



ECS

2010

The City of Gulf Breeze Deep Water Horizon Oil Spill Response Plan



Prepared for the City of Gulf Breeze
By Ecological Consulting Services Inc.

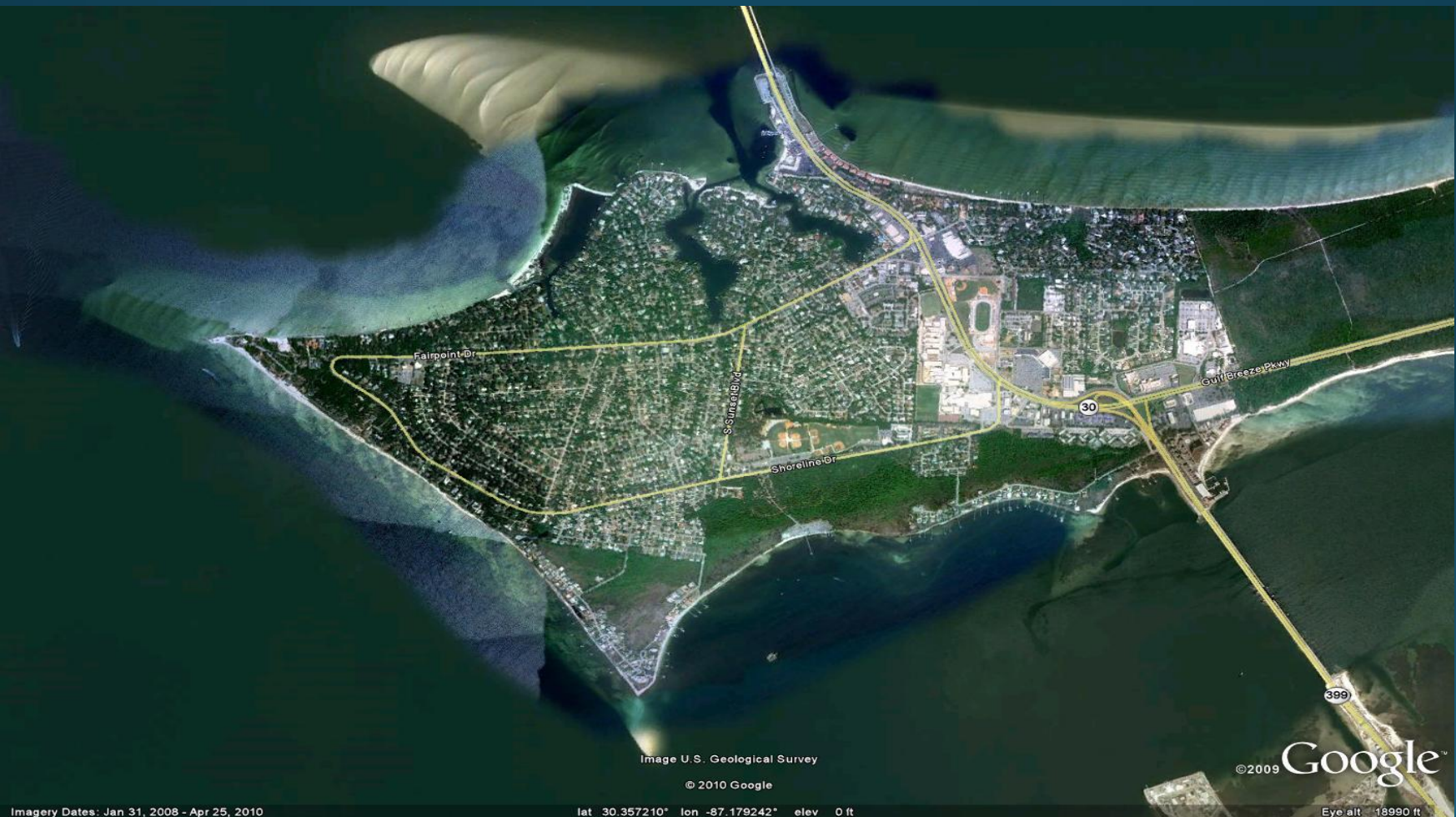
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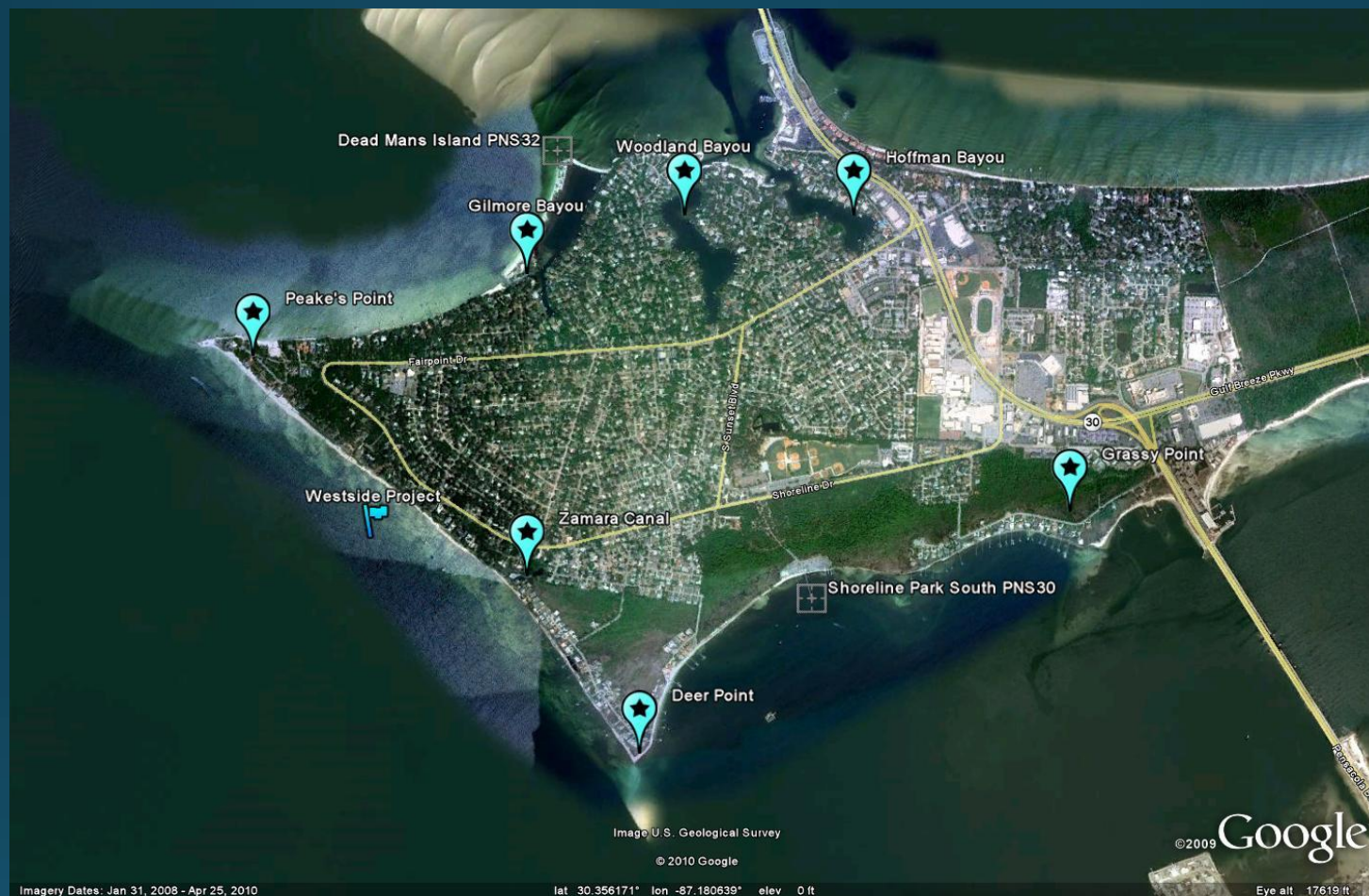
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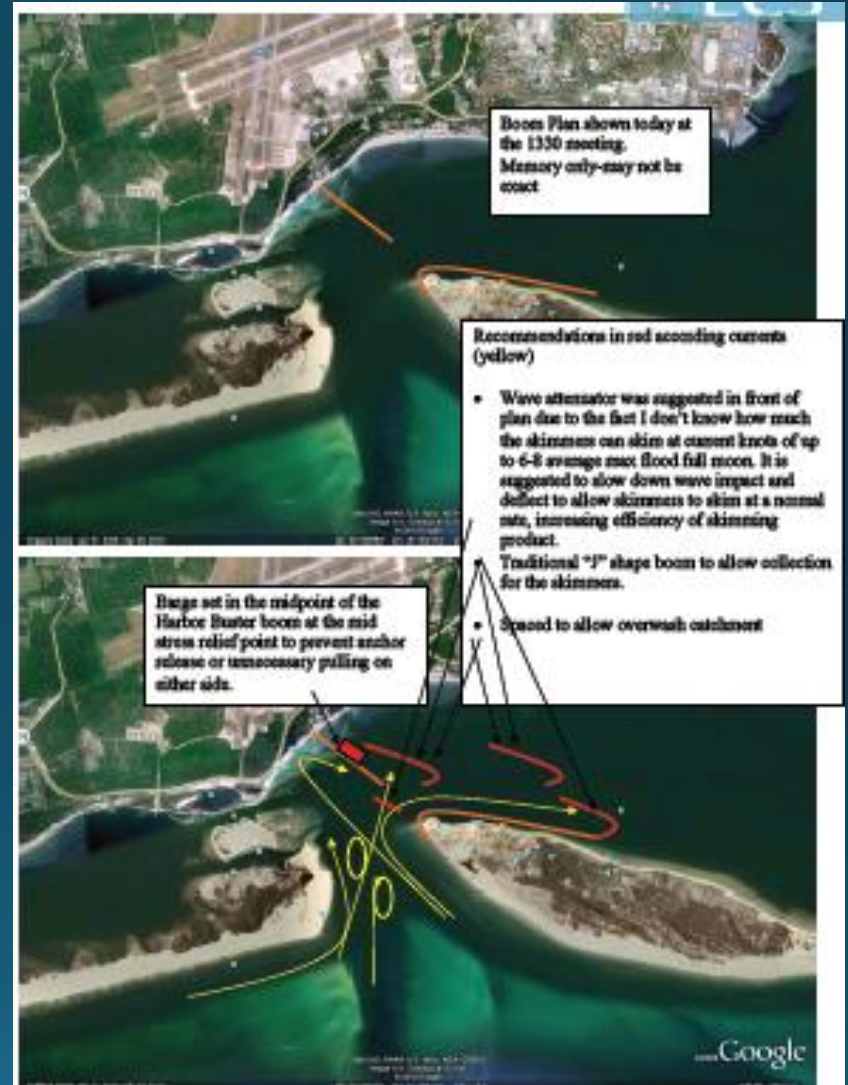


Gulf Breeze

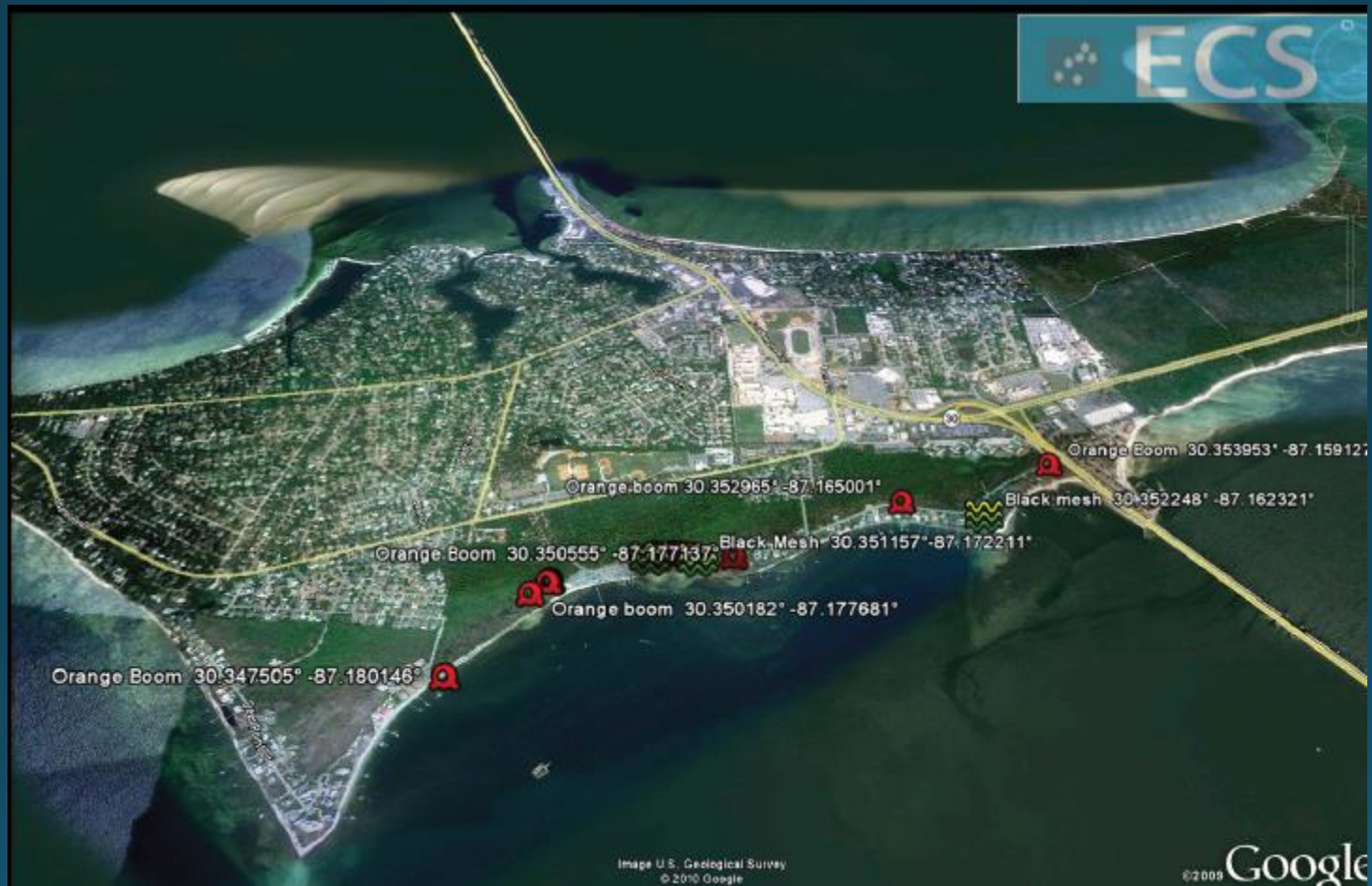


Pre- assessment monitoring





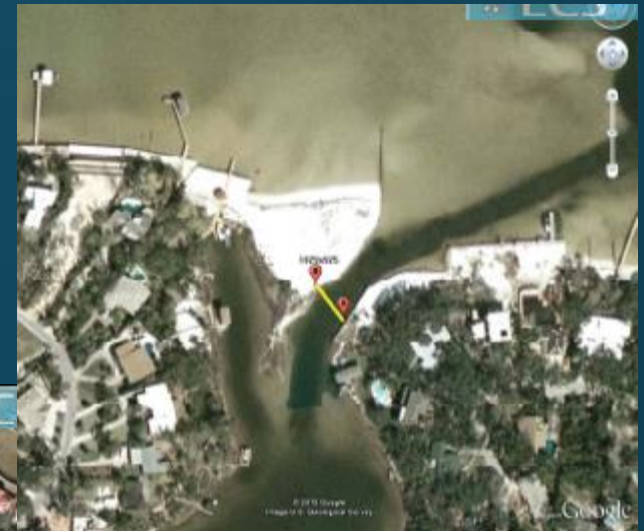






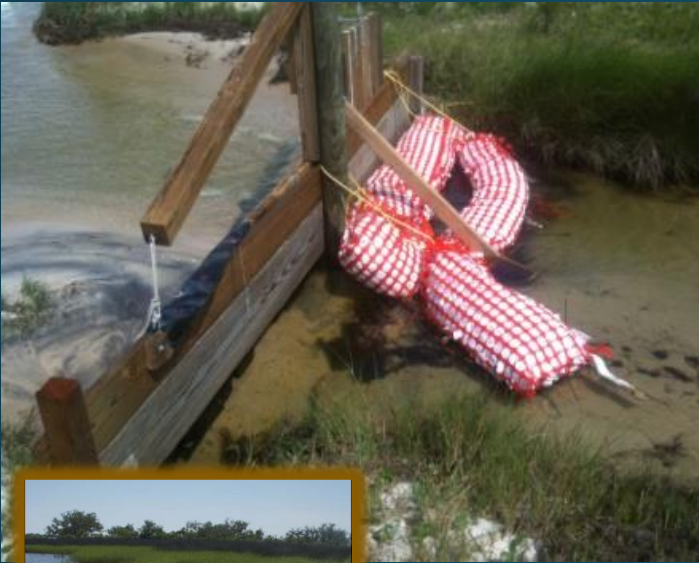
Absorbent boom request for environmental sensitive areas subjected to boat traffic as oil product impact - onshore anchoring only is suggested





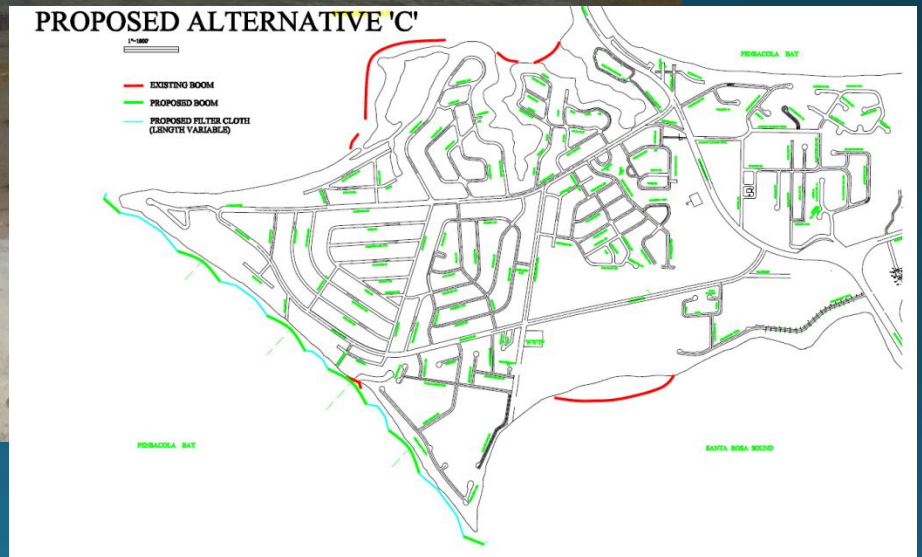
Booming of the mouth of the main bayous

Protection of Environmental Sensitive Areas





West Side Project











2010 Oil Sightings





*MidWay Fire
Department
demonstrating how to
assemble a mobile
decontamination station
during HAZWOPER
training for the oil spill
response team*



The decontamination staging area for turbidity curtain disposal

Oil Spill and Response Pictures
Gulf Breeze, FL.



6/13/2010



6/13/2010



6/13/2010



6/14/2010 - Peaches Point Oil

Oil Spill and Response Pictures
Gulf Breeze, FL.



8/16/2010



8/28/2010



8/29/2010



8/29/2010 -- Oil at the Pass (501)

Oil Spill and Response Pictures
Gulf Breeze, FL.



6/10/2010 - Grassy Point Oil



6/16/2010



6/13/2010 - Woodlands Bayou Oil Dock



6/13/2010 - Woodland Bayou Oil

Oil Spill and Response Pictures
Gulf Breeze, FL.



6/5/2010 - First day Oil



6/5/2010 - First day Oil



8/10/2010 - Grassy Point



6/10/2010 - Grassy Point

Oil Spill and Response Pictures
Gulf Breeze, FL



7/22/2010



7/22/2010



8/5/2010



8/22/2010



Oil Spill and Response Pictures
Gulf Breeze, FL.



6/14/2010 - Peaches Point Oil



6/14/2010



6/16/2010- Deployment of community created boom



6/16/2010

Community Volunteerism



Testing the absorbent materials and methods



It was found during the first breaching of oil through the Pensacola Pass. The oil product adheres to plastic materials verses the oil absorbent samples of material. This observation launched a new method of clean-up design and materials.



Nature's Absorbent



Biological Impacts and Discoveries

Cause of death of dolphin at Fort Pickens still pending

Cause of dolphin death is still unclear, even though the oil spill is suspected. Gulf Breeze continues its aggressive measures to protect its shores, while Santa Rosa County prepares for its big fall festival.



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Dolphin death

1 Necropsy test results are still not back on the young spinner dolphin that beached itself on Langdon Beach in Gulf Islands National Seashore's Fort Pickens area on June 24, said Kim Amendola at the National Oceanic Atmospheric Administration.

"It could take weeks or months to get the results back," Amendola said.

The agency is responsible for tracking the animals that have been killed or harmed by the Deepwater Horizon oil spill between the area of the Texas-Louisiana border and Apalachicola.

The spinner dolphin is the only one to beach itself on Santa Rosa Island, so far, said Erin Fongeres, NOAA's marine mammal biologist.

"Spinner dolphins live in deep, deep water ... offshore," she said. "But it's not an uncommon stranding."

In fact, NOAA has been tracking an unusual spike in dolphin strandings that began before the oil spill, she said.

"The average strandings for April is 13, and we had 39," she said. "The average for March is 15, and we had 62. That trend has been continuing to be well above the average, and we don't know if that's due to the oil spill. We are investigating why."

As of April 30, 10 days after the explosion on the Deepwater Horizon drilling platform, to July 15, there have been 64 marine mammals have been verified stranded. Of those, 58 were dead and five were alive.

"We are calling one of them a live stranded animal because it stranded behind a boom in Perdido Bay, and released," she said.

Still vigilant

2 The City of Gulf Breeze remains ever vigilant in its efforts to keep BP oil off its shores and out of its waterways, even though the city's cleanup efforts are more confident today in BP's cleanup efforts. Eddy attended a briefing in Escambia County on Friday to get the latest updates.

"I wanted to hear about what they're doing in Pensacola Bay," Eddy said. "They're a lot more proactive now than a few weeks ago."

Eddy said he was pleased to discover that "vessels of opportunity are actively

seeking oil and recon is actively looking for oil, as opposed to the impression I had weeks ago that they were waiting to react."

Despite the refined efforts, Eddy says the city's coast watchers and oil spill response team are staying vigilant.

"We're going to keep doing what we're doing, even if it seems duplicative," he said.

Gulf Breeze has not had any recent impacts of oil, except some foamy material with oily substance off Deadman's Island on Friday. BP cleanup crews responded immediately to clean it up, Eddy said.

Fall festival

3 Fall, believe it or not, is just around the corner. And organizers of the month-long Beaches to Woodlands Tour of Santa Rosa County are accepting applications for participants.

Organization, groups or businesses wishing to participate in the October event will find application forms online at www.thebeachestowoodlandstour.com.

The Tour, in its seventh year, is sponsored by the Santa Rosa County Tourist Development Council to showcase the diversity of Santa Rosa County's art, culture, history, festivals and athletic events.

"October is a great month when temperatures cool down and people are ready to get outside and explore the world around them," said tour coordinator Karen Harrell. "Most of the events are free or charge a nominal fee."

Past tour events have included: Jay Peanut Festival and the Sweet Season Family Farm Corn Maze in northern Santa Rosa County; and Coastal Encounters and the march of the monarchs at the Butterfly Festival in Navarre Beach.

Applications will be accepted through July 29. A full schedule of events will be released Aug. 1, and will be available online and through the Beaches to Woodlands page on Facebook. For details, contact Karen Harrell at btw@floridabeachestorivers.com or 850-291-1266.



10CONNECTS
NEWS

Oil still washing up on Panhandle beaches

Christopher Collette 4 days ago

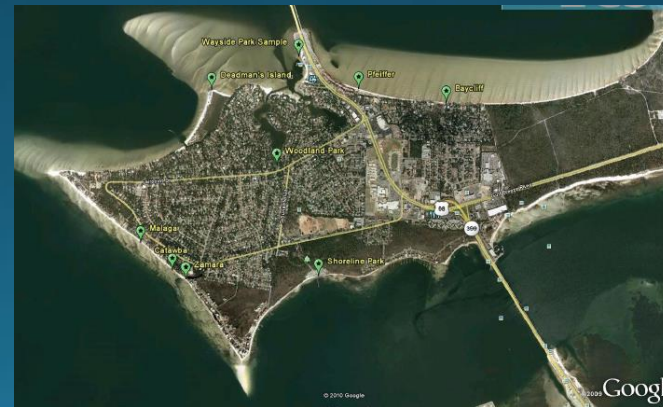
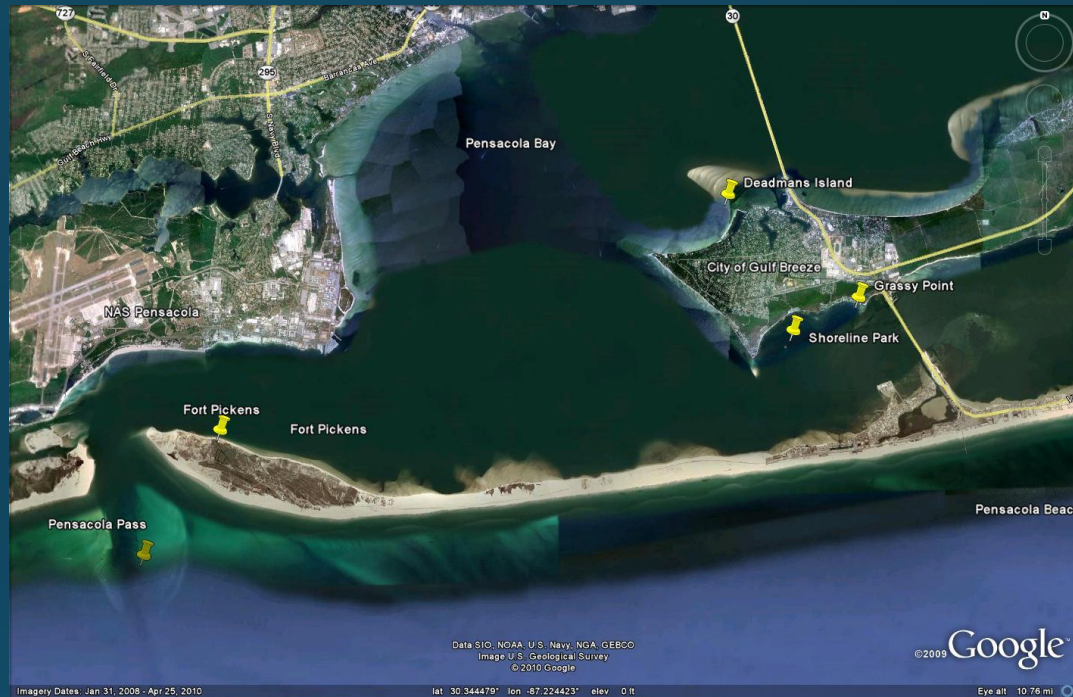
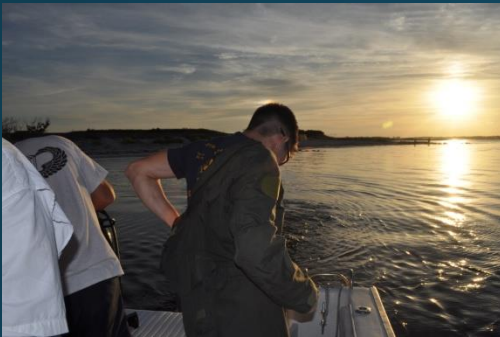


Heather Reed, a marine biologist and environmental advisor for Gulf Breeze, leads a team of volunteer Navy divers and Gulf Breeze Coastwatchers in a search for submerged oil in the Gulf.



Lubchenco said 52 days after the oil well was capped, "extreme" monitoring of offshore subsurface oil - which could measure a little less than four Alaskan Valdez oil spills - is underway by the public and private sector, including universities in Louisiana and Florida and Woods Hole

Recon Dive Sites



NW-DIST-2010-10-08-01

Florida Department of Environmental Protection
Innovation Park Laboratory
2051 E. Paul Dirac Dr.
Tallahassee, FL 32310
DOH Accreditation E31640

Field ID: PROXIMITY

Sample ID	Ref. Methd
1303465	EPA 8260C

Methylene chloride	0.50	U	ug/L
1,1,2,2-Tetrachloroethane	0.50	U	ug/L
Tetrachloroethene	0.50	U	ug/L
Toluene	0.50	U	ug/L
1,1,1-Trichloroethane	0.20	U	ug/L
1,1,2-Trichloroethane	0.20	U	ug/L
Trichloroethene	1.0	U	ug/L
Trichlorofluoromethane	0.50	U	ug/L
Vinyl chloride	0.50	U	ug/L
Methyl-t-butyl ether	0.50	U	ug/L
o-Xylene	0.20	U	ug/L
m,p-Xylene	0.50	U	ug/L

Ref. Method and Comment:
EPA 8260C: Insufficient sample to perform second matrix spike. QC failure(s) observed

Sample Location: SPOIL ISLAND SIDE OFF FT McRAE

Collection Date/Time: 10/07/2010 12:00 PM

Analytical Method: FL-PRO Preparation Method: EPA :

Field ID: PROXIMITY REP-1

Matrix: SEDIMENT

Sample ID	Ref. Method	Component
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Ref. Method and Comment:

~~APA 8270D: Detection limits have been elevated due to matrix interferences. A hydrocarbon pattern consistent to that of the Deepwater Horizon oil was observed in the sample.~~

FL-PRO: A hydrocarbon pattern consistent to that of the Deepwater Horizon oil was observed in the sample.

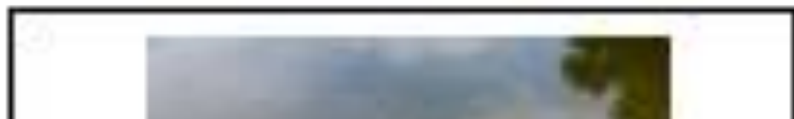
~~Sample Location: SPOIL ISLAND SIDE OFF FT McRAE~~

Collection Date/Time: 10/07/2010 11:50 AM

Oil Spill and Response Pictures
Gulf Breeze, FL



8/16/2010





ECS

Questions?



ECS

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