

# OIL SPILL SERVICES

The Providence team consists of uniquely qualified and experienced professionals in environmental sciences, engineering, program management, construction & database management, safety, staffing, and field inspection services. The combined experience of our team reflects the experience of organizational leadership and specific scientific disciplines well suited to provide an exceptional level of capability in professional services to support on-going activities in the Gulf of Mexico and the related coastal resources.

We know coastal Louisiana extremely well and can offer unique insight that can only be obtained through years of direct hands-on experience and immersion in this environment. We have worked on a significant number of projects in coastal Louisiana using team members who are intimately familiar with the environment and who value it as part of Louisiana's unique heritage.

Below provides a summary of our capabilities as it relates to the oil spill in the Gulf of Mexico. Our full capabilities are more fully described on our website at [www.providenceeng.com](http://www.providenceeng.com).

## ENVIRONMENTAL SERVICES:

- Injury assessment – surveying and mapping services to assess the extent of impacts to marsh vegetation. Preparation of GIS-based maps showing habitat type and extent of impacts.
- Long-term, post-incident vegetation monitoring using standard quadrat and line intercept sampling methodology - measured parameters include vegetation diversity, dominance, percent cover, and species diversity/composition.
- Identification of wading and shore bird species and habitats, e.g. piping plover and brown pelican.
- Coordination and liaison assistance with coastal resource and regulatory agencies including LDNR's Coastal Management Division, the New Orleans District of the US Army Corps of Engineers, the Louisiana Department of Wildlife and Fisheries, and the US Fish and Wildlife Service.

## ENVIRONMENTAL SERVICES:

- Baseline and post-incident data collection/data interpretation for air and water quality
- Natural Resource Damage Assessments
- Air quality permitting, compliance, and monitoring
- Waste management including permitting, compliance and regulatory liaison
- Human and ecological Risk Assessment
- Toxicity testing
- Multi-Media Environmental sampling and monitoring, including soil, groundwater, air, sediments and porewater, surface water, and biota

## ENGINEERING:

- Coastal engineering
- Disaster planning and management
- Project management
- Construction management

## STAFFING/SUPPORT SERVICES:

- Environmental Inspectors / Damage Assessment Specialists
- Management Specialists / Natural Resource Specialists
- Contractor Oversight Monitoring
- Debris monitoring
- Record keeping and reporting
- QA/QC personnel, trainers
- Safety training
- Public and environmental affairs
  - Public Outreach
  - Public meeting facilitation
  - Media relations
  - Issues management
  - Governmental affairs



PROVIDENCE

Offices located throughout Louisiana, Texas and Mississippi

For further information please contact us at (225) 766-7400 or [spill@providenceeng.com](mailto:spill@providenceeng.com)

[www.providenceeng.com](http://www.providenceeng.com)  
Providence Engineering and Environmental Group LLC