



Upland Hydrogeology Consulting



Capabilities Statement

Upland Hydrogeology Consulting was founded with a mission to provide the highest level of client services for environmental, water resources, and all groundwater-related projects. Sean Culkin, the founder of Upland, brings over 17 years of experience in environmental consulting to private and public sector clients.

Core Competencies

- **Groundwater Modeling**
 - Remedy design/optimization
 - Basin modeling and resource management
 - Expert/outside model review
- **Environmental Geology**
 - Site conceptual model development
 - Fate & transport analysis
 - Groundwater monitoring and reporting
- **Water Management**
 - Groundwater sustainability and aquifer recharge
 - Coastal resiliency and climate adaptation

Upland combines expert-level technical capabilities with a proven track record of effective communication and client satisfaction. Our founder has large-firm experience with complex, multi-stakeholder projects while providing small firm responsiveness. Upland has teamed successfully on Federal projects with a variety of consultant and contractor partners.

Experience

Hanford Site NRDA, Washington State – 2018 to Present

Since 2018, Sean Culkin has provided expert opinions in support of the DOJ and DOE for the Hanford NRDA case. He has assessed damages incurred from groundwater contamination and analyzed aquifer recharge viability at the Site.

Sharpe Army Depot Remediation, Lathrop, CA – 2019 to 2023

Between 2019 and 2023, Sean Culkin was the lead groundwater modeler for the USACE via a long-time relationship with Prime contractor Ahtna, an 8(a) firm. Provided fate & transport and cleanup time estimates to support remedy operations.

Riverbank Army Ammunition Plant, Riverbank, CA – 2019 to Present

Sean has supported USACE as a partner to Ahtna providing technical groundwater analysis and modeling for the site's active remedy. Oversaw creation of a site database and 3D conceptual site model. Project ongoing.

Company Snapshot

Established: 2024

CAGE: 08S77

UEI: KHF2XLU4LKG5

Serving California, the Continental U.S., and beyond!

NAICS Codes

Small Business:

541620 (Primary) – Environmental Consulting Services

541690 – Other Scientific and Technical Consulting Services

562910 – Remediation Services

Licenses & Certifications:

Professional Geologist: CA, DE, NC, NY

Certified Hydrogeologist: CA

QSP/QSD

California Department of General Services
Small Business (Micro): 2037499

Los Angeles County Metropolitan
Transportation Authority Small Business
Enterprise

Contact

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Key Clients



US Army Corps
of Engineers®

Ahtna