

0003

Mark Reynolds
01/31/2008

From: Jim Smith
To: Mark Reynolds
CC: Pete Hess
Date: 01/31/2008 12:22 PM
Subject: Re: Missing parameters

Mark,

Tables 7-14A and -14B indicate baseline analysis for MH-2, FC-4, and SBC-22 started May 2007, and these three sites were analyzed for baseline parameters (except for the missing parameters) last quarter and for both July and Aug in the 3rd Qtr.

SBC-18 was confusing to me: baseline monitoring for SBC-18 started March 1993. Is baseline to be redone as mining approaches this site? Based on how I read the 7-14 tables, I was only expecting field parameters (see Tue, 18 Dec 2007 15:51:33 email to Melissa - in **bold** - below).

I'll be looking for the same baseline analyses in the 4th Qtr data, but if COOP and the Division don't concur on what is required, this needs to be clarified before February's sample collection and analysis.

JIM

James D. SMITH
Environmental Scientist
DNR - Division of Oil, Gas and Mining
jimdsmith@utah.gov
801 538 5262

>>> Mark Reynolds <mreynolds@etv.net> 01/31/2008 10:52 AM >>>
Jim,

I will first point out that these samples are all baseline samples. According to the MRP only field readings are required except that three years of baseline are required prior to undermining. Technically SBC-22 is the only one that absolutely needs baseline last year in order to meet that requirement. However that is also the only one will real problems. Below is a summary of the results for each of the missing parameters.

SBC-22 Dissolved Zinc was not marked on the chain of custody so it was not reported, but is was tested for when CT&E ran all the other metals. They will be updating the DOGM file today and emailing it to me. The results for Dissolved Zinc was 0.05. It was ran on 8-30 the same days as the other dissolved metals

SBC-18 You may need to check your records. Specific conductivity was on the lab sheet and was part of the DOGM file. The result was 531. The method was SM2510-B. The date and time was 08-22-2007 08:00, and the analyst was GF.

MH-2 When this sample was collected no oil and grease sample was collected with it. The mistake was realized the following day so another sample was collected. It's lab ID # is 59-30295.

FC-4 The situation here is the same as MH-2. The repeat sample ID # is 59-30267.

Let me know what else you need from me. As soon as I get the new lab sheet for SBC-22 from CT&E that has Zinc on it I will send a copy to you.

Mark.

Jim Smith wrote:

James D. SMITH
Environmental Scientist
DNR - Division of Oil, Gas and Miningjimdsmith@utah.gov 801 538 5262

Subject:
Re: 3rd quarter bear Water Monitoring
From:
"Jim Smith" <JIMDSMITH@utah.gov> (<mailto:JIMDSMITH@utah.gov>)
Date:
Mon, 28 Jan 2008 11:23:14 -0700

To:
<melissa <cwmining@etv.net> (mailto:cwmining@etv.net)>

To:
<melissa <cwmining@etv.net> (mailto:cwmining@etv.net)>

Melissa,

We're almost to the end of the month. What do you have on these parameters?

Dissolved Zinc SBC-22 August
Oil and Grease MH-2 July
Oil and Grease FC-4 August
Specific Conductivity (Lab) SBC-18 August

JIM

< I am still working on the items below, SGS did not include them < with the report they gave us and they are giving me problems on getting < the information, i will let you know tonight or tomorrow what kind of < progress i get today< Melissa

James D. SMITH
Environmental Scientist
DNR - Division of Oil, Gas and Miningjimsmith@utah.gov
801 538 5262

Subject:
Re: 3rd quarter bear Water Monitoring
From:
"Jim Smith" <JIMDSMITH@utah.gov> (mailto:JIMDSMITH@utah.gov)
Date:
Tue, 08 Jan 2008 09:50:42 -0700
To:
"melissa" <cwmining@etv.net> (mailto:cwmining@etv.net)

To:
"melissa" <cwmining@etv.net> (mailto:cwmining@etv.net)

Melissa,

Thanks for the reply. Any progress on the remaining items?

JIM

James D. SMITH
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melissa <cwmining@etv.net> (mailto:cwmining@etv.net) 12/18/2007 4:19 PM >>> ...
all below i will check into tomorrow
Missing Baseline Data
Dissolved Zinc SBC-22 August
Oil and Grease MH-2 July
Oil and Grease FC-4 August

Missing Operational Data
Specific Conductivity (Lab) SBC-18 August

Subject:
Re: 3rd quarter bear Water Monitoring - followup
From:
"Jim Smith" <JIMDSMITH@utah.gov> (mailto:JIMDSMITH@utah.gov)
Date:
Tue, 18 Dec 2007 15:51:33 -0700
To:
"melissa" <cwmining@etv.net> (mailto:cwmining@etv.net)

To:
"melissa" <cwmining@etv.net> (mailto:cwmining@etv.net)

Melissa,

Regarding my previous e-mail outlining missing data, SBC-18 only needs to be monitored for Field data in August, so although an Operational list parameter is missing (Specific Conductivity, Lab) from the data submitted, it isn't really required. At least that's how I read Table 7-14.

JIM

Subject:
Re: 3rd quarter bear Water Monitoring
From:
"Jim Smith" <JIMDSMITH@utah.gov> (mailto:JIMDSMITH@utah.gov)
Date:
Tue, 18 Dec 2007 15:41:33 -0700
To:
"melissa" <cwmining@etv.net> (mailto:cwmining@etv.net)

To:
"melissa" <cwmining@etv.net> (mailto:cwmining@etv.net)

3rd Quarter 2007 water monitoring

Melissa:

I have uploaded all of the information for the Bear Canyon Mine from the pipeline into the permanent database. An upload report is attached. It appears you have not sampled all required sites for the 3rd quarter of 2007. This will be verified by the assigned hydrologist, but you may want to verify for yourself first to avoid having delinquent data.

Field data were reported for SBC-11, which was located underground in the Hiawatha workings and abandoned in Jan. 2003 (Table 7-15 of the MRP) when the mine roof collapsed. What site are these data for?

Missing reports

MH-1 Field parameters July
SBC-14 Operational August
SDH-2 Water level September
SDH-3 Water level September
MW-114 Water level September
MW-117 Water level September

Missing Baseline Data

Dissolved Zinc SBC-22 August
Oil and Grease MH-2 July
Oil and Grease FC-4 August

Missing Operational Data

Specific Conductivity (Lab) SBC-18 August

Please let me know if you have any questions

Jim Smith
Environmental Scientist III

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