From: June.Bergquist@deq.idaho.gov
To: Nickel, Brian
Subject: RE: Sandpoint Zinc DMR data
Date: Friday, February 08, 2013 10:00:45 AM

Got it. Thanks.

From: Nickel, Brian [mailto:Nickel.Brian@epa.gov]
Sent: Friday, February 08, 2013 9:57 AM
To: June Bergquist
Subject: RE: Sandpoint Zinc DMR data

June:

Take a look at the file named "tsdcalcAug08_BN_Sandpoint.xlsx" that I sent to you on January 7th.

You will find the effluent data for zinc, cyanide, and nickel in the tab labeled "pretreatment testing."

The reason it was not necessary to produce separate workbooks for these pollutants (unlike arsenic, chromium, copper, mercury, and lead) was that it was not necessary to perform maximum likelihood estimation (MLE) for those data sets to fill in "less than" or non-detect values.

In hindsight, it's not immediately clear why I didn't do MLE for cyanide, but I don't think it would have made any difference in the outcome of the reasonable potential analysis.

Let me know if you need me to re-send the file.

Thanks,

Brian Nickel, E.I.T.

Environmental Engineer
US EPA Region 10 | Office of Water and Watersheds | NPDES Permits Unit
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Nickel.Brian@epa.gov
http://epa.gov/r10earth/waterpermits.htm
Please conserve natural resources by not printing this message.

From: June.Bergquist@deq.idaho.gov [mailto:June.Bergquist@deq.idaho.gov]
Sent: Friday, February 08, 2013 9:28 AM
To: Nickel, Brian
Subject: Sandpoint Zinc DMR data

Hi Brian,
I seem to be lacking the spreadsheets with zinc data and RPTE calculations…could

you send these to me? Thanks. Sorry to keep bugging you. Almost done.
June