

Message

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**From:** Gary Ott [Gary.Ott@noaa.gov]  
**Sent:** 9/27/2010 11:29:40 PM  
**To:** Marie BenKinney [/O=EXPONENT/OU=SITE1/CN=ENVIRONMENTAL/CN=BENKINNEYM]  
**Subject:** Fwd: Shallow Water Submerged Oil (SWSO) Focus Needed

Begin forwarded message:

**From:** Gary Ott <[gary.ott@noaa.gov](mailto:gary.ott@noaa.gov)>  
**Date:** September 27, 2010 6:29:02 PM CDT  
**To:** John Brown <[jsbrown@exponent.com](mailto:jsbrown@exponent.com)>, Matt Woloschcek <[MWoloschcek@entrix.com](mailto:MWoloschcek@entrix.com)>, Amanda Harford <[AHarford@entrix.com](mailto:AHarford@entrix.com)>, Jennifer Granberry <[JGranberry@entrix.com](mailto:JGranberry@entrix.com)>  
**Subject:** **Fwd: Shallow Water Submerged Oil (SWSO) Focus Needed**

Begin forwarded message:

**From:** Gary Ott <[Gary.Ott@noaa.gov](mailto:Gary.Ott@noaa.gov)>  
**Date:** September 27, 2010 6:25:24 PM CDT  
**To:** Ed Levine <[ed.levine@noaa.gov](mailto:ed.levine@noaa.gov)>, Elizabeth Jones <[Elizabeth.Jones@noaa.gov](mailto:Elizabeth.Jones@noaa.gov)>  
**Cc:** Melanie Jarrell <[mel.jarrell@](mailto:mel.jarrell@)>  
**Subject:** **Shallow Water Submerged Oil (SWSO) Focus Needed**

Ed,

There is a LADWF perspective that there is "a lot of oil out there."in the birdsfoot, the Pass-A-Loutre WMA. The success of the efforts of the GC-IMT sampling staff to meet the expectations of LADWF is going to take some watching.

The roll out of the big NOAA sponsored "Subsurface Monitoring Program," that will solve all the problems, will come up against these strongly worded complaints by LADWF. Their complaint would be that whatever "they" were doing in "their" sampling program - "They got it all wrong!"

From Houma I will continue to develop the outline for a complete report on this study. However, you will have to talk with others on the GC-IMT staff to make sure that the ducks of the GC-IMT subsea monitoring staff are all in a row. LADWF is not going to back down when they think that they can find oil in the wildlife management areas of the birdsfoot's shallow waters and the CG-IMT organization can not!

This is a big one!

Gary

757 [REDACTED]

Begin forwarded message:

**From:** "Baker, Todd" <[tbaker@wlf.la.gov](mailto:tbaker@wlf.la.gov)>  
**Date:** September 27, 2010 5:44:44 PM CDT  
**To:** John Brown <[jsbrown@exponent.com](mailto:jsbrown@exponent.com)>, Jennifer Granberry <[JGranberry@entrix.com](mailto:JGranberry@entrix.com)>, [kevin.natali@la.gov](mailto:kevin.natali@la.gov), Melanie Jarrell <[mel.jarrell@att.net](mailto:mel.jarrell@att.net)>, [daniel.lambert@la.gov](mailto:daniel.lambert@la.gov), "Bazer, Genevieve" <[qbazer@wlf.la.gov](mailto:qbazer@wlf.la.gov)>, [fw4deputybranchdirectorhouma@fws.gov](mailto:fw4deputybranchdirectorhouma@fws.gov), [drew\\_wirwa@fws.gov](mailto:drew_wirwa@fws.gov), [pon\\_dixson@fws.gov](mailto:pon_dixson@fws.gov), [guilm6@bp.com](mailto:guilm6@bp.com), [Jordan.Stout@noaa.gov](mailto:Jordan.Stout@noaa.gov), [murqr0@bpgom.com](mailto:murqr0@bpgom.com), [Gary.Ott@noaa.gov](mailto:Gary.Ott@noaa.gov), [james\\_burnett@fws.gov](mailto:james_burnett@fws.gov), [peter.j.zauner@uscg.mil](mailto:peter.j.zauner@uscg.mil), [amanda.m.pistole@uscg.mil](mailto:amanda.m.pistole@uscg.mil), [samuel.broussard@LA.gov](mailto:samuel.broussard@LA.gov), [ed.ballow@LA.gov](mailto:ed.ballow@LA.gov), [dirk.kavanagh@LA.gov](mailto:dirk.kavanagh@LA.gov), [ray.clement@LA.gov](mailto:ray.clement@LA.gov), [kelly.lane@bp.com](mailto:kelly.lane@bp.com), "Beckmann, Dennis D" <[Dennis.Beckmann@bp.com](mailto:Dennis.Beckmann@bp.com)>, "Green, Mike R" <[Mike.Green2@bp.com](mailto:Mike.Green2@bp.com)>, [gina.saizan@la.gov](mailto:gina.saizan@la.gov), "Carver, Laura" <[lcarver@wlf.la.gov](mailto:lcarver@wlf.la.gov)>, "Carloss, Michael" <[mcarloss@wlf.la.gov](mailto:mcarloss@wlf.la.gov)>, "Love, Bob" <[blove@wlf.la.gov](mailto:blove@wlf.la.gov)>, "Granier, Shane M." <[sgranier@wlf.la.gov](mailto:sgranier@wlf.la.gov)>, "Dauphinet, Clint" <[cdauphinet@wlf.la.gov](mailto:cdauphinet@wlf.la.gov)>, "Dauphinet, Clint" <[cdauphinet@wlf.la.gov](mailto:cdauphinet@wlf.la.gov)>, "Granier, Shane M." <[sgranier@wlf.la.gov](mailto:sgranier@wlf.la.gov)>, "Carloss, Michael" <[mcarloss@wlf.la.gov](mailto:mcarloss@wlf.la.gov)>, [gina.saizan@la.gov](mailto:gina.saizan@la.gov), "Carver, Laura" <[lcarver@wlf.la.gov](mailto:lcarver@wlf.la.gov)>  
**Cc:** [john.nepywoda@bp.com](mailto:john.nepywoda@bp.com), "Lane, Kelley R" <[kelly.lane@bp.com](mailto:kelly.lane@bp.com)>, [john.bennington@bp.com](mailto:john.bennington@bp.com)  
**Subject:** RE: SWSO Update

I was not trying to infer that you or your staff was not performing to protocol. I did agree on the protocol as well. I am simply pointing out that the protocol is not sufficient to sample the submerged oil that is present. Sunday afternoon the Entrix staff informed me that they would not collect any oil or sheen as result of disturbance from normal activity of an outboard motor. That is why I (LDWF) collected additional samples.

I did not want the finds of this study to say "no oil" when in fact there is oil. It just simply was not likely to be captured using this technique. Your staff agreed and even called to see if it would be appropriate to change the protocol. My samples will mostly be in the same locations that were previously agreed to and visited by your staff.

The oil that is present is significant, not just minor sheening. The pictures I showed you does no justice to the actual problem. It is significant! I am now more concerned than I was before. This is a real threat. We were pulling up oil in about 3' of water 300 yards away from any bank line in an area with no or light oil (according to SCAT maps). We need to regroup on this problem.

D. Todd Baker  
Biologist Program Manager  
Louisiana Dept. Wildlife and Fisheries  
Coastal and Nongame Resources Div.  
Coastal Operations Program  
2415 Darnall Rd  
New Iberia, LA 70560  
Office: (337) [REDACTED]

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**From:** John Brown [mailto:[jsbrown@exponent.com](mailto:jsbrown@exponent.com)]  
**Sent:** Mon 9/27/2010 5:14 PM  
**To:** Baker, Todd; Jennifer Granberry; [kevin.natali@la.gov](mailto:kevin.natali@la.gov); Melanie Jarrell; [daniel.lambert@la.gov](mailto:daniel.lambert@la.gov); Bazer, Genevieve; [fw4deputybranchdirectorhouma@fws.gov](mailto:fw4deputybranchdirectorhouma@fws.gov); [drew\\_wirwa@fws.gov](mailto:drew_wirwa@fws.gov); [pon\\_dixson@fws.gov](mailto:pon_dixson@fws.gov); [guilm6@bp.com](mailto:guilm6@bp.com); [jordan.stout@noaa.gov](mailto:jordan.stout@noaa.gov); [murqr0@bpgom.com](mailto:murqr0@bpgom.com); [gary.ott@noaa.gov](mailto:gary.ott@noaa.gov); [james\\_burnett@fws.gov](mailto:james_burnett@fws.gov); [peter.j.zauner@uscg.mil](mailto:peter.j.zauner@uscg.mil); [amanda.m.pistole@uscg.mil](mailto:amanda.m.pistole@uscg.mil); [samuel.broussard@LA.gov](mailto:samuel.broussard@LA.gov); [ed.ballow@LA.gov](mailto:ed.ballow@LA.gov); [dirk.kavanagh@LA.gov](mailto:dirk.kavanagh@LA.gov); [ray.clement@LA.gov](mailto:ray.clement@LA.gov); [kelly.lane@bp.com](mailto:kelly.lane@bp.com)

[y.lane@bp.com](mailto:k.lane@bp.com); Beckmann, Dennis D; Green, Mike R; [gina.saizan@la.gov](mailto:gina.saizan@la.gov); Carver, Laura; Carlross, Michael; Love, Bob; Granier, Shane M.; Dauphinet, Clint  
**Cc:** [john.nepywoda@bp.com](mailto:john.nepywoda@bp.com); Lane, Kelley R; [john.bennington@bp.com](mailto:john.bennington@bp.com)  
**Subject:** RE: SWSO Update

Todd:

The purpose of the sampling program that we all discussed and agreed on, was to approach the shallow water subsurface oil issue in a controlled and quantifiable manner. We are currently trying to sample all of the locations that you and your team provided, using the agreed upon protocol. The generation of random samples of opportunity by "prop-washing" was not the intent of the program. Sampling in this manner means we cannot accurately measure the area and depth of the oil or determine the concentration of the oil in the sediments (all critical components in addressing the subsurface oil issue). In discussions with Amanda Pistole, the USCG agrees that the generation and collection of un-quantifiable "prop-wash" samples was not the intent of the sampling program.

In order to gain more information on the subsurface oil issue, the Entrix samplers will collect sheen samples of LOR for fingerprinting analysis (as per the protocol), if the LOR is generated from normal boat navigation at a site. We will continue to sample per the protocol through tomorrow, after which we may need to evaluate the preliminary results of the sampling program to date, and determine if modifications to the protocol are warranted.

Please call me if you would like to discuss this further.

Best Regards,

**John**

John S. Brown

**Exponent<sup>®</sup>, Inc.**

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Maynard, MA 01754

[REDACTED] (Direct)

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[REDACTED]@exponent.com

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**From:** Baker, Todd [mailto:[tbaker@wlf.la.gov](mailto:tbaker@wlf.la.gov)]

**Sent:** Monday, September 27, 2010 1:51 PM

**To:** Jennifer Granberry; [kevin.natali@la.gov](mailto:kevin.natali@la.gov); Melanie Jarrell; [daniel.lambert@la.gov](mailto:daniel.lambert@la.gov); Bazer, Genevieve; [fw4deputybranchdirectorhouma@fws.gov](mailto:fw4deputybranchdirectorhouma@fws.gov); [drew\\_wirwa@fws.gov](mailto:drew_wirwa@fws.gov); [pon\\_dixson@fws.gov](mailto:pon_dixson@fws.gov); [quilm6@bp.com](mailto:quilm6@bp.com); [jordan.stout@noaa.gov](mailto:jordan.stout@noaa.gov); [murgr0@bpgom.com](mailto:murgr0@bpgom.com); [gary.ott@noaa.gov](mailto:gary.ott@noaa.gov); John Brown; [james\\_burnett@fws.gov](mailto:james_burnett@fws.gov); [peter.j.zauner@uscg.mil](mailto:peter.j.zauner@uscg.mil); [amanda.m.pistole@uscg.mil](mailto:amanda.m.pistole@uscg.mil); [samuel.broussard@LA.gov](mailto:samuel.broussard@LA.gov); [ed.bal-low@LA.gov](mailto:ed.bal-low@LA.gov); [dirk.kavanagh@LA.gov](mailto:dirk.kavanagh@LA.gov); [ray.clement@LA.gov](mailto:ray.clement@LA.gov); [kelly.lane@bp.com](mailto:kelly.lane@bp.com); Beckmann, Dennis D; Green, Mike R; [gina.saizan@la.gov](mailto:gina.saizan@la.gov); Carver, Laura; Carlross, Michael; Love, Bob; Granier, Shane M.; Dauphinet, Clint

**Subject:** RE: SWSO Update

All,

I was with the sampling team on Saturday and Sunday.

It became very obvious that the protocol was not an effective means to collect samples of the oil that is present. During the first inspection the probe "aka Swiffer" broke in the sandy soils and could not be repaired. In almost all of the sample sites no oil was observed upon initial approach nor was it apparent during the "sorber tapping" investigations. However, as the boat would put the engine in reverse and disturb the soils large amounts of sheen and oil would rise to the surface and spread out over large distances.

The Entrix sampling team did not take many samples of the oil as it was not part of their protocol for collection.

LDWF did collect samples of this oil and would like to submit them for fingerprinting. Who would be the appropriate contact to submit these samples for further analysis? The proper chain of custody and sample collection protocols have been followed.

D. Todd Baker  
Biologist Program Manager  
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Coastal and Nongame Resources Div.  
Coastal Operations Program  
2415 Darnall Rd  
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Office: (337) [REDACTED]

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**From:** Jennifer Granberry [mailto:JGranberry@entrix.com]

**Sent:** Mon 9/27/2010 1:05 PM

**To:** Jennifer Granberry; kevin.natali@la.gov; Melanie Jarrell; Baker, Todd; daniel.lambert@la.gov; Bazer, Genevieve; fw4deputybranchdirectorhouma@fws.gov; drew\_wirwa@fws.gov; pon\_dixson@fws.gov; guilm6@bp.com; jordan.stout@noaa.gov; murgr0@bpgom.com; gary.ott@noaa.gov; jsbrown@exponent.com; james\_burnett@fws.gov; peter.j.zauner@uscg.mil; amanda.m.pistole@uscg.mil; samuel.broussard@LA.gov; ed.ballow@LA.gov; dirk.kavanagh@LA.gov; ray.clement@LA.gov; kelley.lane@bp.com; Beckmann, Dennis D; Green, Mike R

**Subject:** SWSO Update

All,

To date, our sampling team has visited 7 stations for a total of 63 screening areas, 6 sediment samples, and 2 sheen samples.

Please let me know if you have any questions.

Jen Granberry  
**ENTRIX**

CELL: [REDACTED]  
EMAIL: jgranberry@entrix.com - WEBSITE: www.entrix.com

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**From:** Jennifer Granberry

**Sent:** Sunday, September 26, 2010 10:50 AM

**To:** Jennifer Granberry; kevin.natali@la.gov; Melanie Jarrell; tbaker@wlf.la.gov; daniel.lambert@la.gov; gbazer@wlf.la.gov; fw4deputybranchdirectorhouma@fws.gov; drew\_wirwa@fws.gov; pon\_dixson@fws.gov; guilm6@bp.com; jordan.stout@noaa.gov; murgr0@bpgom.com; gary.ott@noaa.gov; jsbrown@exponent.com; james\_burnett@fws.gov; peter.j.zauner@uscg.mil; amanda.m.pistole@uscg.mil; samuel.broussard@LA.gov; ed.ballow@LA.gov; dirk.kavanagh@LA.gov; ray.clement@LA.gov; kelley.lane@bp.com; Beckmann, Dennis D; Green, Mike R

**Subject:** Approved sampling plan and update

All,

Attached is the sampling plan for the shallow water submerged oil sampling event.

An quick update:

The sampling team started yesterday and were able to visit the three stations in the Pass-A-Loutre area, 27 points were screened, and two sediment samples were collected.

Jen Granberry

## ENTRIX

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**From:** Jennifer Granberry  
**Sent:** Saturday, September 25, 2010 5:45 AM  
**To:** Jennifer Granberry; [kevin.natali@la.gov](mailto:kevin.natali@la.gov); Melanie Jarrell; [tbaker@wlf.la.gov](mailto:tbaker@wlf.la.gov); [daniel.lambert@la.gov](mailto:daniel.lambert@la.gov); [gbazer@wlf.la.gov](mailto:gbazer@wlf.la.gov); [fw4deputybranchdirectorhouma@fws.gov](mailto:fw4deputybranchdirectorhouma@fws.gov); [drew\\_wirwa@fws.gov](mailto:drew_wirwa@fws.gov); [pon\\_dixson@fws.gov](mailto:pon_dixson@fws.gov); [quilm6@bp.com](mailto:quilm6@bp.com); [jordan.stout@noaa.gov](mailto:jordan.stout@noaa.gov); [murgr0@bpgom.com](mailto:murgr0@bpgom.com); [gary.ott@noaa.gov](mailto:gary.ott@noaa.gov); [jsbrown@exponent.com](mailto:jsbrown@exponent.com); [james\\_burnett@fws.gov](mailto:james_burnett@fws.gov); [peter.j.zauner@uscg.mil](mailto:peter.j.zauner@uscg.mil); [amanda.m.pistole@uscg.mil](mailto:amanda.m.pistole@uscg.mil); [samuel.broussard@LA.gov](mailto:samuel.broussard@LA.gov); [ed.ballow@LA.gov](mailto:ed.ballow@LA.gov); [dirk.kavanagh@LA.gov](mailto:dirk.kavanagh@LA.gov); [ray.clement@LA.gov](mailto:ray.clement@LA.gov)  
**Subject:** Update on the shallow water submerged oil sampling

Good morning everyone,

I wanted to provide a quick update on this sampling event. The plan has been revised and locations selected for the stations. The plan will be signed today and sampling will begin this weekend.

I will be in touch with the sampling team coordinator/team lead and will provide an update of how things are going in the field either this evening or first thing tomorrow morning.

Please let me know if you have any questions. Have a great day!

Jen Granberry  
ENTRIX

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**From:** Jennifer Granberry  
**Sent:** Tuesday, September 21, 2010 5:25 PM  
**To:** Jennifer Granberry; [kevin.natali@la.gov](mailto:kevin.natali@la.gov); Melanie Jarrell; [tbaker@wlf.la.gov](mailto:tbaker@wlf.la.gov); [daniel.lambert@la.gov](mailto:daniel.lambert@la.gov); [gbazer@wlf.la.gov](mailto:gbazer@wlf.la.gov); [fw4deputybranchdirectorhouma@fws.gov](mailto:fw4deputybranchdirectorhouma@fws.gov); [drew\\_wirwa@fws.gov](mailto:drew_wirwa@fws.gov); [pon\\_dixson@fws.gov](mailto:pon_dixson@fws.gov); [quilm6@bp.com](mailto:quilm6@bp.com); [jordan.stout@noaa.gov](mailto:jordan.stout@noaa.gov); [murgr0@bpgom.com](mailto:murgr0@bpgom.com); [gary.ott@noaa.gov](mailto:gary.ott@noaa.gov); [jsbrown@exponent.com](mailto:jsbrown@exponent.com); [james\\_burnett@fws.gov](mailto:james_burnett@fws.gov); [peter.j.zauner@uscg.mil](mailto:peter.j.zauner@uscg.mil); [amanda.m.pistole@uscg.mil](mailto:amanda.m.pistole@uscg.mil); [samuel.broussard@LA.gov](mailto:samuel.broussard@LA.gov); [ed.ballow@LA.gov](mailto:ed.ballow@LA.gov); [dirk.kavanagh@LA.gov](mailto:dirk.kavanagh@LA.gov); [ray.clement@LA.gov](mailto:ray.clement@LA.gov)  
**Subject:** Updated Email list for Shallow water submerged oil sampling

All,

This should be everyone involved with the Shallow water submerged oil sampling effort.

Thank you!

Jen Granberry  
**ENTRIX**

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EMAIL: jgranberry@entrixx.com • WEBSITE: www.entrixx.com

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