



**RE: Natural Seeps**

Jane Lubchenco o Marcia K McNutt  
:

06/06/2010 05:42 PM

Yes, that would be very helpful. thanks

**From:** Marcia K McNutt [mailto:mcnutt@usgs.gov]  
**Sent:** Sunday, June 06, 2010 5:39 PM  
**To:** Jane Lubchenco  
**Subject:** Re: Natural Seeps

Great connection. Thanks for letting me know. Do you want me to find out if there are any estimates of flux to go with the GIS?

**From:** Jane Lubchenco [Jane.Lubchenco@noaa.gov]  
**Sent:** 06/06/2010 04:53 PM AST  
**To:** Marcia McNutt  
**Subject:** RE: Natural Seeps

Marcia – my folks tell me that they have reached out to Jim Kendall and he has sent them a GIS map of the seeps in the area, so this is just what we need. Many thanks!  
Jane

**From:** Marcia K McNutt [mailto:mcnutt@usgs.gov]  
**Sent:** Sunday, June 06, 2010 11:00 AM  
**To:** Jane Lubchenco  
**Subject:** Re: Natural Seeps

Got it. Headed back to houston this afternoon. Will request from both Kate (BP) and Keith (USGS).

**From:** Jane Lubchenco [Jane.Lubchenco@noaa.gov]  
**Sent:** 06/06/2010 09:57 AM AST  
**To:** Marcia McNutt  
**Subject:** RE: Natural Seeps

Hi Marcia,

Thanks for sending this so quickly. It is interesting, but not what we need. It's my understanding that BP and other companies have mapped the natural seeps in the area. Having access to those maps would make it much easier to differentiate subsurface oil from DWH from natural seeps. We are making acoustic maps of the area, among other things. If USGS doesn't have access to this information, we would like to request it from BP. Thanks for any help!

Jane

**From:** Marcia K McNutt [mailto:mcnutt@usgs.gov]  
**Sent:** Saturday, June 05, 2010 11:04 PM  
**To:** Jane Lubchenco  
**Subject:** Natural Seeps

Jane -

This is the document that I mentioned about natural seeps in the GoM. Now that I take a look at it, I am not sure it is so helpful. It references the work of Keith Kvenvolden who worked for the USGS, and is now retired. Keith has offered to help us again on this issue if needed. Let me know if you would like me to pull Keith in on this.

Marcia