MS Canyon 252 Incident

2nd Addendum to Work Plan for Obtaining Near Shore Spatial Extent of On-Water Oil Samples
July 31, 2010

The first addendum to this plan expanded the original effort to include collection of stranded oil and oiled vegetation or other environmental media (in addition to the on-water sampling originally described) for the purpose of documenting the presence and current condition of oil believed to be from the MS Canyon 252 event on shorelines in different habitats in the Mississippi River delta region. The number of samples estimated in that addendum was 200 and the estimated cost was $394,000. In practice approximately 300 samples have been collected in this effort to date by Trustee representatives and an unknown but smaller number of co-located samples have been collected by ENTRIX representatives.

This second addendum expands the plan's geographical scope to include sampling of weathered oil believed to have been transported to areas beyond the Mississippi River delta region in Alabama and Florida. It is anticipated that weathered oil sampling in these areas farther afield from the spill site will involve a gradual modification in the split between boat-based versus on-land surveying, with the physical nature of the oiling being different (e.g. more tar ball strandings rather than oil in other forms). In Alabama it is anticipated that four crews will spend 7 days surveying and collecting samples, with approximately a 50/50 split of walking and boat work. In Florida it is anticipated that four crews will spend 14 days surveying and collecting samples, with approximately an 85/15 split of walking and boat work. This would take the efforts as far east as the Apalachicola Peninsula on the Florida Panhandle. Given the dynamic conditions across the Gulf of Mexico, the spatial extent of the sampling area may be extended if SCAT assessment data or aerial surveys identify additional oiling. The total number of additional samples to be collected can only be roughly estimated given the uncertainties, but is anticipated to be approximately 200 samples.

Samples of potential interest include those that by appearance may not be from this incident. Samples collected by the Trustees will be analyzed to determine the general and specific character of the oil in accordance with the Analytical QAP and data will be delivered in accordance with the data sharing agreement in the original work plan. Professional judgment of the Trustee will be used to determine which samples will be analyzed and which will be archived for possible future analysis. Splits or separate samples collected by Entrix will be analyzed at the discretion of the RP in accordance with the Analytical QAP and data will also be delivered in accordance with the data sharing agreement in the original work plan.

Coincident with this NRDA oil sampling effort, the Incident Response is collecting and analyzing oil through the efforts of a Forensic Rapid Assessment Team (FRAT). It is anticipated that these data sets, collected for Response and NRDA purposes, may be compared and combined at some point in the future to provide more complete coverage and a more detailed assessment of the fate and transport of MS Canyon 252 oil. It is also anticipated that these oil collections, combined with surveying efforts of the NRDA shoreline teams, aerial imagery work

group, and other work groups, will provide more complete information for injury assessment purposes.

Additional Budget

The budget estimate for this additional work is as follows:
2-person trustee sampling team with boat and captain, per day: $4,700
2-person trustee sampling team, walking, per day: $1500
4 teams per day; total sampling-team-days from July 10 – August 31, 2010 anticipated: 84 (divided approximately 50/50 in Alabama and 85/15 in Florida between boat and walking surveys)
Total revised cost estimate (doesn't include analytical costs): $196,400

Laboratory

Unless otherwise agreed upon by the Trustees and BP, all samples will be sent to TDI Brooks Lab.

Data Sharing

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.

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Approval of this addendum to the work plan is for the purposes of obtaining data for the Natural Resource Damage Assessment. Parties each reserve the right to produce their own independent interpretation and analysis of any data collected pursuant to this work plan.

APPROVED:

Joyce Meley — July 31, 2010

BP Representative: Date

Jennifer Bayce — July 31, 2010

NOAA /Trustee Representative: Date

FOR ROLAND GUIDRY — 8/10/10

State of Louisiana Representative: Date