

The Nakupuna Companies deliver environmental services that help organizations plan, execute, and manage compliant solutions that provide lasting value to the environment and community. Our engineers and scientists bring decades of experience leveraging proven, trusted processes and innovative technologies to overcome environmental challenges while navigating complex regulations, reducing costs, and increasing efficiency. From environmental remediation to munitions response and construction, Nakupuna is ready to help any organization exceed its environmental goals.

SOLVING ENVIRONMENTAL CHALLENGES WITH PROVEN, PRACTICAL APPROACHES EXECUTED BY DEDICATED, EXPERIENCED PROFESSIONALS

ENVIRONMENTAL INVESTIGATION & REMEDIATION

- Site investigation, characterization & GIS surveys
- Contaminant sampling & remediation, including emerging contaminants (PFAS, 1,4-dioxane, etc.)
- Hazardous substance mitigation & Land Use Control (LUC) inspections
- Operation & Maintenance (O&M), Long-Term Monitoring (LTM), and remedial alternatives evaluation

- Site assessment and inspection (PA/SI) through Remedial Action (RA) and Long-Term Monitoring (LTM)
- Munitions sampling (MEC & MC), removal actions (TCRA & NTCRA), surface & subsurface clearance
- Unexploded Ordnance (UXO) construction support & avoidance
- Material identification and certification (MPPEH & MDAS) soil screening

MUNITIONS RESPONSE

- Regulatory compliance
- Environmental permitting
- Community outreach & marketing
- Technical education & training

ENVIRONMENTAL COMPLIANCE SERVICES

- Post-wildfire mitigation
- Stream & trail restoration
- Mine reclamation & repository construction

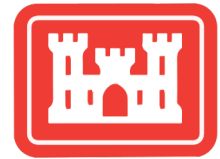
RESTORATION CONSTRUCTION



CASE STUDIES

Area-Wide Remedial Investigation, Feasibility Study, and LTM at F.E. Warren Atlas D Site 4

Nakupuna personnel have provided continuous end-to-end CERCLA support to the U.S. Army Corps of Engineers (USACE) Omaha District for over two decades, addressing the 11-mile TCE groundwater contamination plume near Cheyenne, Wyoming.



- Characterized site conditions through area-wide pre-design studies, with 130 nested monitoring wells, 7,000 feet of borehole geophysics, and 5,900 feet of hydrophysical logging.
- Surveyed subsurface features using 384 line-miles of aerial electromagnetic and 9 line-miles of seismic data.
- Developed the Final Remedial Investigation Report and supported the Feasibility Study, Proposed Plan, and Record of Decision.
- Implemented a Time-Critical Removal Action by installing, operating, and maintaining residential groundwater treatment systems.
- Supported in-situ/ex-situ pilot study, installing a carbon pump-treat-inject system.
- Conducted all 22 biannual Long-Term Monitoring (LTM) events since 2010.
- Engaged stakeholders through Restoration Advisory Board meetings.

Cal-Wood Fire and Infrastructure Protection Design-Build

In coordination with Boulder County Parks and Open Space and our design engineer, Nakupuna designed and constructed fire mitigation measures to rehabilitate areas affected by an over 10,000-acre wildfire in Boulder County, Colorado.



Parks & Open Space

- Installed a 70-foot single-span truss bridge for equine and pedestrian use using a 240-ton mobile crane.
- Designed and installed a 70-foot-long, 13-foot-wide live-bottom arch Aquatic Organism Passage culvert.
- Scheduled work around eagle hatching and constructed bat watering troughs to limit ecological site disturbance.
- Recognized with the 2022 APWA award for Parks and Trails for innovative design-build solutions before the onset of extreme weather periods.
- Constructed 140 in-stream stabilization features, such as J-hooks, beaver dam analogs, check dams, felled trees, and riprap, restoring channel stability and habitat.

Iowa Army Ammunition Plant (IAAAP) Remedial Action

Nakupuna is completing a Remedial Action for USACE Omaha District at multiple Munitions Response Sites at IAAAP under the Military Munitions Response Program, using both Advanced Geophysical Classification (AGC) and analog methods.



- Developed CERCLA documents including a Community Relations Plan, Revised Proposed Plan, Record of Decision Amendment, UFP-QAPP, and Explosive Safety Submission Amendment.
- Oversaw dynamic AGC surveys performed by a DAGCAP-accredited subcontractor using an UltraTEM classifier.
- Conducted intrusive investigations of Targets of Interest identified through AGC.
- Safely demolished and disposed of MEC, certified MDAS, and sampled soil post-detonation.
- Performed analog clearance of subsurface anomalies in areas inaccessible to AGC instruments.
- Completed Remedial Action Optimization Reports and MSRPP updates for each MRS.

National Environmental Policy Act (NEPA) Environmental Reviews

Nakupuna served as an extension of USDA Rural Development, assessing loan and grant applications for NEPA compliance. Our USDA NEPA team has completed over 900 NEPA reviews to reduce environmental and cultural impacts from infrastructure improvements in rural communities.



- Completed 878 Categorical Exclusions and 35 Environmental Assessments.
- Conducted 120 emergency actions aligned with federal agricultural and environmental priorities.
- Delivered training, outreach, and preparation of Findings of No Significant Impact to support environmental planning.
- Ensured compliance with federal environmental, cultural, and historic preservation regulations.
- Consulted with state, tribal, and Native Hawaiian groups on land use decisions.
- Engineered a compliance tracking dashboard to streamline review data management and reporting across multiple USDA agencies.



HONOLULU • ARLINGTON
MECHANICSBURG • DENVER
CHARLESTON • PATUXENT RIVER

www.nakupuna.com

