0018

Filing OK
C/007/0038

From: Jeffrey Studenka
To: Ware, Dennis (WC) 4737
Date: 4/23/2007 1:51 PM
Subject: Re: Crandall Canyon Shaft

CC: Borla, W. John (BE) 3406; Darby, David; Greene, Johnnie (PEG) 5949; G...

Dennis,

Thanks for the updates today. After reviewing the MSDS for Chitosan, Mike Herkimer and I have a couple comments/questions:

1) Using such a large volume could potentially cause high BOD in the receiving water, which would then cause a drop in DO further downstream. What has been the experience of others using the compound?

2) Has there been any BOD testing of a mixture of the material mimicking what the concentration will be in the environment? (i.e., previous studies)

I know it's more questions than answers at this point, but these are a couple things to consider before utilizing this product. Maybe some information from the manufacturer or distributor would be beneficial regarding the overall process and utilization.

-Jeff

>>> "Ware, Dennis (WC) 4737" <dware@foundationcoal.com> 4/23/2007 12:01 PM >>>

Due to the amount of moisture received in Crandall Canyon through the weekend and continuing today, the pumping of water from the shaft has been discontinued. The total volume of water pumped from the shaft to date is less than 400,000 gallons. Pumping will resume when things dry out a bit. I will keep you posted. I continue to work with Rain for Rent and Nielson Construction to determine the best way to remove the TSS from the water in the bottom portion of the shaft. I am open to any suggestions you may have.

Dennis
Office 435-472-4737
Cell 435-650-2951