

September 21, 2010

Mrs. Kit Alexander
The City of Orange Beach, Alabama
Department of Engineering and Environmental Services
Department of Engineering and Environmental Services Manager
Post Office Box 458
Orange Beach, Alabama 36561
kalexander@cityoforangebeach.com

RE: Interim Summary Report of Sampling Results for June to September 2010

Dear Mrs. Alexander,

Cameron Consulting, LLC (Camcon) and Krebs Architecture & Engineering (Krebs) has provided this Interim Summary Report of Sampling Results for June to August 2010 at your request and on behalf of the City of Orange Beach (COB). Per the Quality Assurance Sampling Plan For Periodic Monitoring and Post Impact Field Study (QASP) document defining the procedures and methods utilized for the COB, select locations and media (soil/water/solid) have been sampled based on the predetermined periodic monitoring locations and visible observation of potential impact or "As Needed" basis. Between the dates of June 24, 2010 to September 3, 2010 various media within the back bays and Orange Beach areas were collected for laboratory analysis. The following bullet points summarize the sample results as reported by Environmental Science Corporation, Inc. (ESC), and Pace Analytical (PACE). Additional results are pending completion by PACE and will be reported to you verbally or electronically upon receipt.

A total of 25 different locations were selected for periodic and/or "As Needed" areas throughout the City of Orange Beach. The following bullet points summarize laboratory reported detections for the media and locations sampled. The attached figures provide sample location identifications.

June Results:

Water Samples - analyzed for Total Petroleum Hydrocarbons (TPH) only

- Site 02 Cotton Bayou Beach Access - No EPA screening levels established for TPH

Soil/Solid Samples

- Site 02 Cotton Bayou Beach Access - No EPA screening levels established for TPH
- Site 06 Perdido Pass - No EPA screening levels established for TPH

July Results:

Water Samples

- Site 02 Cotton Bayou Beach Access
 - Above EPA screening level for Naphthalene
- Site 10 Walker Avenue Access
 - Various Analyte detections reported, all below EPA screening levels
- COBSSX/01 Turquoise
 - Various Analyte detections reported, all below EPA screening levels
- COBSSX/01 N30, 15,25.9, W187, 33, 08.5 At or slightly above EPA
 - Various Analyte detections reported, all below EPA screening levels

Soil/Solid Samples

- Site 10 Walker Avenue Access Above EPA
 - Various Analyte detections reported, all below EPA screening levels
- Site 02 Cotton Bayou Beach Access
 - Fluoranthene detected below EPA screening level

August Results:

Water Samples

- Site 02 Cotton Bayou Beach Access
 - Various Analyte detections reported, all below EPA screening levels
- Site 10 Walker Avenue Access
 - Various Analyte detections reported, all below EPA screening levels
- ADEM split samples – TPH hits only

Soil/Solid Samples

- Site 02 Cotton Bayou Beach Access – TPH hit only
- Site 10 Walker Avenue Access
 - TPH hits only as analyzed on spent pad/boom
- Orange Beach between Long Lane access and Romar Beach access – **Tar Mats and organic material** with various Analyte detections reported below EPA screening, and Benzo(a)pyrene significantly above EPA screening levels. **BP contractors surficially cleaned area removing all visible tar mats and brownish organic material associated with the washed up tar mats.**
- Perdido Pass north of bridge
 - Crowder Gulf **spent pad/boom** with various Analyte detections reported below EPA screening, and Xylene significantly above EPA screening Level. **At the time of sampling, Crowder Gulf was still operating limited skimming operations for the COB and collecting visible surface water material/sheen that resulted in the laboratory reported Xylene exceedence.**
- Beach access at Ono Blvd and Perdido Beach Blvd
 - Sea Oats and nitrile glove wipe collected with TPH detection reported

All of the samples collected followed the sampling methods and procedures as outlined in the QASP dated July 12, 2010 and were sampled for some or all of the following analyses:

- Total Petroleum Hydrocarbons (TPH) Diesel Range Organics (DRO) and Oil Range Organics (ORO) by Wisconsin DRO Method because of the 12 to 24 hour turnaround time.
- EPA Method Modified 8015 for DRO under the direction of ADEM.
- EPA Method Modified 8015 for Gasoline Range Organics (GRO), and ORO.
- EPA Method Modified 8015 DAI for 2-Butoxyethanol and Propylene Glycol
- EPA Method 8270 SIM for Alkylated PAHs and Biomarkers

The following samples and/or sites are still pending analytical reporting:

- MC252 tar balls and tar mats pending fingerprint analysis
- Un-impacted Sea Oat samples for use as control against TPH hits
- Various dive locations collected off shore at borrow pits
- Additional fingerprint analysis from TPH hits reported at sites 10, and north of Perdido Pass area.

Camcon recommends continued periodic monitoring at the 15 predetermined locations for surface waters and sediments/solids in an effort to measure potential impact as well as provide information to the Citizens of Orange Beach. Camcon recommends performing a Limited Assessment of vertical and horizontal extent of potential contamination within select areas from Long Lane access to Cotton Bayou Beach access in an effort to quantify the potential for subsurface impact.

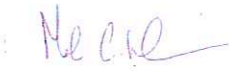
September 21, 2010

We appreciate any comments regarding this information, or if The City of Orange Beach would require adjustments to our approach or projected plan, please do not hesitate to contact us (967.3250 / 864.363.2601).

Sincerely,

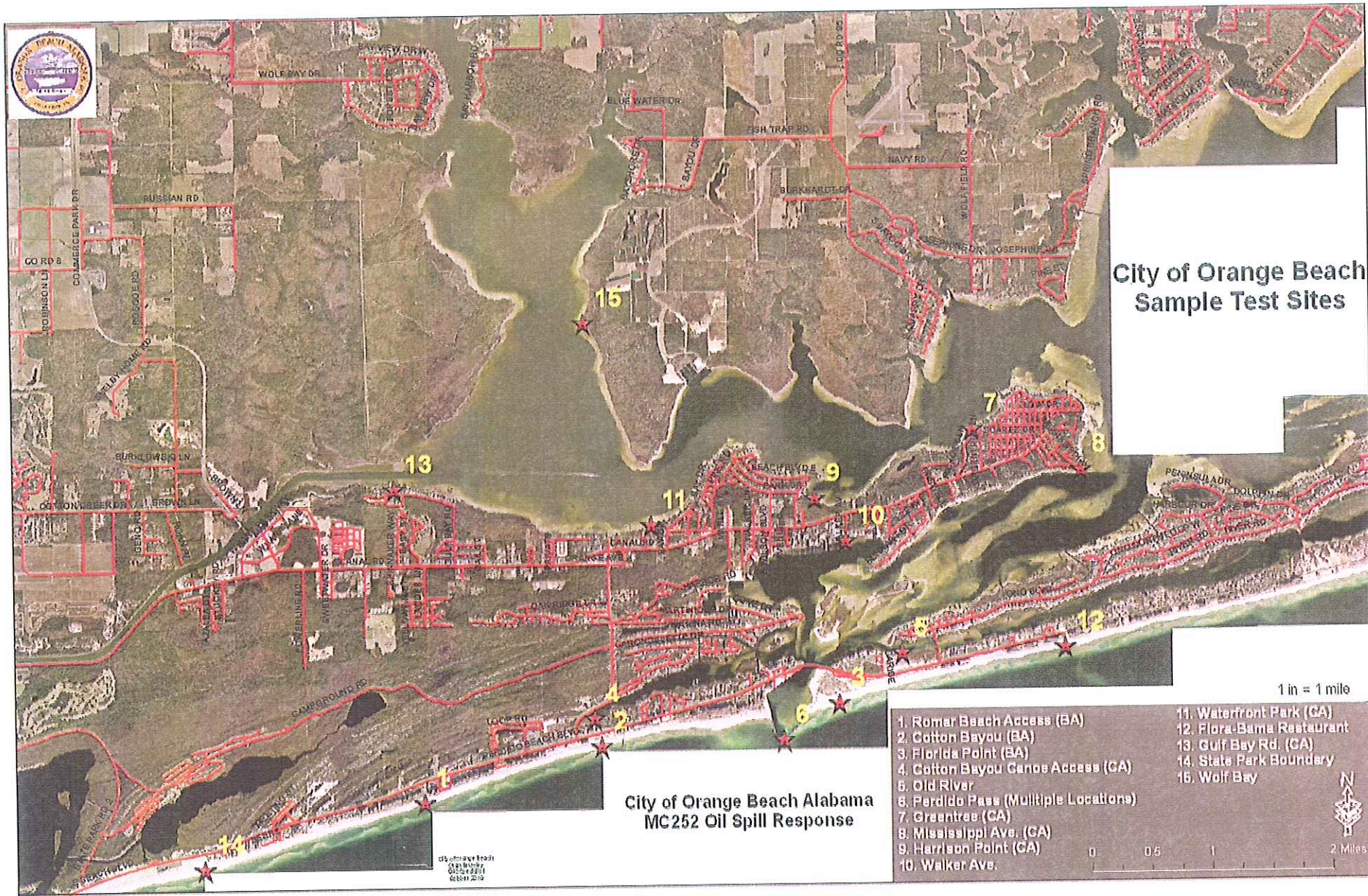
Cameron Consulting, L.L.C.

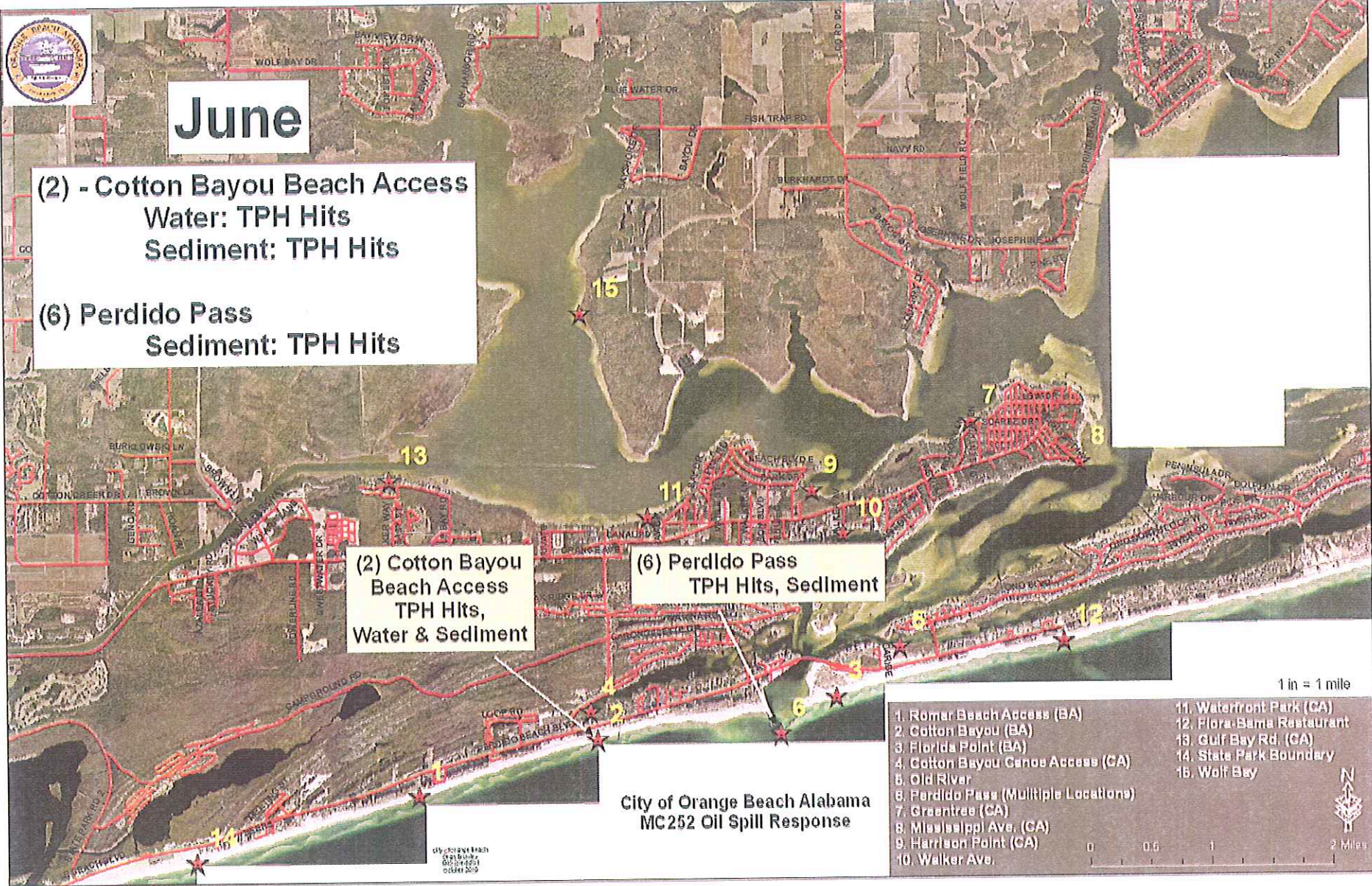
Krebs Architecture & Engineering

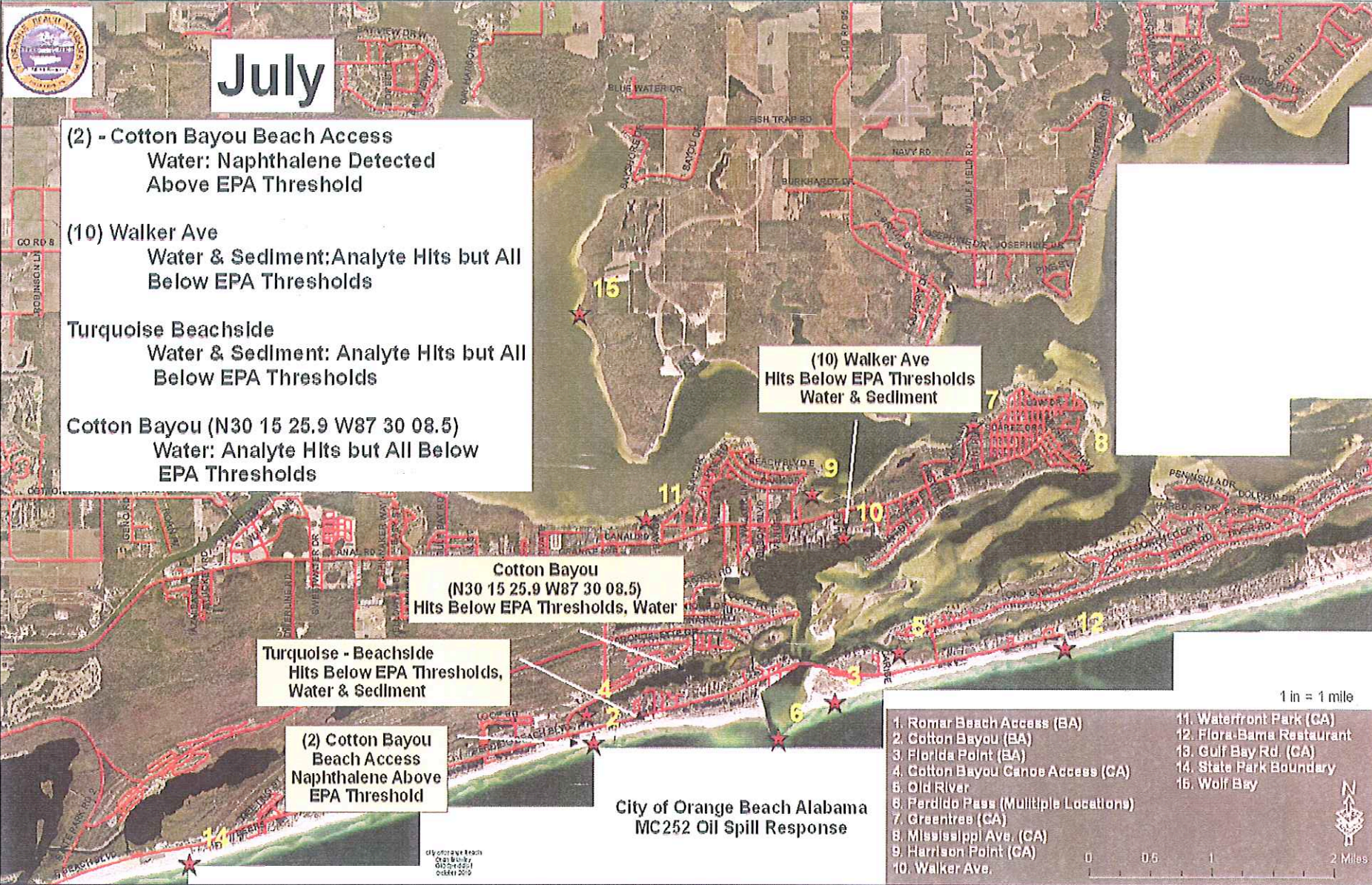


Mark C. White, P.G.
AL Temporary Licensed Professional Geologist #TP62
SC Licensed Professional Geologist # 2506
KY Licensed Professional Geologist # 2490
Cameron Consulting, LLC.

Vince Lucido, P.E., P.L.S.
Krebs Architecture & Engineering
by MCW with Permission







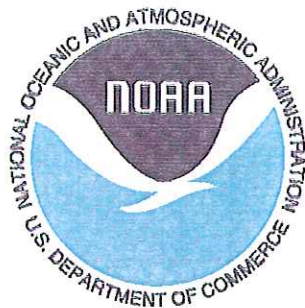


Mississippi-Alabama Sea Grant Consortium's Responses to the Oil Disaster, Seafood Safety, and Consumer Confidence

LaDon Swann, Director

Mississippi-Alabama Sea Grant Consortium

Auburn University Marine Extension and Research
Center

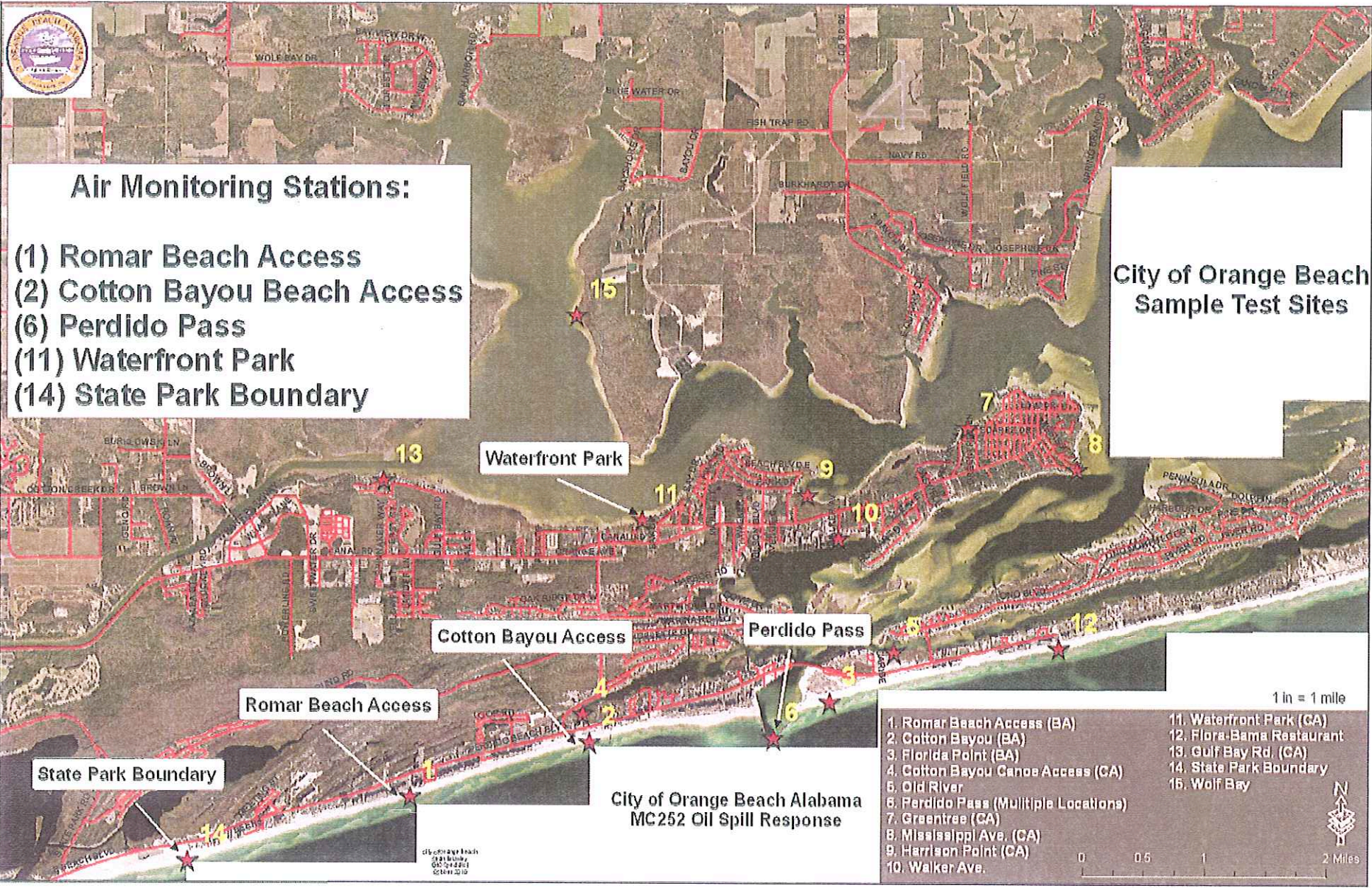


Corexit 9500 Constituents

Name	Common Day-to-Day Use Examples
Sorbitan, mono-(9Z)-9-octadecenoate	Skin cream, body shampoo, emulsifier in juice
Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs.	Baby bath, mouth wash, face lotion, emulsifier in food
Sorbitan, tri-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs	Body/Face lotion, tanning lotions
Butanedioic acid, 2-sulfo-, 1,4-bis(2-ethylhexyl) ester, sodium salt (1:1)	Wetting agent in cosmetic products, gelatin, beverages
Propanol, 1-(2-butoxy-1-methylethoxy)	Household cleaning products
Distillates (petroleum), hydrotreated light	Air freshener, cleaner
Ethanol, 2-butoxy (Corexit 9527)	Cleaners

No dispersants have been used since July 19th.

Half-life of dispersants is days to weeks.



WATER SAMPLE DETECTION MASTER LIST

Sample ID	Lab ID	Collected Date	Matrix	Method	Parameter	Results	Units	EPA Regional Screening		Units
								Tap Water	Maximum Contaminate Level (MCL)	
COB S5X/01 N30,15,25.9,187,33,	10134937002	07/31/2010 11:30	Water	Alkylated PAH by SIM	C1-Benzo(a)anthracene/Chrysene	0.10	ug/L	NS	NS	ug/L
COB S5X/01 N30,15,25.9,187,33,	10134937002	07/31/2010 11:30	Water	Alkylated PAH by SIM	C1-Phenanthrenes/Anthracenes	0.070	ug/L	NS	NS	ug/L
COB S5X/01 N30,15,25.9,187,33,	10134937002	07/31/2010 11:30	Water	Alkylated PAH by SIM	C2-Benzo(a)anthracene/Chrysene	0.056	ug/L	NS	NS	ug/L
COB S5X/01 N30,15,25.9,187,33,	10134937002	07/31/2010 11:30	Water	Alkylated PAH by SIM	C2-Phenanthrenes/Anthracenes	0.052	ug/L	NS	NS	ug/L
COB S5X/01 N30,15,25.9,187,33,	10134937002	07/31/2010 11:30	Water	Alkylated PAH by SIM	C3-Naphthobenzothiophenes	0.26	ug/L	NS	NS	ug/L
COB S5X/01 N30,15,25.9,187,33,	10134937002	07/31/2010 11:30	Water	Alkylated PAH by SIM	C3-Phenanthrenes/Anthracenes	0.047	ug/L	NS	NS	ug/L
COB S5X/01 N30,15,25.9,187,33,	10134937002	07/31/2010 11:30	Water	Alkylated PAH by SIM	C30-Hopane	0.058	ug/L	NS	NS	ug/L
COB S5X/01 N30,15,25.9,187,33,	10134937002	07/31/2010 11:30	Water	EPA 8260B	Chloromethane	1.1	ug/L	190	190	ug/L
COB S5X/01 TURQUOISE	10134937001	07/30/2010 18:00	Water	Alkylated PAH by SIM	Benzo(g,h,i)perylene	0.042	ug/L	NS	NS	ug/L
COB S5X/01 TURQUOISE	10134937001	07/30/2010 18:00	Water	Alkylated PAH by SIM	C1-Benzo(a)anthracene/Chrysene	0.066	ug/L	NS	NS	ug/L
COB S5X/01 TURQUOISE	10134937001	07/30/2010 18:00	Water	Alkylated PAH by SIM	C3-Naphthobenzothiophenes	0.090	ug/L	NS	NS	ug/L
COB S5X/01 TURQUOISE	10134937001	07/30/2010 18:00	Water	Alkylated PAH by SIM	Indeno(1,2,3-cd)pyrene	0.043	ug/L	0.029	NS	ug/L
COB S5X/01 TURQUOISE	10134937001	07/30/2010 18:00	Water	EPA 8015 Modified	Propylene glycol	12.0	mg/L	730	NS	mg/L
COB S5X/01 TURQUOISE	10134937001	07/30/2010 18:00	Water	EPA 8260B	Toluene	0.52	ug/L	2300	1000	ug/L
COBSS402 N30,16'10.5,W87,34'23	10135264001	08/04/2010 12:15	Water	Alkylated PAH by SIM	1-Methylnaphthalene	0.088	ug/L	2.3	NS	ug/L
COBSS402 N30,16'10.5,W87,34'23	10135264001	08/04/2010 12:15	Water	Alkylated PAH by SIM	2,6-Dimethylnaphthalene	0.061	ug/L	NS	NS	ug/L
COBSS402 N30,16'10.5,W87,34'23	10135264001	08/04/2010 12:15	Water	Alkylated PAH by SIM	2-Methylnaphthalene	0.15	ug/L	150	NS	ug/L
COBSS402 N30,16'10.5,W87,34'23	10135264001	08/04/2010 12:15	Water	Alkylated PAH by SIM	C1-Benzo(b)thiophenes	0.064	ug/L	NS	NS	ug/L
COBSS402 N30,16'10.5,W87,34'23	10135264001	08/04/2010 12:15	Water	Alkylated PAH by SIM	C1-Naphthalenes	0.25	ug/L	NS	NS	ug/L
COBSS402 N30,16'10.5,W87,34'23	10135264001	08/04/2010 12:15	Water	Alkylated PAH by SIM	C1-Phenanthrenes/Anthracenes	0.086	ug/L	NS	NS	ug/L
COBSS402 N30,16'10.5,W87,34'23	10135264001	08/04/2010 12:15	Water	Alkylated PAH by SIM	C2-Benzo(b)thiophenes	0.072	ug/L	NS	NS	ug/L
COBSS402 N30,16'10.5,W87,34'23	10135264001	08/04/2010 12:15	Water	Alkylated PAH by SIM	C2-Fluorenes	0.099	ug/L	NS	NS	ug/L
COBSS402 N30,16'10.5,W87,34'23	10135264001	08/04/2010 12:15	Water	Alkylated PAH by SIM	C2-Naphthalenes	0.11	ug/L	NS	NS	ug/L
COBSS402 N30,16'10.5,W87,34'23	10135264001	08/04/2010 12:15	Water	Alkylated PAH by SIM	C3-Fluorenes	0.052	ug/L	NS	NS	ug/L
COBSS402 N30,16'10.5,W87,34'23	10135264001	08/04/2010 12:15	Water	Alkylated PAH by SIM	C3-Naphthalenes	0.065	ug/L	NS	NS	ug/L
COBSS402 N30,16'10.5,W87,34'23	10135264001	08/04/2010 12:15	Water	Alkylated PAH by SIM	C3-Naphthobenzothiophenes	0.090	ug/L	NS	NS	ug/L
COBSS402 N30,16'10.5,W87,34'23	10135264001	08/04/2010 12:15	Water	Alkylated PAH by SIM	Naphthalene	0.072	ug/L	0.14	NS	ug/L
COBSS402 N30,16'10.5,W87,34'23	10135264001	08/04/2010 12:15	Water	EPA 8015 Modified	Propylene glycol	66.2	mg/L	730	NS	mg/L
COBSW1002	10135754007	08/12/2010 09:30	Water	EPA 8260	Toluene	1.0	ug/L	2300	1000	ug/L
COBSWXADEM	10136323001	08/20/2010 00:00	Water	NWTPH-Dx	Diesel Fuel Range	1.6	mg/L	NS	NS	mg/L
COBSWXADEM	10136323001	08/20/2010 00:00	Water	NWTPH-Dx	Motor Oil Range	0.56	mg/L	NS	NS	mg/L
COBSWXADEM	10136323001	08/20/2010 00:00	Water	WI MOD DRO	Diesel Range Organics	0.12	mg/L	NS	NS	mg/L
COB SW 01 02	20813534	08/26/2010 11:40	Water	EPA 8015/8021	Gasoline Range Organics(C6-10)	0.0309 J	mg/L	NS	NS	mg/L
COB SW 01 02	20813534	08/26/2010 11:40	Water	EPA 8260	Methylene chloride	0.930 J	ug/L	5	5	ug/L
COB SW 03 02	20813535	08/26/2010 12:00	Water	EPA 8015/8021	Gasoline Range Organics(C6-10)	0.0263 J	mg/L	NS	NS	mg/L
COB SW 03 02	20813535	08/26/2010 12:00	Water	EPA 8260	Methylene chloride	0.860 J	ug/L	5	5	ug/L
COB SW 04 02	20813528	08/26/2010 10:00	Water	EPA 8015/8021	Gasoline Range Organics(C6-10)	0.0369 J	mg/L	NS	NS	mg/L
COB SW 04 02	20813528	08/26/2010 10:00	Water	EPA 8260	Methylene chloride	0.880 J	ug/L	5	5	ug/L
COB SW 05 02	20813529	08/26/2010 10:10	Water	EPA 8015/8021	Gasoline Range Organics(C6-10)	0.0329 J	mg/L	NS	NS	mg/L
COB SW 05 02	20813529	08/26/2010 10:10	Water	EPA 8260	Methylene chloride	0.910 J	ug/L	5	5	ug/L
COB SW 07 02	20813523	08/26/2010 08:25	Water	EPA 8015/8021	Gasoline Range Organics(C6-10)	0.0342 J	mg/L	NS	NS	mg/L
COB SW 07 02	20813523	08/26/2010 08:25	Water	EPA 8260	Methylene chloride	1.03 J	ug/L	5	5	ug/L
COB SW 08 02	20813512	08/26/2010 08:00	Water	EPA 8015/8021	Gasoline Range Organics(C6-10)	0.0307 J	mg/L	NS	NS	mg/L
COB SW 08 02	20813512	08/26/2010 08:00	Water	EPA 8260	Methylene chloride	0.870 J	ug/L	5	5	ug/L

COB SW 09 02	20813525	08/26/2010 09:00	Water	EPA 8015/8021	Gasoline Range Organics(C6-10)	0.0342 J	mg/L	NS	NS	mg/L
COB SW 09 02	20813525	08/26/2010 09:00	Water	EPA 8260	Methylene chloride	0.850 J	ug/L	5	5	ug/L
COB SW 10 02	20813524	08/26/2010 08:45	Water	EPA 8015/8021	Gasoline Range Organics(C6-10)	0.0324 J	mg/L	NS	NS	mg/L
COB SW 10 02	20813524	08/26/2010 08:45	Water	EPA 8260	Methylene chloride	1.06 J	ug/L	5	5	ug/L
COB SW 11 02	20813526	08/26/2010 09:25	Water	EPA 8015/8021	Gasoline Range Organics(C6-10)	0.0294 J	mg/L	NS	NS	mg/L
COB SW 11 02	20813526	08/26/2010 09:25	Water	EPA 8260	Methylene chloride	0.900 J	ug/L	5	5	ug/L
COB SW 12 02	20813536	08/26/2010 12:20	Water	EPA 8015/8021	Gasoline Range Organics(C6-10)	0.0302 J	mg/L	NS	NS	mg/L
COB SW 13 02	20813527	08/26/2010 09:35	Water	EPA 8015/8021	Gasoline Range Organics(C6-10)	0.0298 J	mg/L	NS	NS	mg/L
COB SW 13 02	20813527	08/26/2010 09:35	Water	EPA 8260	Methylene chloride	0.790 J	ug/L	5	5	ug/L
COB SW 14 02	20813532	08/26/2010 11:20	Water	EPA 8015/8021	Gasoline Range Organics(C6-10)	0.0277 J	mg/L	NS	NS	mg/L
COB SW 14 02	20813532	08/26/2010 11:20	Water	EPA 8260	Methylene chloride	0.870 J	ug/L	5	5	ug/L
COB SW X01	20814460	08/31/2010 12:00	Water	EPA 8015 Modified	Diesel Range Organics (C10-28)	0.172	mg/L	NS	NS	mg/L
COB SW X01	20814460	08/31/2010 12:00	Water	EPA 8015 Modified	Oil Range Organics (>C28-40)	0.274	mg/L	NS	NS	mg/L
COB SW X01	20814460	08/31/2010 12:00	Water	EPA 8015/8021	Gasoline Range Organics(C6-10)	0.0315 J	mg/L	NS	NS	mg/L
COBSW1003	20809490	08/12/2010 18:40	Water	EPA 8015 Modified	Diesel Range Organics (C10-28)	2.75	mg/L	NS	NS	mg/L
COBSW1003	20809490	08/12/2010 18:40	Water	EPA 8015 Modified	Oil Range Organics (>C28-40)	3.75	mg/L	NS	NS	mg/L

Polynuclear Aromatic Hydrocarbons (PAHs)
Acenaphthene
Anthracene
Benz[a]anthracene
Benzo[a]pyrene
Benzo[b]fluoranthene
Benzo[k]fluoranthene
Chrysene
Dibenz[a]anthracene
Dimethylbenz(a)anthracene, 7,12-
Fluoranthene
Fluorene
Indeno(1,2,3-cd)pyrene
Methylnaphthalene, 1-
Methylnaphthalene, 2-
Naphthalene
Pyrene

2200	NS	ug/L
11000	NS	ug/L
0.029	NS	ug/L
0.0029	NS	ug/L
0.029	0.2	ug/L
0.29	NS	ug/L
2.9	NS	ug/L
0.0029	NS	ug/L
0.00027	NS	ug/L
1500	NS	ug/L
1500	NS	ug/L
0.029	NS	ug/L
2.3	NS	ug/L
150	NS	ug/L
0.14	NS	ug/L
1100	NS	ug/L

SEDIMENT SAMPLE DETECTION MASTER LIST

Sample ID	Lab ID	Collected Date	Matrix	Method	Parameter	Results	Units	EPA Regional Screening Levels		Units
								Residential Soil - Surficial Soils	Risk-Based Soil Screening Level (SSL)*	
COBSP1001	10135639001	08/11/2010 16:10	Solid	Alkylated PAH by SIM	C1-Fluoranthenes/Pyrenes	355	ug/kg	NS	NS	
COBSP1001	10135639001	08/11/2010 16:10	Solid	Alkylated PAH by SIM	C1-Phenanthrenes/Anthracenes	228	ug/kg	NS	NS	
COBSP1001	10135639001	08/11/2010 16:10	Solid	Alkylated PAH by SIM	C2-Chrysenes	110	ug/kg	NS	NS	
COBSP1001	10135639001	08/11/2010 16:10	Solid	Alkylated PAH by SIM	C2-Naphthalenes	128	ug/kg	NS	NS	
COBSP1001	10135639001	08/11/2010 16:10	Solid	Alkylated PAH by SIM	C2-Phenanthrenes/Anthracenes	169	ug/kg	NS	NS	
COBSP1001	10135639001	08/11/2010 16:10	Solid	Alkylated PAH by SIM	C3-Fluorenes	114	ug/kg	NS	NS	
COBSP1001	10135639001	08/11/2010 16:10	Solid	Alkylated PAH by SIM	C3-Naphthalenes	85.9	ug/kg	NS	NS	
COBSP1001	10135639001	08/11/2010 16:10	Solid	Alkylated PAH by SIM	C3-Phenanthrenes/Anthracenes	171	ug/kg	NS	NS	
COBSP1001	10135639001	08/11/2010 16:10	Solid	Alkylated PAH by SIM	Pyrene	92.1	ug/kg	1.7x10(6)	150000	ug/kg
COBSP1001	10135639001	08/11/2010 16:10	Solid	WI MOD DRO	Diesel Range Organics	1400	mg/kg	NS	NS	
COBSPX01	10135754004	08/12/2010 12:00	Solid	WI MOD DRO	Diesel Range Organics	11.6	mg/kg	NS	NS	
COBSPX02	10135754003	08/12/2010 12:00	Solid	Alkylated PAH by SIM	C1-Chrysenes	23200	ug/kg	NS	NS	
COBSPX02	10135754003	08/12/2010 12:00	Solid	Alkylated PAH by SIM	C1-Phenanthrenes/Anthracenes	39600	ug/kg	NS	NS	
COBSPX02	10135754003	08/12/2010 12:00	Solid	Alkylated PAH by SIM	C2-Chrysenes	15900	ug/kg	NS	NS	
COBSPX02	10135754003	08/12/2010 12:00	Solid	Alkylated PAH by SIM	C2-Phenanthrenes/Anthracenes	41000	ug/kg	NS	NS	
COBSPX02	10135754003	08/12/2010 12:00	Solid	Alkylated PAH by SIM	C3-Chrysenes	8980	ug/kg	NS	NS	
COBSPX02	10135754003	08/12/2010 12:00	Solid	Alkylated PAH by SIM	C3-Phenanthrenes/Anthracenes	30400	ug/kg	NS	NS	
COBSPX02	10135754003	08/12/2010 12:00	Solid	Alkylated PAH by SIM	C4-Phenanthrenes/Anthracenes	7580	ug/kg	NS	NS	
COBSPX02	10135754003	08/12/2010 12:00	Solid	Alkylated PAH by SIM	Chrysene/Triphenylene	6010	ug/kg	NS	NS	
COBSPX02	10135754003	08/12/2010 12:00	Solid	WI MOD DRO	Diesel Range Organics	55700	mg/kg	NS	NS	
COBSSX0101	10135754006	08/12/2010 10:00	Solid	EPA 8270 by SIM	Chrysene	101	ug/kg	15000	1400	ug/kg
COBSSX0201	10135754005	08/12/2010 10:40	Solid	EPA 8270 by SIM	Benzo(a)pyrene	315	ug/kg	15	4.6	ug/kg
COBSSX0201	10135754005	08/12/2010 10:40	Solid	EPA 8270 by SIM	Chrysene	454	ug/kg	15000	1400	ug/kg
SKIMMER MATES	10135264002	08/04/2010 12:15	Solid	EPA 8015 Modified	Diesel Components	93.1	mg/kg	NS	NS	
SKIMMER MATES	10135264002	08/04/2010 12:15	Solid	EPA 8260	Ethylbenzene	430	ug/kg	5700	1.9	ug/kg
SKIMMER MATES	10135264002	08/04/2010 12:15	Solid	EPA 8260	Xylene (Total)	1700	ug/kg	600000	230	ug/kg
COBSSZ0401	20810910	08/17/2010 16:45	Soil	EPA 8015 Modified	Oil Range Organics (>C28-40)	910	mg/kg	NS	NS	
COBSP1001	20808724	08/11/2010 11:10	Soil	EPA 8015 Modified	Diesel Range Organics (C10-28)	664	mg/kg	NS	NS	
COBSP1001	20808724	08/11/2010 11:10	Soil	EPA 8015 Modified	Oil Range Organics (>C28-40)	452	mg/kg	NS	NS	
COBSPA1001	20808725	08/11/2010 11:14	Soil	EPA 8015 Modified	Diesel Range Organics (C10-28)	630	mg/kg	NS	NS	
COBSPA1001	20808725	08/11/2010 11:14	Soil	EPA 8015 Modified	Oil Range Organics (>C28-40)	500	mg/kg	NS	NS	
COB ITD 02 03	20814452	08/31/2010 12:00	Soil	EPA 8015/8021	Gasoline Range Organics(C6-10)	1.09 J	mg/kg	NS	NS	
COB ITD X01	20814455	08/31/2010 13:00	Soil	EPA 8015 Modified	Diesel Range Organics (C10-28)	12.1	mg/kg	NS	NS	
COB ITD X01	20814455	08/31/2010 13:00	Soil	EPA 8015/8021	Gasoline Range Organics(C6-10)	2.41 J	mg/kg	NS	NS	
COBSSX0501	20814114	08/17/2010 16:30	Soil	EPA 8015 Modified	Diesel Range Organics (C10-28)	3170	mg/kg	NS	NS	
COBSSX0501	20814114	08/17/2010 16:30	Soil	EPA 8015 Modified	Oil Range Organics (>C28-40)	6230	mg/kg	NS	NS	
COBSSX0502	20814116	08/17/2010 16:30	Soil	EPA 8015 Modified	Diesel Range Organics (C10-28)	3250	mg/kg	NS	NS	

COBSSX0502	20814116	08/17/2010 16:30	Soil	EPA 8015 Modified	Oil Range Organics (>C28-40)	7650	mg/kg	NS	NS	
TRIP BLANK SOIL	20814469	08/31/2010 14:41	Soil	EPA 8015/8021	Gasoline Range Organics(C6-10)	0.852 J	mg/kg	NS	NS	

NOTES:

NS = No Standard established by EPA for Parameter

* = Soil Screening Level (SSL) for soil in the 0 to two feet below ground surface (bgs)

interval when potential for groundwater impact is present

ug/kg = microgram per kilogram or parts per billion (ppb)

mg/kg = Milligram per kilogram or parts per million (ppm)

These parameters are the Results from BioMarker Analysis (Fingerprinting)

EPA Residential soils generally are considered in the 0 to two feet below ground surface (bgs)

*EPA Risk-Based SSLs are considered for the soil horizon from two feet bgs to the soil groundwater interface.

Polynuclear Aromatic Hydrocarbons (PAHs)
Acenaphthene
Anthracene
Benz[a]anthracene
Benzo[a]pyrene
Benzo[b]fluoranthene
Benzo[k]fluoranthene
Chrysene
Dibenz[a]anthracene
Dimethylbenz(a)anthracene, 7,12-
Fluoranthene
Fluorene
Indeno(1,2,3-cd)pyrene
Methylnaphthalene, 1-
Methylnaphthalene, 2-
Naphthalene
Pyrene

3400	27	mg/kg
17000	450	mg/kg
0.15	0.014	mg/kg
0.015	0.0046	mg/kg
0.15	0.047	mg/kg
1.5	0.46	mg/kg
15	1.4	mg/kg
0.015	0.015	mg/kg
0.0018	0.00035	mg/kg
2300	210	mg/kg
2300	33	mg/kg
0.15	0.16	mg/kg
22	0.015	mg/kg
310	0.9	mg/kg
3.9	0.00055	mg/kg
1700	150	mg/kg

Proposed Sampling Program

- Begin sampling this week.
- Sample 2 locations for surface water, specifically Cotton Bayou and Terry Cove, a minimum of twice a week for the next 3 to 4 weeks.
- Test for the following: Total Petroleum Hydrocarbons (TPH), Dispersant Markers, DOSS, and Alkylated PAHs
- Request expedited testing on all samples.
- Perform 8-hour SUMMA can air sampling at Cotton Bayou Beach Access, Walker Avenue, and Waterfront Park for background data. Sample a minimum of 3 days in a row. Place additional can at gas station or marina.
- Acquire sediment samples at all beach sites to establish pre-cleanup bases for post-cleanup comparison.

AIR MONITORING TEST DATA

COTTON BAYOU BEACH ACCESS

City of Orange Beach, Alabama
Air Data - July 28 and August 18, 2010

Lab Sample ID		L471910-01					
Client Sample ID		COB AS 0201					
Collect Date		7/28/2010					
CofC PDF		L471910					
Method	Parameter	CAS #	Concentration (ug/m3)	Concentration (mg/m3)	NIOSH REL (mg/m3)	OSHA PEL (mg/m3)	EPA RSL (ug/m3)
TO-15	Acetone	67-64-1	130	0.13	590	2,400	32,000
TO-15	Benzene	71-43-2	8	0.008	0.319	3.19	0.31
TO-15	tert-Butyl alcohol	75-65-0	290	0.29	300	300	Not Established
TO-15	Chloromethane	74-87-3	1.3	0.0013	Ca	207*	94
TO-15	Cyclohexane	110-82-7	2.8	0.0028	1,050	1,050	6,300
TO-15	1,2-Dichloroethane	107-06-2	1.9	0.0019	4	200*	0.094
TO-15	1,4-Dioxane	123-91-1	3	0.003	Ca, 3.6	360	0.32
TO-15	Ethanol	64-17-5	320	0.32	1,900	1,900	Not Established
TO-15	Ethylbenzene	100-41-4	24	0.024	Not Established	Not Established	0.97
TO-15	4-Ethyltoluene	622-96-8	3.6	0.0036	Not Established	Not Established	Not Established
TO-15	Dichlorodifluoromethane	75-71-8	2.9	0.0029	4,950	4,950	210
TO-15	Heptane	142-82-5	3.6	0.0036	350	2,000	Not Established
TO-15	n-Hexane	110-54-3	11	0.011	180	1,800	730
TO-15	Methylene Chloride	75-09-2	5.6	0.0056	Ca	87	5.2
TO-15	2-Butanone (MEK)	78-93-3	32	0.032	590	590	5,200
TO-15	Methyl methacrylate	80-62-6	4.5	0.0045	410	410	730
TO-15	MTBE	1634-04-4	3.1	0.0031	Not Established	Not Established	9.4
TO-15	2-Propanol	67-63-0	22	0.022	980	980	Not Established
TO-15	Styrene	100-42-5	5.5	0.0055	215	426*	1,000
TO-15	Toluene	108-88-3	150	0.15	377	754**	5,200
TO-15	1,2,4-Trimethylbenzene	95-63-6	15	0.015	125	Not Established	7.3
TO-15	1,3,5-Trimethylbenzene	108-67-8	4.7	0.0047	125	Not Established	Not Established
TO-15	m&p-Xylene	1330-20-7	29	0.029	435	435	730
TO-15	o-Xylene	95-47-6	10	0.01	435	435	730

Notes:

NIOSH REL = National Institute for Occupational Safety and Health, Recommended Exposure Limit

OSHA PEL = Occupational Safety and Health Administration, Permissible Exposure Limit

EPA RSL = Environmental Protection Agency, Regional Screening Level (Region 9 - Residential Air, May 2010)

* 5-minute maximum peak in 3 hours, ** 10-minute maximum peak

Bold Exceeds either NIOSH, OSHA, or EPA exposure limit

Ca = Occupational Carcinogen

STATE PARK BOUNDARY BEACHSIDE

City of Orange Beach, Alabama
Air Data - July 28 and August 18, 2010

Lab Sample ID		L471910-02					
Client Sample ID		COB AS 1401					
Collect Date		7/28/2010					
CofC PDF		L471910					
Method	Parameter	CAS #	Concentration (ug/m3)	Concentration (mg/m3)	NIOSH REL (mg/m3)	OSHA PEL (mg/m3)	EPA RSL (ug/m3)
TO-15	Acetone	67-64-1	110	0.11	590	2,400	32,000
TO-15	Benzene	71-43-2	8.3	0.0083	0.319	3.19	0.31
TO-15	tert-Butyl alcohol	75-65-0	300	0.3	300	300	Not Established
TO-15	Chloromethane	74-87-3	1.4	0.0014	Ca	207*	94
TO-15	Cyclohexane	110-82-7	2.5	0.0025	1,050	1050	6,300
TO-15	1,2-Dichloroethane	107-06-2	1.8	0.0018	4	200*	0.094
TO-15	1,4-Dioxane	123-91-1	3.6	0.0036	Ca, 3.6	360	0.32
TO-15	Ethanol	64-17-5	320	0.32	1,900	1,900	Not Established
TO-15	Ethylbenzene	100-41-4	29	0.029	Not Established	Not Established	0.97
TO-15	4-Ethyltoluene	622-96-8	3.3	0.0033	Not Established	Not Established	Not Established
TO-15	Dichlorodifluoromethane	75-71-8	3.4	0.0034	4,950	4,950	210
TO-15	Heptane	142-82-5	3.2	0.0032	350	2,000	Not Established
TO-15	n-Hexane	110-54-3	9.5	0.0095	180	1,800	730
TO-15	Methylene Chloride	75-09-2	5.9	0.0059	Ca	87	5.2
TO-15	2-Butanone (MEK)	78-93-3	29	0.029	590	590	5,200
TO-15	Methyl methacrylate	80-62-6	4.9	0.0049	410	410	730
TO-15	MTBE	1634-04-4	2.7	0.0027	Not Established	Not Established	9.4
TO-15	2-Propanol	67-63-0	20	0.02	980	980	Not Established
TO-15	Styrene	100-42-5	5.1	0.0051	213	426*	1,000
TO-15	Toluene	108-88-3	180	0.18	377	754**	5,200
TO-15	1,2,4-Trimethylbenzene	95-63-6	15	0.015	125	Not Established	7.3
TO-15	1,3,5-Trimethylbenzene	108-67-8	4.8	0.0048	125	Not Established	Not Established
TO-15	m&p-Xylene	1330-20-7	34	0.034	435	435	730
TO-15	o-Xylene	95-47-6	11	0.011	435	435	730

Notes:

NIOSH REL = National Institute for Occupational Safety and Health, Recommended Exposure Limit

OSHA PEL = Occupational Safety and Health Administration, Permissible Exposure Limit

EPA RSL = Environmental Protection Agency, Regional Screening Level (Region 9 - Residential Air, May 2010)

* 5-minute maximum peak in 3 hours, ** 10-minute maximum peak

Bold Exceeds either NIOSH, OSHA, or EPA exposure limit

Ca = Occupational Carcinogen

ROMAR BEACH ACCESS

City of Orange Beach, Alabama
Air Data - July 28 and August 18, 2010

Lab Sample ID		L471910-03					
Client Sample ID		COB AS 0101					
Collect Date		7/28/2010					
CofC PDF		L471910					
Method	Parameter	CAS #	Concentration (ug/m3)	Concentration (mg/m3)	NIOSH REL (mg/m3)	OSHA PEL (mg/m3)	EPA RSL (ug/m3)
TO-15	Acetone	67-64-1	140	0.14	590	2,400	32,000
TO-15	Benzene	71-43-2	10	0.01	0.319	3.19	0.31
TO-15	tert-Butyl alcohol	75-65-0	390	0.39	300	300	Not Established
TO-15	Carbon disulfide	75-15-0	1.3	0.0013	3	62.2(30-minute peak)	730
TO-15	Chloromethane	74-87-3	1.5	0.0015	Ca	207*	94
TO-15	Cyclohexane	110-82-7	3.8	0.0038	1,050	1,050	6,300
TO-15	1,2-Dichloroethane	107-06-2	2.4	0.0024	4	200*	0.094
TO-15	1,4-Dioxane	123-91-1	6.1	0.0061	Ca, 3.6	360	0.32
TO-15	Ethanol	64-17-5	300	0.3	1,900	1,900	Not Established
TO-15	Ethylbenzene	100-41-4	33	0.033	Not Established	Not Established	0.97
TO-15	4-Ethyltoluene	622-96-8	5.9	0.0059	Not Established	Not Established	Not Established
TO-15	Dichlorodifluoromethane	75-71-8	3.1	0.0031	4,950	4,950	210
TO-15	Heptane	142-82-5	6.1	0.0061	350	2,000	Not Established
TO-15	n-Hexane	110-54-3	20	0.02	180	1,800	730
TO-15	Methylene Chloride	75-09-2	6.6	0.0066	Ca	87	5.2
TO-15	2-Butanone (MEK)	78-93-3	50	0.05	590	590	5,200
TO-15	Methyl methacrylate	80-62-6	5.7	0.0057	410	410	730
TO-15	MTBE	1634-04-4	4.7	0.0047	Not Established	Not Established	9.4
TO-15	2-Propanol	67-63-0	25	0.025	980	980	Not Established
TO-15	Styrene	100-42-5	8.1	0.0081	213	426*	1,000
TO-15	Toluene	108-88-3	170	0.17	377	754**	5,200
TO-15	1,2,4-Trimethylbenzene	95-63-6	23	0.023	125	Not Established	7.3
TO-15	1,3,5-Trimethylbenzene	108-67-8	7.4	0.0074	125	Not Established	Not Established
TO-15	Vinyl acetate	108-05-4	1.5	0.0015	15 (15-Minute)	Not Established	210
TO-15	m&p-Xylene	1330-20-7	43	0.043	435	435	730
TO-15	o-Xylene	95-47-6	16	0.016	435	435	730

Notes:

NIOSH REL = National Institute for Occupational Safety and Health, Recommended Exposure Limit

OSHA PEL = Occupational Safety and Health Administration, Permissible Exposure Limit

EPA RSL = Environmental Protection Agency, Regional Screening Level (Region 9 - Residential Air, May 2010)

* 5-minute maximum peak in 3 hours, ** 10-minute maximum peak

Bold Exceeds either NIOSH, OSHA, or EPA exposure limit

Ca = Occupational Carcinogen

PERDIDO PASS

City of Orange Beach, Alabama
Air Data - July 28 and August 18, 2010

Lab Sample ID		L471910-04					
Client Sample ID		COB AS 0601					
Collect Date		7/28/2010					
CofC PDF		L471910					
Method	Parameter	CAS #	Concentration (ug/m3)	Concentration (mg/m3)	NIOSH REL (mg/m3)	OSHA PEL (mg/m3)	EPA RSL (ug/m3)
TO-15	Acetone	67-64-1	220	0.22	590	2,400	32,000
TO-15	Benzene	71-43-2	8.9	0.0089	0.319	3.19	0.31
TO-15	tert-Butyl alcohol	75-65-0	610	0.61	300	300	Not Established
TO-15	Chloromethane	74-87-3	1.3	0.0013	Ca	207*	94
TO-15	Cyclohexane	110-82-7	2.5	0.0025	1,050	1,050	6,300
TO-15	1,2-Dichloroethane	107-06-2	1.7	0.0017	4	200*	0.094
TO-15	1,4-Dioxane	123-91-1	4.3	0.0043	Ca, 3.6	360	0.32
TO-15	Ethanol	64-17-5	380	0.38	1,900	1,900	Not Established
TO-15	Ethylbenzene	100-41-4	22	0.022	Not Established	Not Established	0.97
TO-15	4-Ethyltoluene	622-96-8	4.5	0.0045	Not Established	Not Established	Not Established
TO-15	Dichlorodifluoromethane	75-71-8	3.3	0.0033	4,950	4,950	210
TO-15	Heptane	142-82-5	3.5	0.0035	350	2,000	Not Established
TO-15	n-Hexane	110-54-3	11	0.011	180	1,800	730
TO-15	Methylene Chloride	75-09-2	5.6	0.0056	Ca	87	5.2
TO-15	2-Butanone (MEK)	78-93-3	29	0.029	590	590	5,200
TO-15	Methyl methacrylate	80-62-6	4.1	0.0041	410	410	730
TO-15	MTBE	1634-04-4	2.9	0.0029	Not Established	Not Established	9.4
TO-15	2-Propanol	67-63-0	20	0.02	980	980	Not Established
TO-15	Styrene	100-42-5	7.2	0.0072	213	426*	1,000
TO-15	Toluene	108-88-3	140	0.14	377	754**	5,200
TO-15	1,2,4-Trimethylbenzene	95-63-6	20	0.02	125	Not Established	7.3
TO-15	1,3,5-Trimethylbenzene	108-67-8	6.4	0.0064	125	Not Established	Not Established
TO-15	m&p-Xylene	1330-20-7	29	0.029	435	435	730
TO-15	o-Xylene	95-47-6	11	0.011	435	435	730

Notes:

NIOSH REL = National Institute for Occupational Safety and Health, Recommended Exposure Limit

OSHA PEL = Occupational Safety and Health Administration, Permissible Exposure Limit

EPA RSL = Environmental Protection Agency, Regional Screening Level (Region 9 - Residential Air, May 2010)

* 5-minute maximum peak in 3 hours, ** 10-minute maximum peak

Bold Exceeds either NIOSH, OSHA, or EPA exposure limit

Ca = Occupational Carcinogen

COTTON BAYOU BEACH ACCESS

City of Orange Beach, Alabama
Air Data - July 28 and August 18, 2010

Lab Sample ID		L471910-05					
Client Sample ID		COB AS 0202					
Collect Date		7/28/2010					
CofC PDF		L471910					
Method	Parameter	CAS #	Concentration (ug/m3)	Concentration (mg/m3)	NIOSH REL (mg/m3)	OSHA PEL (mg/m3)	EPA RSL (ug/m3)
TO-15	Acetone	67-64-1	19	0.019	590	2,400	32,000
TO-15	Carbon disulfide	75-15-0	0.81	0.00081	3	62.2(30-minute)	730
TO-15	Chloromethane	74-87-3	1.2	0.0012	Ca	207*	94
TO-15	Ethanol	64-17-5	23	0.023	1,900	1,900	Not Established
TO-15	Trichlorofluoromethane	75-69-4	1.3	0.0013	5,600	5,600	730
TO-15	Dichlorodifluoromethane	75-71-8	2.4	0.0024	4,950	4,950	210
TO-15	n-Hexane	110-54-3	1.8	0.0018	180	1,800	730
TO-15	Methylene Chloride	75-09-2	4.5	0.0045	Ca	87	5.2
TO-15	Toluene	108-88-3	1.6	0.0016	377	754**	5,200
Lab Sample ID		L471910-06					
Client Sample ID		COB AS 0203					
Collect Date		7/29/2010					
CofC PDF		L471910					
Method	Parameter	CAS #	Concentration (ug/m3)	Concentration (mg/m3)	NIOSH REL (mg/m3)	OSHA PEL (mg/m3)	EPA RSL (ug/m3)
TO-15	Acetone	67-64-1	24	0.024	590	2,400	32,000
TO-15	Benzene	71-43-2	0.77	0.00077	0.319	3.19	0.31
TO-15	Chloromethane	74-87-3	1.3	0.0013	Ca	207*	94
TO-15	Cyclohexane	110-82-7	0.69	0.00069	1,050	1,050	6,300
TO-15	Ethanol	64-17-5	15	0.015	1,900	1,900	Not Established
TO-15	Trichlorofluoromethane	75-69-4	1.3	0.0013	5,600	5,600	730
TO-15	Dichlorodifluoromethane	75-71-8	2.4	0.0024	4,950	4,950	210
TO-15	n-Hexane	110-54-3	3.2	0.0032	180	1,800	730
TO-15	Methylene Chloride	75-09-2	6.9	0.0069	Ca	87	5.2
TO-15	Toluene	108-88-3	2.9	0.0029	377	754**	5,200

Notes:

NIOSH REL = National Institute for Occupational Safety and Health, Recommended Exposure Limit

OSHA PEL = Occupational Safety and Health Administration, Permissible Exposure Limit

EPA RSL = Environmental Protection Agency, Regional Screening Level (Region 9 - Residential Air, May 2010)

* 5-minute maximum peak in 3 hours, ** 10-minute maximum peak

bold Exceeds either NIOSH, OSHA, or EPA exposure limit

Ca = Occupational Carcinogen

COTTON BAYOU BEACH ACCESS

City of Orange Beach, Alabama
Air Data - July 28 and August 18, 2010

Lab Sample ID		10136214001					
Client Sample ID		AL COB AS 0204					
Collect Date		8/18/2010					
CofC PDF		None					
Method	Parameter	CAS #	Concentration (ug/m3)	Concentration (mg/m3)	NIOSH REL (mg/m3)	OSHA PEL (mg/m3)	EPA RSL (ug/m3)
TO-15	Acetone	67-64-1	228	0.228	590	2,400	32,000
TO-15	Benzene	71-43-2	1.6	0.0016	0.319	3.19	0.31
TO-15	Carbon Disulfide	75-15-0	30.5	0.0305	3	62.2 (30-minute)	730
TO-15	Chloromethane	74-87-3	2	0.002	Ca	207*	94
TO-15	Naphtalene	91-20-3	12.6	0.0126	0.04	Not Established	Not Established
TO-15	Tetrachloroethene	127-18-4	5	0.005	Not Established	Not Established	Not Established
TO-15	Ethylbenzene	100-41-4	2.8	0.0028	Not Established	Not Established	0.97
TO-15	4-Ethyltoluene	622-96-8	9.1	0.0091	Not Established	Not Established	Not Established
TO-15	Methylene Chloride	75-09-2	1.1	0.0011	Ca	87	5.2
TO-15	2-Butanone (MEK)	78-93-3	96.9	0.0969	590	590	5,200
TO-15	Styrene	100-42-5	3.9	0.0039	213	426*	1,000
TO-15	Toluene	108-88-3	15	0.015	377	754**	5,200
TO-15	1,2,4-Trimethylbenzene	95-63-6	25.6	0.0256	125	Not Established	7.3
TO-15	1,3,5-Trimethylbenzene	108-67-8	6.6	0.0066	125	Not Established	Not Established
TO-15	m&p-Xylene	1330-20-7	8.6	0.0086	435	435	730
TO-15	o-Xylene	95-47-6	4.2	0.0042	435	435	730

Lab Sample ID		10136214002					
Client Sample ID		AL COB AS 1101					
Collect Date		8/18/2010					
CofC PDF		None					
Method	Parameter	CAS #	Concentration (ug/m3)	Concentration (mg/m3)	NIOSH REL (mg/m3)	OSHA PEL (mg/m3)	EPA RSL (ug/m3)
TO-15	Acetone	67-64-1	7.8	0.0078	590	2,400	32,000
TO-15	Benzene	71-43-2	0.95	0.00095	0.319	3.19	0.31
TO-15	2-Butanone	78-93-3	2.3	0.0023	590	590	5,200
TO-15	Chloromethane	74-87-3	1.2	0.0012	Ca	207*	94
TO-15	Dichlorodifluoromethane	75-71-8	2.5	0.0025	4,950	4,950	210
TO-15	Tetrahydrofuran	109-99-9	2.4	0.0024	590	590	Not Established
TO-15	Toluene	108-88-3	1	0.001	377	754**	5,200

Notes:
 NIOSH REL = National Institute for Occupational Safety and Health, Recommended Exposure Limit
 OSHA PEL = Occupational Safety and Health Administration, Permissible Exposure Limit
 EPA RSL = Environmental Protection Agency, Regional Screening Level (Region 9 - Residential Air, May 2010)
 * 5-minute maximum peak in 3 hours, ** 10-minute maximum peak
 Bold Exceeds either NIOSH, OSHA, or EPA exposure limit
 Ca = Occupational Carcinogen

WATERFRONT PARK

By Rob Hooten
Managing editor

The bottom line is that locally caught fish are safe to eat despite the Deepwater Horizon oil spill. Now there has to be a way to let everyone know that.

That was the overall theme of the Seafood Task Force meeting at the Mobile Area Chamber of Commerce building Sept. 28, as seafood dealers, scientists, enforcement personnel and media came together to discuss the issue over shrimp po-boys. Those directly involved in the seafood selling business expressed their distress that their livelihoods are breaking apart as if sprayed with dispersants, while those on the scientific end of the food chain reiterated the safety of Gulf seafood.

"The shrimp, fish and crabs are perfectly safe to eat," said Dr. Bob Dickey, director of the Division of Seafood Science and Technology at the Food and Drug Administration.

Dickey explained how the Polycyclic Aromatic Hydrocarbons — PHAs — found in seafood after the oil spill are less than one would find in food after cooking it over a charcoal grill. He also explained that the PHAs being found in seafood are 100- to 1,000-fold lower than the government's threshold for concern.

He added that government thresholds for concern begin at a 100-fold dilution from what actually is considered dangerous. Dickey says fear of oil contamination in areas of the Gulf open to fishing is simply not justified by the science.

"There is a 1-in-100,000 chance that if you were to eat that seafood every day for five years straight," that a problem would develop, he said.

However, most folks in the meeting said getting people to understand the science and begin to trust Gulf seafood again is the bigger problem. Ralph Atkins, owner of Southern Fish & Oyster Co. who also chaired the meeting, expressed

exasperation with media coverage of the oil spill in general and seafood safety in particular, aiming a good bit of his vitriol at the Press-Register and environmental reporter Ben Raines.

"It's all the things Ben Raines has written," Atkins said after the meeting. "They've (the Press-Register) had an oil story in there every day since the spill. John Q. Public has been hammered with this for so many days. They're just scared of seafood."

During the Task Force gathering, Atkins repeatedly directed Press-Register reporter Brendan Kirby to make sure coverage of the meeting ended up on the paper's front page, which it did the following day. And despite Atkins' enmity toward the daily paper, he and others spoke about the need to buy advertising space in it to make their point.

The group brainstormed about getting celebrities such as University of Alabama Football Coach Nick Saban or Jimmy Buffett to appear in print and television advertising telling consumers that Gulf seafood is indeed safe to eat. Wes True, owner of True restaurant, said it might also be helpful to have celebrity chefs such as Emeril Lagasse stand up for Gulf seafood. True said he continues serving locally caught seafood in his restaurant.

One of the main difficulties, attendees all conceded, is trying to get the average consumer to trust government scientists as they attempt to explain why it's now OK to eat Gulf seafood caught in open fishing areas.

"It is sort of bothersome for the scientists that there is a mistrust. We are public servants, but we are also citizens of Alabama," Dickie said. "We don't factor the health of the industry into the public's health."

He added, "It's a shame that misperceptions are keeping a healthy and delicious food source out of people's diets and also hurting local fisheries."

Dickie explained in detail that both the PHAs and also the dispersants — something those in attendance all agreed might be the biggest fear expressed by most consumers — are constantly being tested for by government scientist who have no allegiance to local fisheries. He said the dispersant is mainly made up of the same things found in detergent and was spread across a massive area of the Gulf and should have been completely diluted within days of being employed.

Dickie also explained how there are roughly 640 quadrillion gallons of water in the Gulf, meaning both oil and dispersants were mostly scattered throughout the Gulf and not able to negatively affect seafood.

Before seafood is declared safe to consume, 200-gram samples are collected and taken to the NOAA lab in Pascagoula where they must first pass a test that includes smell and taste. If it doesn't pass that, Dickie explained, it goes no further. If the samples pass the sensory tests, then they move on to tests searching for chemicals and substances.

Scott Dekie, general manager of VersaCold Atlas, which operates temperature-controlled warehouses, summed up the feelings of many in the room as far as media coverage has gone.

"This stuff got plastered all over the local and national media day after day after day. No one sees Anderson

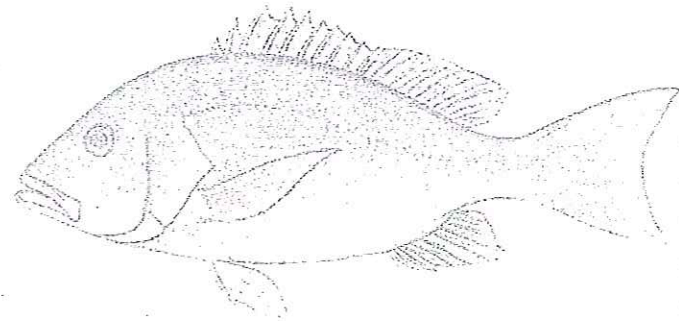


Photo courtesy of ufl.edu

With Red Snapper season underway in the Gulf of Mexico, industry and scientists are trying to spread the word that Gulf seafood is safe to eat.