



# MATRIX **NEW**WORLD

Engineering Progress

## OYSTER SURVEYS

### **Matrix's world is your oyster.**

Matrix's Oyster Resource Team offers solutions to unique environmental and ecological compliance requirements in aquatic and marine environments along the estuarine gulf coast of Texas, Louisiana, Mississippi, Alabama and Florida. We deliver an all-inclusive service with regards to Louisiana Coastal Use Permit requirements for oyster resource assessments.

Our team includes biologists that have permitted, managed, and performed over 500 Louisiana Department of Natural Resources (LDNR)/ Louisiana Department of Wildlife and Fisheries (LDWF) required oyster resource assessments including privately leased oyster bottoms and state seed grounds (including the collection of data in support of potential litigation as well as permitting requirements).

Matrix's capabilities provide our clients with pre- and post-construction oyster resource assessments and litigation support throughout the coastal counties and parishes of Texas and Louisiana for oil and gas operations, pipeline installations and maintenance. As a service to our oil and gas clients, Matrix can also provide on-rig, tug, and work vessel consulting during large equipment moves in sensitive areas of oyster leases and reefs.

### **Services provided**

- Oyster Resource Surveys
- LDNR Coastal Use Permitting
- Water Bottom Assessments
- Oyster Lease Damage/Litigation
- Benthic Macroinvertebrate Studies
- Sediment Sampling & Analysis
- Water Quality Sampling
- Third Party Tracking of Equipment Routes across Oyster Leases
- Pre-project Water Bottom Displacement Consulting
- Post-project Analysis of Potential Damages and Litigation
- Damage Settlement Analysis with Oyster Leaseholders
- Oyster Leaseholder Settlements
- Access Route Planning
- Underwater Debris Surveys
- Site Clearance Surveys

### **Contact**

#### **Matrix New World Engineering**

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Certified WBE/DBE

