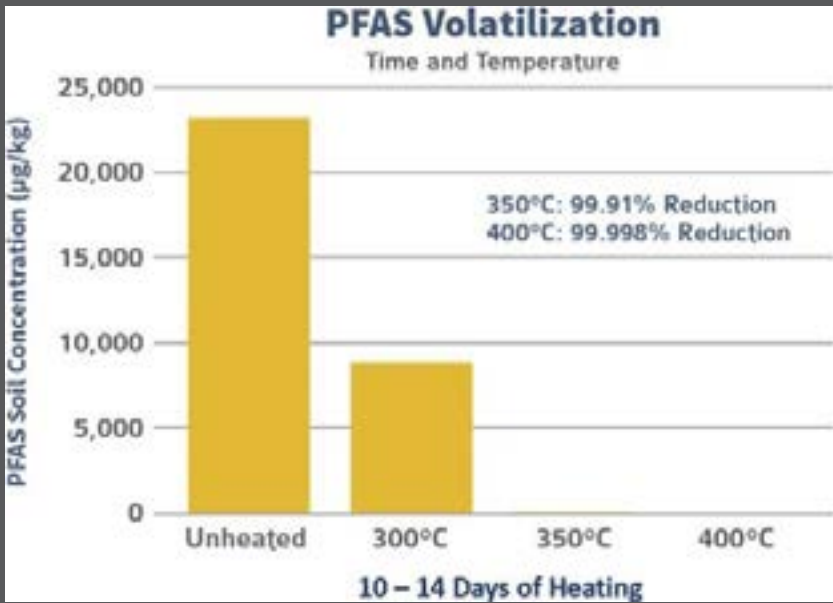


# Thermal Remediation of PFAS-impacted Soil

TRS provides in situ and ex situ heating solutions for the remediation of PFAS-impacted soils. In fact, the U.S. Patent and Trademark Office awarded TRS a patent for our PFAS thermal remediation solutions. Further, our patent-pending **FlexHeater**<sup>®</sup> thermal conduction heating (TCH) services can reduce PFAS concentrations by more than 99.99%.

## Our Process

Our patented process involves heating the impacted soils, in situ or ex situ, to temperatures between 300 and 400°C and maintaining the elevated temperatures for up to two weeks. The process is safe, certain and remarkably effective.



*Our FlexHeater<sup>®</sup> thermal conduction heating service element glows in a pipe.*

## Our Projects

In 2020, the Department of Defense, through its Environmental Security Technology Certification Program (ESTCP), awarded TRS and collaborators two projects, each focused on the thermal treatment of PFAS-impacted soil: in situ thermal treatment in the vadose zone and ex situ treatment of soil piles.

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