

# ECOLOGICAL SERVICES

Environmental

Providence's team of biologists, environmental scientists, and engineers utilizes the principles and theories of ecology, zoology, biology, toxicology, agronomy, geology, and engineering to address our clients' natural resource management concerns. Our team has over 70 years of experience in the ecological sciences. Providence's ecological services staff provides timely, accurate, and scientifically sound assessments, characterizations, and reports in all aspects of ecological sciences.

## OUR ECOLOGICAL SERVICES INCLUDE:

- Assistance with wastewater discharges into natural wetland systems
  - Feasibility studies
  - Use Attainability Analysis (UAA)
  - Long-term compliance monitoring
- Ecosystem monitoring
- Biological surveys and inventories
- EPA 1600 Series Clean Technique procedures for trace metal monitoring
- Environmental assessment statements per L.R.S.30:2018
- Ecological Risk Assessments
- NEPA EA and EIS
- CWA 316 (b) compliance demonstrations
- Threatened and endangered species evaluations
- Section 10/404 permit applications

## CONT'D

- Section 401 Water Quality Certification applications
- Coastal Use Permit (CUP) applications
- Wetland delineations, permitting, and mitigation
- Wildlife habitat management plans
- Sediment contamination assessments
- Natural Resource Damage Assessment (NRDA)
- Geographic Information Systems (GIS) & data management
- Associated permitting (USACE, LDNR, LDEQ, Coast Guard, State Lands, Texas General Land Office, etc.)

## PROVIDENCE PROVIDES EXPERTISE IN:

- Pipeline/transmission companies
- Petroleum refining
- Department of Transportation
- Electric power
- Oil and gas exploration and production
- Organic chemical manufacturing
- Paper & forest products
- Parish & municipal government
- Tribal governments



PROVIDENCE

Offices located throughout Louisiana, Texas and Mississippi

[www.providenceeng.com](http://www.providenceeng.com)

Providence Engineering and Environmental Group LLC