

MANAGE AND REDUCE LEACHATE DISPOSAL FOR A CLEANER ENVIRONMENT

**ENCAPSULATE PFAS IN YOUR LANDFILL ELIMINATING
THE NEED FOR OFF-SITE DISPOSAL OR TREATMENT.**





Per- and polyfluoroalkyl substances known as PFAS are widely used, long lasting chemicals, components of which break down very slowly over time. Because of their widespread use and their persistence in the environment, many PFAS compounds are found in water, air and soil at locations across the US.¹

HOLCIM IS HERE TO HELP.

Holcim's innovative blend of products are optimized for the encapsulation of PFAS in polluted waters and soils.

- ✓ Patented process originally designed to encapsulate PFAS in landfill leachate concentrate
- ✓ The treated concentrate can either be made into a slurry and sprayed on the face of the landfill as an alternate daily cover or,
- ✓ The treated concentrate slurry can be placed in the landfill and allowed to set up
- ✓ In either case, the encapsulated PFAS is no longer available to be released into the landfill

Holcim is searching for pilot projects to demonstrate the viability of our solution. Contact us for more information today!

Studies have shown that 45-50% of U.S. drinking water supplies contain at least one form of PFAS.²

Landfills are one of the top sources of waste containing PFAS. As a landfill operator, you now have options to address the removal of PFAS from landfill leachate.

BENEFITS

- ↓ PFAS Substantial reduction in leachability of PFAS
- ↓ \$ Reduction in costs of leachate management
- ⚙️ Comprehensive technology – no residual to treat

For more information visit [holcim.us/PFAS](https://www.holcim.us/PFAS) or click here.

1. <https://www.epa.gov/pfas/pfas-explained>

2. K.L Smalling, et. al.; U.S. Geological Survey; "Per- and polyfluoroalkyl substances (PFAS) in United States Tapwater: Comparison of Underserved Private-Well and Public-Supply Exposures and Associated Health Implications"; *Environment International*; Volume 178, August 2023.

