

**From:** Hoggan, James L  
**Sent:** Tue Apr 20 04:03:07 2010  
**To:** Lindner, Leo T (MI DRILLING FLUIDS, INC)  
**Cc:** Cicales, Brett W; LeBleu, John B; Maxie, Doyle; Dyer, Tracy K; Morel, Brian P; Deepwater Horizon, Formen; Vidrine, Don J; Kaluza, Robert  
**Subject:** RE: Question about seawater discharge  
**Importance:** Normal

Leo-

The 1000 bbl/hr limit does not apply in this case. Flushing the riser with untreated seawater falls under the permit as a miscellaneous discharge of uncontaminated water -- I understand that any SBM residue is not likely to be measurable and will be de minimis.

Thanks,  
James

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

**From:** Lindner, Leo T (MI DRILLING FLUIDS, INC)  
**Sent:** Mon 4/19/2010 9:03 AM  
**To:** Hoggan, James L  
**Cc:** Cicales, Brett W; LeBleu, John B; Maxie, Doyle; Dyer, Tracy K; Morel, Brian P; Deepwater Horizon, Formen; Vidrine, Don J; Kaluza, Robert  
**Subject:** Question about seawater discharge

Mr. Hoggan,  
I am the mud engineer on the Horizon (Leo Lindner). A question came up this morning we may need some guidance on. When we do our riser clean out with the brushes (which will scrape off SBM residue from the riser), we will be pumping at 40 bbls a minute or 2400 bbls an hour. Now the discharge limit on drilling fluid is 1000 bbls an hour. Would our water discharge fall under the guidelines of a drilling fluid? And are we limited to the 1000 bbls an hour discharge rate, or is our discharge not restricted by the 1000 bbls rate?  
Regards,  
Leo Lindner

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

**From:** Hoggan, James L  
**Sent:** Sunday, April 18, 2010 7:20 AM  
**To:** LeBleu, John B; Maxie, Doyle; Dyer, Tracy K; Morel, Brian P  
**Cc:** Cicales, Brett W; Lindner, Leo T (MI DRILLING FLUIDS, INC)  
**Subject:** RE: Disposal

Yes, it can be discharged as an interface - you'll need to monitor it as a small volume discharge. Limitations are passing the static sheen test and include it in your ROC totals using the defaults 25% ROC and 10 bbls (and will need the weight).

Thanks,  
James

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

**From:** LeBleu, John B  
**Sent:** Sat 4/17/2010 5:50 PM  
**To:** Maxie, Doyle; Dyer, Tracy K; Morel, Brian P

EXHIBIT #

WIT: \_\_\_\_\_

Cc: Hoggan, James L; Cocalles, Brett W; Lindner, Leo T (MI DRILLING FLUIDS, INC)  
Subject: RE: Disposal

From what I know of the make-up of the pills, and what I know of the regulations, this is doable.

But I will defer to James for the definitive answer.

John LeBleu  
Drilling Fluids Engineer  
BP GOM - Drilling Excellence  
BP: 281-366-4015  
Cell: 713-503-2257  
lebleujb@bp.com  
jlebleu@jlebleu.com

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

From: Maxie, Doyle [mailto:dmaxie@miswaco.com]  
Sent: Saturday, April 17, 2010 4:26 PM  
To: LeBleu, John B; Dyer, Tracy K; Morel, Brian P  
Cc: Hoggan, James L; Cocalles, Brett W; Lindner, Leo T (MI DRILLING FLUIDS, INC)  
Subject: RE: Disposal

James,  
After some discussion, can we use the pills in question on the Horizon (water based pills) as a spacer for the displacement to seawater. The pills would be used a water based buffer between the Rheliant system and seawater and be discharged overboard once they have been circulated through the wellbore?

Project Engineer  
Houston District  
Office: 281 . 988 . 1809  
Cell: 281 . 686 . 7247  
Ritefax: 832 . 351 . 4916

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

From: LeBleu, John B [mailto:John.LeBleu@bp.com]  
Sent: Friday, April 16, 2010 9:50 AM  
To: Dyer, Tracy K; Maxie, Doyle; Morel, Brian P  
Cc: Hoggan, James L; Cocalles, Brett W  
Subject: RE: Disposal

I don't think the pill can be held and re-used because of bacterial degradation of the bio polymer.

John LeBleu  
Drilling Fluids Engineer  
BP GOM - Drilling Excellence  
BP: 281-366-4015  
Cell: 713-503-2257  
lebleujb@bp.com

jlebleu@jlebleu.com

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

From: Dyer, Tracy K  
Sent: Friday, April 16, 2010 9:33 AM  
To: Maxie, Doyle; Morel, Brian P  
Cc: Hoggan, James L; LeBleu, John B; Cocalles, Brett W  
Subject: RE: Disposal

Doyle I will need the following information to determine how to characterize the waste see where it will go for disposal

Whose waste is it Bp or other ?  
What is the total quantity and what is it contained in (i.e. 300 bbls in 7 x 25 bbl cuttings boxes etc. )  
How was it used (i.e. not used, used downhole, circulated through mud pits, contaminated by xxx etc.) What is in it, include all MSDS (30 % water, 20 % xxx, > 1% xxx, 5% xxx, 24% xxx) What will it be brought to shore ?  
Is there any chance this pill can be held for later use or used at another rig site ?

Tracy Dyer, CHMM  
BP - DW Waste Specialist  
WL4 497C  
Tel. 281-366-1233  
Cell. 281-731-1821  
Fax 281-366-7078  
Email dyertk@bp.com  
Waste Procedures Link:  
[http://docs.bpweb.bp.com/us\\_wl\\_dk\\_gom\\_hse:/website/custom/waste\\_manual/index.htm?](http://docs.bpweb.bp.com/us_wl_dk_gom_hse:/website/custom/waste_manual/index.htm?)  
Waste SharePoint Site:  
[https://wss2.bp.com/EP4/GoM\\_Offshore\\_Waste/default.aspx](https://wss2.bp.com/EP4/GoM_Offshore_Waste/default.aspx)

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

From: Maxie, Doyle [mailto:dmaxie@miswaco.com]  
Sent: Friday, April 16, 2010 8:49 AM  
To: Dyer, Tracy K  
Subject: Disposal

You may contact me at 281 686 7247 to discuss particulars of pill Doyle W. Maxie

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