



## ABOUT ESA

ESA provides professional environmental and regulatory solutions to a diverse clientele including the oil and gas, timber, railcar, metal casting and forging, coatings, plating, chemical, wood creating and wood products industries along with municipalities, financial institutions, realtors and petroleum marketers.

ESA will strive to provide our clients with a quality work product in an ethical and cost-effective manner.



- Professional Engineering and Geoscience Services
- Representation, Regulatory Liaison and Public Relations
- Expert Witness and Litigation Support
- Railroad Commission Reporting and Permitting
- Oil & Gas Facility / Lease Audits and Compliance Management
- Pipeline Safety and Permitting
- SPCC, Stormwater, and Spill Contingency Plans
- Wetland Determination and Ecological Assessment
- Wetland Permitting
- Air Emissions and Permitting
- Environmental Due Diligence
- Soil and Groundwater Remediation
- Risk Management Plans (RMP)
- Underground Storage Tanks
- Process Safety Management (PSM of Highly Hazardous Chemicals)
- Health and Safety Training
- Spill Response

**24-Hour Emergency Spill Response Hotline**

**888-837-0404**



**ESA Consulting, LLC**

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**ENVIRONMENTAL SOLUTIONS  
FOR THE OIL AND GAS INDUSTRY**



ESA Consulting, LLC



# SERVICES

## Professional Engineering and Geoscience Services

ESA offers Professional Engineering services including pressure front calculations. We have Professional Geoscientists on staff to design and implement Phase I environmental Site Assessments and subsurface investigations of soils, rocks, minerals, fossil fuels and groundwater.

## Representation, Regulatory Liaison and Public Relations

Our highly experienced staff represents clients before regulatory agencies, boards, panels and courts to facilitate cost-effective solutions to compliance issues. We can also provide information services to help avoid confrontations with the public.

## Expert Witness and Litigation Support

ESA has personnel with extensive industry, regulatory and consulting experience in a wide variety of disciplines to provide expert witness and litigation support. ESA can assist with disputes arising from regulatory compliance, agency policy, and environmental contamination, or with preparation for oil and gas or other regulatory proceedings.

## Railroad Commission Reporting and Permitting

The Railroad Commission of Texas requires operators to submit permit applications, completion, inclination, casing, production, and plugging reports, along with documentation of spills, cleanups, blow outs and other accidents. ESA can prepare and file any or all of the required permits, reports and notifications on behalf of our clients.



## Oil & Gas Facility/Lease Audits and Compliance Management

Facility Inspections and Regulatory Compliance Audits help our clients identify and correct areas of non-compliance with OSHA, EPA and Railroad Commission regulations at regulated facilities in a timely manner. ESA offers on-site or remote environmental compliance services, including NORM screening and landfarming.

## Pipeline Safety and Permitting

ESA assists producers, gatherers, and distributors of natural gas and petroleum products to maintain compliance with environmental and safety regulations. ESA can prepare Safety Manuals and Integrity Management Plans and prepare permit applications for modifications to existing pipelines or for new pipelines.

## SPCC, Stormwater, and Spill Contingency Plans

Federal air and water protection legislation includes a wide variety of compliance requirements. ESA helps clients comply with these regulations through the development of best management practices and the preparation of mandatory plans and compliance documentation. ESA specializes in retainer-based compliance services for all or part of a client's property portfolio.

## Wetland Determination and Ecological Assessment

Section 404 of the Clean Water Act prohibits unpermitted filling of "jurisdictional waters of the United States," but a permit can take more than a year to process. ESA helps clients avoid the need for wetland permits by pre-inspecting proposed drill pad locations, pipeline corridors, or construction projects to identify areas that are not jurisdictional and will not require a permit.

## Wetland Permitting

If a permit is required, ESA will prepare and submit the delineation report and mitigation plan, along with a permit application, to the U.S. Army Corps of Engineers. ESA will act as a liaison between the client and regulatory officials to obtain permits in an expeditious manner.

## Air Emissions and Permitting

Our strategic approach to air permitting allows clients to avoid unnecessary permitting activity, expedite the application and submittal approval process, avoid construction delays, maximize operating flexibility and streamline the required recordkeeping and reporting procedures. ESA can communicate and negotiate with local and federal regulators to ensure complete compliance for the client.

## Environmental Due Diligence

ESA provides a full range of environmental site assessment services designed to reduce the risk associated with the acquisition or use of real property and to satisfy EPA requirements for "All Appropriate Inquiry." Although our basic services follow ASTM standards, ESA will tailor the assessment process to meet client-specific requirements or to meet other published standards.

## Soil and Groundwater Remediation

When soil or groundwater cleanup is required, ESA will assess site conditions and client objectives to determine the most suitable remedial alternatives. We will work as a liaison between the client and the regulatory agency to insure compliance with agency-specific policies and regulations. ESA can design and install soil and groundwater remediation systems for in-situ treatment of volatile organic compounds and petroleum hydrocarbons, or direct removal and disposal of contaminated soil.

## Risk Management Plans (RMP)

ESA can provide services to ensure compliance with all current requirements. ESA's approach includes a thorough review of EPA's most recent regulatory requirements, assessment of your existing RMP to identify compliance deficiencies, organization of the technical information to ease future updating, and provides a quality current document to meet EPA approval.

## Underground Storage Tanks

ESA assists in the removal activities of petroleum storage tanks and investigation of hydrocarbon impacts to soil and groundwater. We communicate with tank owners, installers, and regulatory agencies to provide notification and reporting in accordance with the Texas Risk Reduction Program (TRRP). ESA works closely with licensed tank installers as the Registered Corrective Action Specialist and Corrective Action Project Manager with the State of Texas. We have professional geologists (PG) qualified to handle these PST activities as required by the TCEQ. As long as state reimbursement programs are active, ESA can also file reimbursement applications to assist clients in recovery of all qualifying costs.

## Process Safety Management (PSM) of Highly Hazardous Chemicals

ESA can determine applicability, build a plan of action, training manuals and procedures, conduct necessary audits and inspections, periodically update systems and information to ensure the client has all current data available and ready for OSHA inspection.

## Health and Safety Training

ESA offers health and safety training for OSHA and DOT compliance and behavior based safety. We will work with clients to provide special training to employees or contractors or perform safety audits on client work areas. ESA can provide comprehensive health and safety services including record maintenance and project or client-specific training.

## Spill Response

Paperwork, reporting deadlines, and compliance documentation are confusing and time consuming, and spills don't wait for an opening in your schedule. Our 24-hour Spill Response Hotline 888-837-0404 allows us to respond to releases when they occur. We have extensive experience, allowing us to help you limit the financial impact and the inconvenience associated with a spill.

