

## NATURAL RESOURCE DAMAGE ASSESSMENT (NRDA)

RPI offers highly experienced staff in the following areas:

- Emergency Response and Ephemeral Data Collection
- Preassessment Phase Activities
- Case Management
- Design and Implementation of Field and Lab Studies for Injury Quantification
- Restoration Scaling
- Preparation of Damage Assessment and Restoration Plans
- Expert Testimony

We offer training courses and manuals in NRDA methods for field data collection and injury assessment.

In addition, we have prepared the following Protocols on Design and Methods for NRDA Ephemeral Data Collection During the Emergency Phase of a Spill:

- Source Oil(s) Sampling
- Water Sampling
- Intertidal Sediment Sampling
- Subtidal Sediment Sampling
- Collection of Shellfish Tissues
- Biota/Tarball Stranding Documentation
- Salt Marsh Reconnaissance
- Intertidal Infauna Sampling
- Stranded Oil Quantification on Beaches
- Sunken Oil Pathways
- Bird Injury Quantification



### Pryor Well Blowout, Spill, and Fire, July 2002

Obed Wild and Scenic River, TN

Clients: National Park Service, U.S. Fish and

Wildlife Service, State of Tennessee

RPI is assisting the Trustees in Preassessment Phase activities and preparation of the Notice of Intent to Pursue Natural Resource Damage Assessment. Impacted resources and services include fish communities, benthic macroinvertebrates, terrestrial vegetation and soils, water quality, and public use.



### M/V Westchester, November 2000

500,000 gallons of Nigerian crude oil in the Mississippi River at River Mile 38

Clients: NOAA, U.S. Fish and Wildlife, State of Louisiana

RPI prepared the Preassessment Phase Data Report. Based on this report, a final restoration strategy was agreed upon.

### PEPCO/Chalk Point Pipeline, April 2000

126,000 gallons of a mixture of No. 6 and No. 2 fuel oils into the Patuxent River, MD

Clients: NOAA, U.S. Fish and Wildlife, State of Maryland

RPI designed, implemented and prepared final reports on studies to scale injury to:

- Wetlands
- Birds
- Aquatic Resources (Fish and Shellfish)
- Benthic Resources
- Terrapins

### Colonial Pipeline–Reedy River, July 1996

1,000,000 gallons diesel into the Reedy River, South Carolina

Client: State of South Carolina