

From: "Jacqui Michel" <jmichel@researchplanning.com>
To: "Hein, Julia CAPT" <Julia.A.Hein@uscg.mil>
Cc: <sonia.element@uk.bp.com>, "Tsao, David T" <david.tsao@bp.com>, "Rowe, Hunter G" <Hunter.Rowe@bp.com>, <eric.w.whipple@uscg.com>, "Cortez, Michael J" <Michael.Cortez@bp.com>, "Malnor, Lawrence K" <lawrence.malnor@bp.com>, "Norton, Dan CDR" <Dan.R.Norton@uscg.mil>, "Nepywoda, John \ (Swift\)" <john.nepywoda@bp.com>, "Bennington, John P." <john.bennington@bp.com>
Bcc:
Date: 10/14/2010 11:42:29 am
Subject: Re: Biodegradation proposal
Attachments:

CAPT Hein: this proposal has been submitted via various venues since summer. I think that Dr. Boufadel didn't understand how to get it officially submitted via the proper channels.

There is truly a need to answer the question about how long it will take for buried oil to be removed by microbial processes. I get asked this question every Sand TWG meeting and especially now that OCPR is insisting on no mechanical removal of any oil from beaches in Louisiana. The State wants to re-write the Stage III Shoreline Treatment Plan to specifically state no mechanical removal and reliance on natural recovery rates for oiled beach in Louisiana. The plan is to have OCPR observe the mechanical removal of surface oil mats in the intertidal zone on Elmers Island this week. Even if they approve this limited use of mechanical, it is clear that they will NOT consider any mechanical removal of buried oil. So, we will be leaving A LOT of oil buried on the sand beaches of Louisiana. There are similar decisions being made on the Gulf Island National Seashore in MS where there is buried oil on NPS lands, as well as FWS national refuge lands.

This project is needed to help us understand, even next spring, what are the rates of natural removal (microbial) so that we can make the decision whether or not we will have to physically removal buried oil in the spring. Or, perhaps there are feasible in-situ methods to speed the microbial process.

The overhead rate is typical for universities.

I have recommended funding of this project, to help the UC in decision making on the best treatment options for sand beaches throughout the impact area.

Jacqui

On Oct 13, 2010, at 8:46 PM, Hein, Julia CAPT wrote:

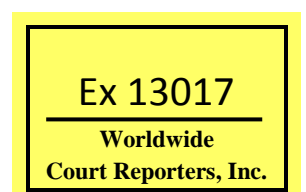
Team,

I have concerns on this one. First, why are we waiting until this point in the response to attempt these activities and is there truly a need? If so, that has not been clearly articulated. Second, this doesn't appear to be response but more NRDA. Finally, a 52% overhead? I'm not a scientist so I don't know what protocols universities use for this kind of proposal; but that markup is not what I would consider in the business realm as being reasonable. On first blush, I do am not in support of this proposal.

Thanks,
Julia

-----Original Message-----

From: sonia.element@uk.bp.com [<mailto:sonia.element@uk.bp.com>]
Sent: Tuesday, October 12, 2010 3:00 PM



To: Tsao, David T; Rowe, Hunter G; Jacqui Michel; eric.w.whipple@uscg.com; Cortez, Michael J; Malnor, Lawrence K

Cc: Hein, Julia CAPT; Norton, Dan CDR; Nepywoda, John (Swift); Bennington, John P.

Subject: Biodegradation proposal

Folks,

Thanks for your participation in yesterdays call with Dr Boufadel. Attached is his proposal as promised - we will be having a discussion in the EU on the proposal tomorrow but meantime would like you to confirm whether you support the project - there seemed to be a lot of support yesterday but it would be good to get a formal view from you all.

Many thanks,

Sonia.

From: Michel Boufadel [<mailto:boufadel@gmail.com>]

Sent: Tuesday, October 12, 2010 1:05 AM

To: Livingston, Corrine (ACRO)

Subject: resources

Hi Corrine,

Please find attached the proposal containing the detailed approach along with information on the management and resources. The budget is reported at the end of the document, it is around \$250k. Please feel free to email me/call me if you have any questions.

Thanks,

Michel C. Boufadel, PhD, PE, P.Hydro.

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Director, Center for Natural Resources Development and Protection

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