

Deepwater Horizon/Mississippi Canyon 252 Spill

As agreed upon by the Trustees and BP, all samples collected for contaminant analysis during the sampling plan described below will be sent to Alpha Analytical Laboratory. Samples for other analyses will be sent to the laboratories indicated in the plan below.

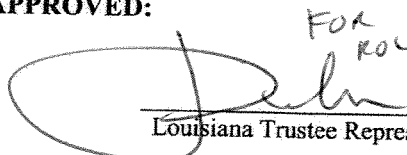
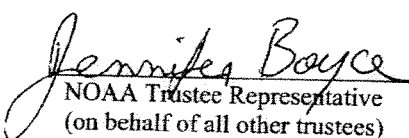
Each laboratory shall simultaneously deliver raw data, including all necessary metadata, generated as part of this work plan as a Laboratory Analytical Data Package (LADP) to the trustee Data Management Team (DMT), the Louisiana Oil Spill Coordinator's Office (LOSCO) on behalf of the State of Louisiana and to ENTRIX (on behalf of BP). The electronic data deliverable (EDD) spreadsheet with pre-validated analytical results, which is a component of the complete LADP, will also be delivered to the secure FTP drop box maintained by the trustees' Data Management Team (DMT). Any preliminary data distributed to the DMT shall also be distributed to LOSCO and to ENTRIX. Thereafter, the DMT will validate and perform quality assurance/quality control (QA/QC) procedures on the LADP consistent with the authorized Quality Assurance Project Plan, after which time the validated/QA/QC'd data shall be made available to all trustees and ENTRIX. Any questions raised on the validated/QA/QC results shall be handled per the procedures in the Quality Assurance Project Plan and the issue and results shall be distributed to all parties. In the interest of maintaining one consistent data set for use by all parties, only the validated/QA/QC'd data set released by the DMT shall be considered the consensus data set. The LADP shall not be released by the DMT, LOSCO, BP or ENTRIX prior to validation/QA/QC absent a showing of critical operational need. Should any party show a critical operational need for data prior to validation/QA/QC, any released data will be clearly marked "preliminary/unvalidated" and will be made available equally to all trustees and ENTRIX.

This plan will be implemented consistent with existing trustee regulations and policies. All applicable state and federal permits must be obtained prior to conducting work.

Approval of the amendments to this work plan is for the purposes of obtaining ephemeral data to be used in evaluating the likelihood of injuries to oysters due to exposure to oil from the Deepwater Horizon/Deepwater Horizon Oil Spill (MC 252 Spill). Parties each reserve its right to produce its own independent interpretation and analysis of any data collected pursuant to this work plan.

Oyster Sampling Plan – Phase I - Amendment 1

APPROVED:

 Louisiana Trustee Representative::	<i>FOR ROLAND GUIDRY</i> <u>2/22/11</u> Date
 BP Representative:	<u>2/13/2011</u> Date
 NOAA Trustee Representative (on behalf of all other trustees)	<u>2/9/11</u> Date

Mississippi Canyon 252 Spill
Oyster Sampling Plan
Phase I – High Priority Sites

Amendment 1 Version 2.0
January 11, 2010

This amendment makes the following modifications to the July 30, 2010 document, “Oyster Sampling Plan, Phase I – High Priority Sites”:

1. Under **Section IV. Site Selection**, it replaces the paragraph titled, “Alternative Sampling Locations for Oiled Sites,” on page 8 with the following new paragraph titled, “Additional Reconnaissance of Potential Oiled Sites”. This new paragraph adds 18 additional alternative sampling locations for the heavily oiled sites to the previous locations listed in Table 6 and Figure 6.

Additional Reconnaissance of Potential Oiled Sites

In the event that exploration and sampling of the proposed stratum B sites in Barataria Bay identifies no evidence of active oyster habitat (i.e., no live or recently dead oysters), we will investigate a set of alternative sites for sampling oysters in oiled areas (Figures 6 and 7 and Tables 6 and 7). The alternative sites were selected based on consultation with the oyster working group and consideration of the most recently available SCAT data on oiling conditions. To maximize the likelihood that active oyster habitat will be found at the alternative sites, we will conduct reconnaissance of these sites before selecting a sample location. The reconnaissance will include side-scan sonar mapping of the site to identify possible oyster reef (following the SOP in the Draft Pre-assessment Plan, as attached to the Phase I Plan), coupled with the collection of small dredge samples to assess whether live oysters or recently dead oysters are present. (Oysters collected for this purpose during reconnaissance activities will not be retained.) In addition, we will deploy sorbent snare sentinels as described above to characterize the extent of oiling in these areas. Subsequent oiled sampling areas will be chosen based on indications of active oyster resource and presence of oiling based on team observations and/or sentinel results.

2. Under Section VI, Estimated Study Cost, it updates the cost estimate in the first sentence of the first full paragraph on page 9 to reflect the additional expected costs of reconnaissance of the Table 7/Figure 7 locations. We estimate an incremental additional cost of \$7,920. It also updates the filename for the cost matrix file in the last sentence of that paragraph.

- First sentence, first full paragraph on p.9, change to: “Our total estimated budget for implementing the Phase I plan described in this document, including physical measurements but not chemistry, is **\$520,594.**”
 - Last sentence, first full paragraph on p.9, change to: “For additional detail concerning the cost estimate, please consult the attached Excel file, **“Costmatrix_Phase_I_Plan_08.01.10.xlsx”.**”
3. It adds Table 7 and Figure 7 to the plan. These exhibits present the locations of the additional alternative sampling locations for the heavily oiled sites. We present this table and figure below.

Table 7. Alternative Proposed Phase I/Amendment 1 Oiled Sampling Locations – Chandeleur Sound, LA (Figure 7). Points are centers of 200 meter grid cells in datum WGS84.

Point	Longitude	Latitude	Stratum
1			A
2			A
3			A
4			A
5			A
6			A
7			A
8			A
9			A
10			A
11			A
12			A
13			A
14			A
15			A
16			A
17			A
18			A

**Figure 7. Alternative Proposed Phase I/Amendment 1 Oiled Sampling Location –
Chandeleur Sound, LA**

