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National Coastal Condition Assessment 2010

Jenny Wrast
Environmental Institute of Houston
# National Aquatic Resource Surveys Schedule

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11 sites in:

- Sabine Lake
- Galveston Bay
- Trinity Bay
- West Bay
- East Bay
- Christmas Bay
26 sites in:

- East Matagorda Bay
- Tres Palacios Bay
- Lavaca Bay
- Matagorda Bay
- Carancahua Bay
- Espiritu Santu Bay
- San Antonio Bay
- Ayres Bay
- Mesquite Bay
- Copano Bay
- Aransas Bay
16 sites in:
- Corpus Christi Bay
- Nueces Bay
- Upper Laguna Madre
- Baffin Bay
- East Bay
- Alazan Bay
- Lower Laguna Madre
Locating the “X” Site

Tracking Forms

Finding Boat Launches
Recreational Indicator

Pathogen Indicator

Enterococcus
Stressor Indicators—Sediment

- Sediment boat and equipment cleaned after every site.

Sediment Chemistry and Composition

- Grain Size
- TOC
- Metals
- PCBs
- Organics
Ecological Integrity Indicators

Benthic Macroinvertebrates
Ecological Integrity Indicators

Sediment Toxicity

Minimum of 3-Liters of sediment required at each site.
Ecological Integrity Indicators

Croaker
Spot
Catfish
Sand Trout
Pinfish

Whole Fish Contaminants
• Metals
• PCBs
• Organics
In the Trawl ...
Weather Issues

Hurricanes Hermine & Igor

Wind & Rain

Copano Bay

Upper Laguna Madre
Staying Ahead of the Storm?

San Antonio Bay—August

Trinity Bay—July

Copano Bay—September
Constant Companions
Core NCCCA Field Team

Kristen

Jenny

Lynne

Misty

UHCL-EIH

TCEQ
Ad Hoc Field Crew

Art Crowe
Robin Cypher
Anne Rogers
Michele Blair
Other UHCL-EIH Staff
Dr. George Guillen
### National Wetlands Condition Assessment — 2011

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**Coming Soon**