



EA Engineering,  
Science, and  
Technology, Inc., PBC

*IMPROVING THE QUALITY OF THE ENVIRONMENT  
IN WHICH WE LIVE, ONE PROJECT AT A TIME®*

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# Environmental Support Services for Construction

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OFFICES NATIONWIDE

**EA Engineering, Science, and Technology, Inc., PBC's (EA)** mission is to develop fully integrated, multidisciplinary solutions for our clients. EA was founded in 1973 to help power producers comply with Section 316(b) of the Clean Water Act; and, while our service offerings and client base have grown considerably over the years, we continue to remain focused on addressing environmental issues. Having completed thousands of projects and performed more than \$2 billion in services, EA is a leading provider of environmental, engineering, compliance, information technology, natural resources, and infrastructure management solutions for a highly diverse client base that includes the federal government, states and municipalities, utilities, private industry, Fortune 500 companies, trade associations, academic institutions, law firms, non-profit organizations, and others.

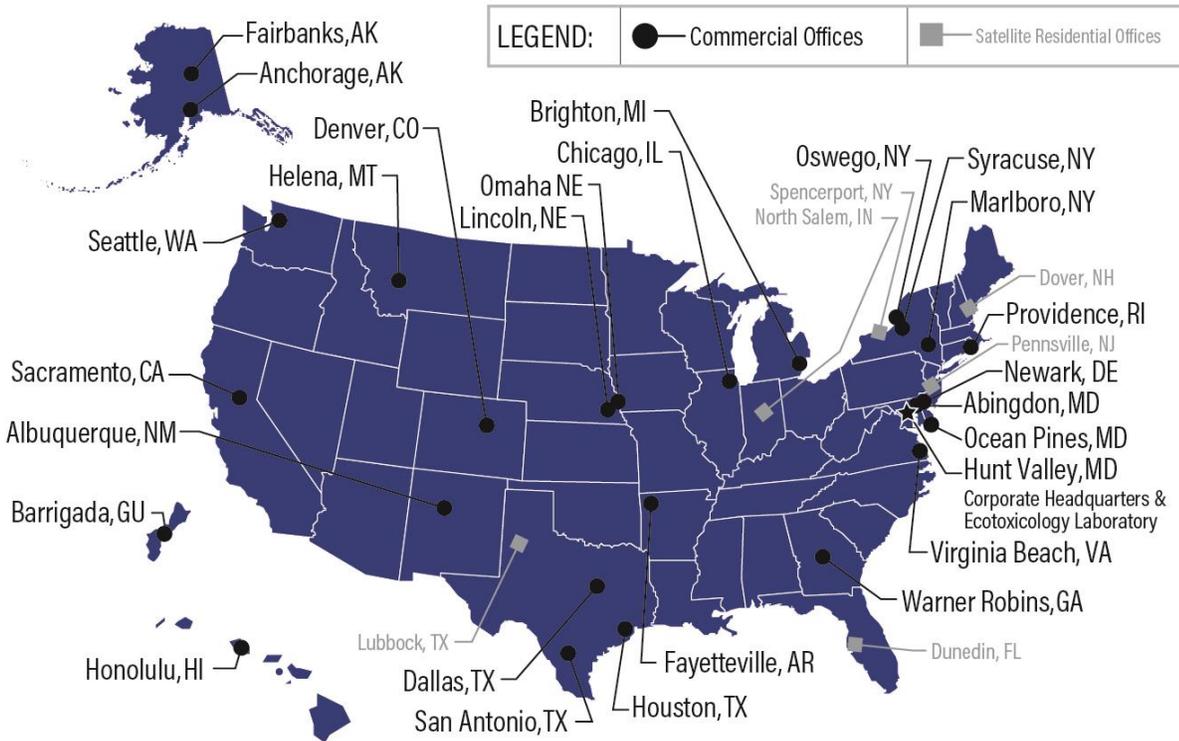
**Safety Always.** The safety of our employees, subcontracted partners, clients, and work environments continues to be our first priority. EA's safety statistics—including an Experience Modification Rate (EMR) that consistently remains below the industry benchmark of 1.0—and National Safety Council awards reflect our commitment to maintaining a safe work environment. EA is an active member of numerous third-party supplier management services that require continual improvement in health and safety program performance.



## Environmental Support Services for the Construction Industry:

- Environmental and Building Assessments
- Contaminated Media Management
- O&M and Dewatering Support and Permitting
- Well Point and Manifold Design
- Discharge Permitting and Planning Documents
- Construction Site Health & Safety Oversight
- Environmental Inspections including Erosion and Sediment Control
- Natural Resources Surveys and Wetland Delineations
- Stream Crossing Permitting and Monitoring

- Nearly 5 decades of experience providing environmental engineering and consulting services
- More than 600 employees and a network of 26 commercial offices across the United States and Guam
- An Engineering News-Record "Top 200 Environmental Firm" and "Top 500 Design Firm"
- Commitment to safety demonstrated by Occupational Excellence Achievement and Industry Leader awards from National Safety Council
- Established small business and diverse supplier reporting programs



EA is a 100% Employee Stock Ownership Plan (ESOP)-owned, financially stable, Public Benefit Corporation (PBC).

## Assessments, Planning and Permitting

Construction activities frequently encounter contaminated soil, water, or other contaminated media (e.g., building materials or underground and aboveground storage tanks). From pre-design through planning and permitting EA helps to ensure construction projects stay on schedule. EA has extensive experience completing Phase I and II Environmental Site Assessments (ESAs), HazMat Surveys, and planning documents including:

- Health and safety plans;
- Material management plans (soil, water, or other media); and
- Wetland/waterway crossing permitting and monitoring.

EA also can help by obtaining discharge permits for water generated as part of the construction process. The regulatory world can be a difficult place to navigate when trying to obtain these types of permits - and if improperly handled can present significant schedule risk to projects. EA can prepare and submit applications for discharge permits required as part of the project on our clients' behalf.



## Contaminated Media Sampling and Management

EA has over 40-years' experience with the collection of samples for characterization and classification purposes to determine the appropriate re-use/offsite disposal options. Sample collection methodologies range from 1-time single-use equipment such as plastic scoops to Geoprobe® direct-push technology and drill rigs. Samples are collected and analyzed for known or suspected contaminants of concern (COC) based on the history of the site.

After completing sample analysis and determining appropriate re-use/offsite disposal option, EA can handle contaminated media with little to no impact to construction schedule. From onsite treatment of contaminated water with the goal of onsite discharge after treatment, to transport and offsite disposal of contaminated soil, water, and other media at a licensed recycling/disposal facility EA field personnel are experienced in management of contaminated media.



*Every person in our firm is dedicated to the goal of providing superior client service and using our abilities, creativity, and commitment to anticipate our clients' needs. EA employees are active participants in professional organizations and routinely attend conferences, forums, and workshops in order to remain on the forefront of the latest developments in the industry.*



## Site Health & Safety Oversight/Confined Space

For project sites where there is a potential risk of exposure to contaminated media or conditions unsafe for human health, EA can provide monitoring of site conditions during construction activities. Monitoring provides real-time results for volatilized organics, respirable dust, and for potentially combustible environments. In support of construction services, EA may prepare confined space entry permits, provide personnel for confined space entry, monitor confined space atmospheric conditions, and/or provide oversight of confined space entry. EA also works with site workers to ensure health and safety procedures are followed, including proper use of personal protection equipment (PPE) and meeting Occupational Safety and Health Administration (OSHA) Confined Space requirements. All EA field personnel are OSHA trained and have experience in health and safety oversight and the use of monitoring equipment.

*EA's EMR has remained below the industry benchmark of 1.0 for a 14-year period. Further, EA maintains an annual Recordable Incident Rate well below the current industry average of 2.9 for our primary NAICS Code of 562910 (Environmental Remediation, Less Than 750 Employees) as reported by the Bureau of Labor Statistics.*

## Environmental Compliance Inspections

EA recognizes that inspections are an important tool for helping projects comply with applicable environmental regulations and permit requirements. Our environmental compliance inspectors will review construction activities for conformance with familiar with state and federal regulations. They also examine permits, licenses, and records for compliance with local ordinances and owner standards. We utilize advanced technologies (e.g., drones) and processes to conduct construction-based inspections and to generate inspection reports.



**sEAmless**  
a configurable compliance portal

## sEAmless Compliance Portal

sEAmless is a subscription-based cloud solution to efficiently manage and report environmental, health, safety, and sustainability (EHS&S) data. Users have the ability to manage and track assets, tasks, configure inspection checklists, schedule and perform inspections, and track findings to closure from a variety of mobile devices. By providing a simplified, easy to use portal, users can quickly start using the system with minimal implementation and training effort. Of the system's many benefits, sEAmless provides clients with an organized software solution that boosts transparency and awareness for their EHS&S programs to identify areas that need improvement and reduce risk.

## Wetland/Environmental Monitoring

To help ensure construction projects stay on schedule and meet regulatory requirements, EA works with project stakeholders to support pre- and post-construction monitoring and natural resources restoration. EA's scientists can help to mitigate site impacts through wetland delineation, stream restoration design, construction, and monitoring. Our experience coordinating with regulatory agencies can help to obtain required permits and authorizations. EA also offers documentation and site analysis services for post-construction conditions compared to pre-construction conditions.



*EA's Corporate H&S Program approved by leading 3rd-party contractor/supplier management networks.*