

# Per- and Polyfluoroalkyl Substances (PFAS) Response

New Challenges: New Solutions



Of the many emerging contaminants threatening our environment, PFAS compounds are recognized as some of the most pervasive and challenging. At HGL, our goal is to navigate our clients through the complex process of identifying and managing PFAS contamination as regulatory requirements and treatment technologies continue to evolve. HGL has an established team of subject matter experts and practitioners with extensive experience across the full range of PFAS investigation and remediation service areas.

Our performance on PFAS task orders has consistently earned “Exceptional” and “Very Good” Contractor Performance Assessment Reporting System (CPARS) ratings. *“HGL management works diligently to stay up-to-date with the evolving PFAS regulations and requirements on both a national and state/installation-specific basis to ensure the planning documents reflect the most current information available.”* (CPARS, 2021)



HGL has conducted PFAS studies and mitigations at over 200 facilities and over 1,000 sites.

HGL proven experience and expertise supports the following services:

- PFAS-focused Preliminary Assessments (PAs), Site Inspections (SIs), and Remedial Investigations (RIs);
- PFAS sample collection and handling following HGL's strict standard operating procedures, which are based on the most recent EPA, DoD, and Interstate Technology & Regulatory Council (ITRC) guidance;
- Advanced conceptual site model support as well as groundwater/fate and transport modeling;
- PFAS removal from drinking and surface water through granular activated carbon (GAC) and ion exchange systems;
- Time Critical Removal Actions/Non-Time Critical Removal Actions for PFAS-impacted media;
- Impacted drinking water mitigation through use of 24-hour bottled water delivery, hot tap connections, and point of entry or point of use treatment systems;
- AFFF stockpile replacement and disposal;
- Risk communication and other public outreach services;
- Subject matter expertise supporting multiple PFAS areas.

HGL's recent or ongoing PFAS project accomplishments:

- CERCLA PAs at over 183 installations and thousands of sites ranging from fire training areas, fire stations, stormwater systems, burn pits, landfills, hangars, crash and spill sites, and storage sites.
- CERCLA SIs at over 45 installations and 500 sites where drinking water was potentially impacted.
- CERCLA RIs at 68 investigation sites and 12 installations. One installation is complete, nine are entering second or third and final phase of fieldwork complete, and two are in the work plan phase.
- Drinking water mitigation ranging from large scale GAC/IX systems to POETs within homes at or near a dozen facilities.
- Data gap investigations outside of the CERCLA process, including Drinking Water Protection Studies and Conceptual Site Model (CSM) updates. HGL's hydrogeologists have performed seven of these studies.

