

Innovating Beyond Boundaries

For Remedial Technical Solutions



Life-cycle solutions from investigation to destruction

A Clean Water Mandate

Final Environmental Protection Agency (EPA) standards for per- and polyfluoroalkyl substances (PFAS) in drinking water have given the Department of Defense (DoD) an unprecedented mandate for action to address private drinking water contamination from DoD activities. DoD components face more stringent guidelines and an accelerated timetable for remediation at sites where concentrations of selected PFAS compounds are known to be at or above three times the enforceable EPA maximum contaminant limits.

noblis[®]

For the best of reasons

Noblis – the Advantage of Experience

For more than a decade, Noblis has been providing a comprehensive suite of PFAS solutions to the DoD, with the scope of expertise and innovative technologies to meet this mandate, earlier EPA health advisories, and other applicable state standards. Noblis experts bring extensive experience to every step of the remediation process:

- Conceptual site models (CSMs), fingerprinting and 3-D visualization to quickly locate and target PFAS contaminant sources in groundwater, soil, surface water and sediment
- Remediation strategies, feasibility evaluations and technical specifications for innovative containment and treatment solutions to help customers act quickly
- Cutting-edge techniques and technologies to isolate, remove and destroy PFAS contamination



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Key Capabilities

PFAS response actions

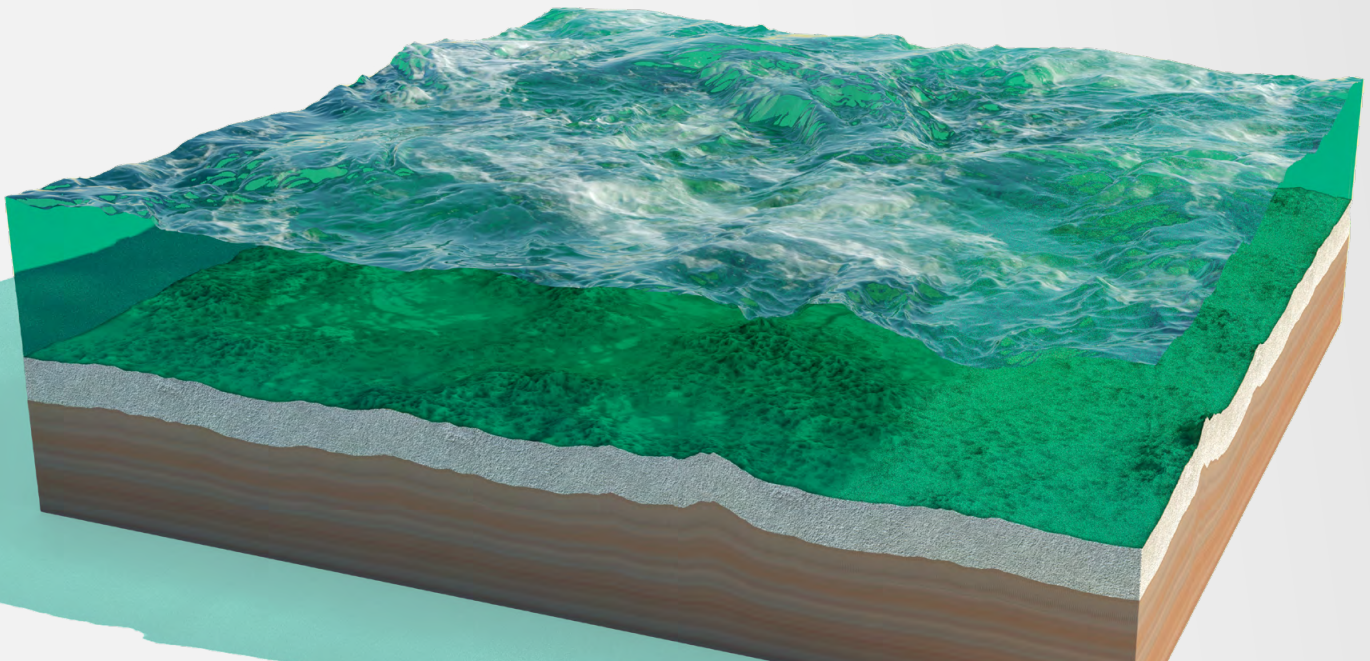
- Evaluating hydrogeologic and exposure CSMs
- Performing fingerprinting analyses to identify release sources and migration pathways
- Scoping and reviewing treatability studies
- Scoping, planning and designing response action pilot systems
- Performance and operations & maintenance data evaluation
- Reviewing engineering evaluations, cost analyses and feasibility studies

Groundwater flow and contaminant transport

- Source identification and transport evaluation
- MODFLOW and MT3D analysis for CSM development
- Tailored remediation system design

Municipal water supply impact evaluation

- Regulatory and administrative impact analysis
- Technical feasibility assessment for drinking water sourcing
- Point-of-entry treatment system design and performance analysis
- Cost-benefit analysis of water supply alternatives



What Our Customers Say

"Noblis recommendations ... incorporate[ed] lessons learned from experience with operating a similar system, preparing for contingencies to address potential operational problems, and addressing system optimization to improve operating efficiency."

"Noblis' engagement with independent technical document review ensure[d] the contractor and its subcontractors ... satisfy the project data quality objectives (DQOs) for designing a groundwater extraction and treatment system for PFAS plume remediation."

Contact Us

answers@noblis.org

noblis.org/contact

703.610.2000

