



Gulf Spill Site Visit Report May 24 – 26th, 2010

On May 24th through May 26th 2010 we made a site visit to Louisiana to visit the two areas that were hardest hit (at that time). The two areas that we visited were the areas around Grand Isle (Jefferson Parish) and Venice (Plaquemines Parish), Louisiana. The oil had just started entering the beaches, marshlands, and waterways.

We hired a boat captain to take us into the open water as well as into the marshlands and bays.

The intent of our trip was to evaluate the situation first-hand and to take samples. We wanted to ensure that the surfactants or dispersants that have been added to the spilled crude oil were not going to be toxic to our microbes. Samples were taken in the following areas; marshland, beach, open water and inlet waterway.

The samples of the liquid oil and sludge material were used in bio-compatibility tests along with our products. We had two outside 3rd party laboratories conduct different tests on these samples.

We tested the sludge blobs that are washing up on the beaches of Grande Isle, Louisiana. In one test we treated the sludge in small wave pools with artificial sandy beaches and added brine shrimp.

To see the photos that we took during this visit - <http://www.obio.com/gulfphotos.html>

Testing

We sent off samples to two independent labs for testing.

Conclusion

To date all tests have yielded excellent and positive results. As expected, the tests showed that the liquid oil was consumed by the microbes at a much faster rate than the oil sludge blobs. Oil sludge is always harder to treat because it takes the microbes longer to eat, from the outside into the middle. We were still able to treat the sludge material with excellent results.

The bottom line is that the tests show that our microbes WILL work to degrade the oil from the recent Gulf Coast Spill.