



Enhanced PFAS Source-Area Treatment

Soil Mixing

Excavation

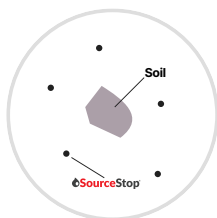
Permeable Barriers

Engineered Fill

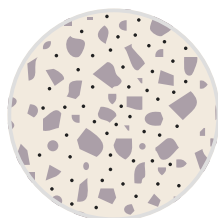
SourceStop® Solid is a dry, low-dust colloidal activated carbon-based microaggregate that immobilises PFAS in impacted soil, reducing leachability and preventing continued discharge to groundwater. It begins working immediately and is easily applied using standard earthworks equipment.

How SourceStop Works

When mixed into PFAS impacted soils, SourceStop microaggregates release fine colloidal activated carbon particles. These coat soil grains and penetrate into the soils, creating a highly sorptive matrix that immediately immobilises PFAS.



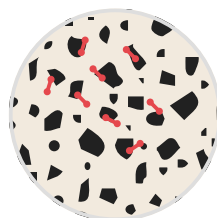
Fine Particles



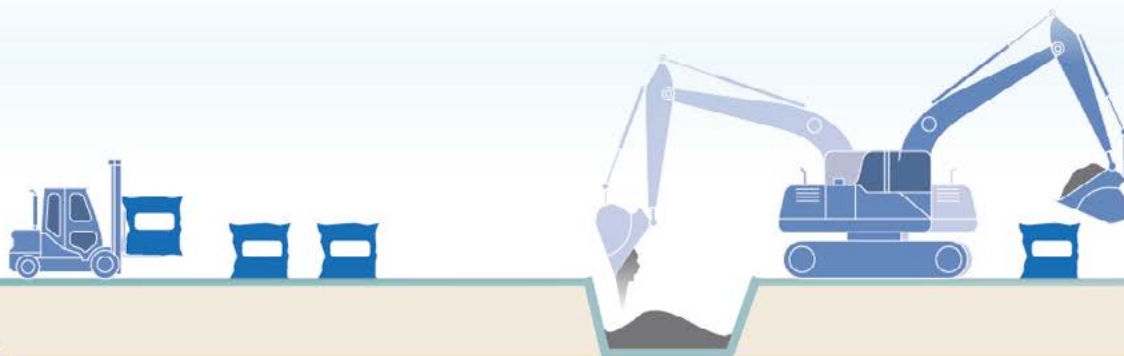
Enhanced
Distribution



Complete Soil
Coverage



Immediate PFAS
Immobilisation



Benefits Onsite

- **Most effective stabilization compound:** micron-scale activated carbon is the most effective sorbent for PFAS
- **Enhanced certainty:** Colloidal activated carbon particles ensure excellent soil coverage and consistent contact with PFAS for improved treatment.
- **Low-dust formulation:** Easy to handle and apply, with no dedicated dust-suppression system required.
- **Rapid and cost-effective application:** no need for soil saturation or geotechnical amelioration, no dust suppression, minimized mixing passes.

Easy to Apply

- **Dose:** Apply SourceStop at the site-specific design rate.
- **Mix:** Blend using an excavator, screening bucket, auger or rotary mixing head.
- **Verify:** Document dosage and mixing, then confirm performance through leachability testing.



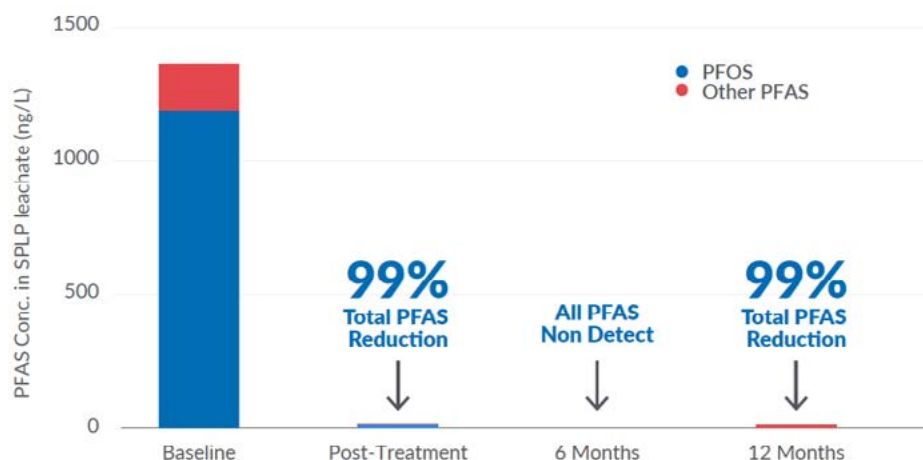
Application

- Excavated soil, in situ soil mixing, trench barriers, excavation bases and sidewalls, treated fill

Demonstrated Results

PFOS (red) and remaining PFAS concentrations (blue) in soil leachate at baseline and post-treatment following source zone treatment.

99% Reduction in PFAS Leachability



Interested in a more effective way to treat PFAS-Impacted Soil?

Contact REGENESIS for a site-specific application review, treatability testing, and dosage and mixing recommendations.