

From: "Cox, Al (Albuquerque)" <acox@barrick.com>
To: <RWV@nrc.gov>
Date: 9/22/03 12:12PM
Subject: FW: Grants Site - Grease disposal

Bill,
Here is the previous e-mail. I assume you got the FAX info in fine shape?

Al

> -----Original Message-----

> From: Cox, Al (Albuquerque)
> Sent: Wednesday, September 03, 2003 9:53 AM
> To: 'Bill VonTill'
> Subject: RE: Grants Site - Grease disposal

>

> Bill,

> I should have been more specific - I apologize. We have 8 drums of crater or ball mill grease, nothing else is in them to my knowledge.

>

> We have 2 other drums, which we believe was chemical dust suppressant / binder that was used a number of years ago to control wind blown tailings from exposed dry tailings beaches. That is the best knowledge that I have been able to obtain from site staff. This material was analyzed for Uranium, total - one drum = 0.2 ug/g, the other 0.4ug/g and Ra226, total - first drum=0.1+/- 0.1 pCi/g and the other 0.1+/- 0.1 pCi/g. These two drums were also TCLP analyzed for As, Ba, Cd, Cr, Pb, Hg, Se, and Ag; all analyses were below the reporting limits, as follows, respectively (all in mg/kg): <0.25, <5.0, <0.5, <2.5, <2.5, <0.25, <0.25, and <2.5. Flashpoints were checked on these two drums of material - one drum was 132 degrees F, the other was 136 degrees F. I am hopeful that I can dispose of these two drums in a similar fashion to the crater/ ball mill grease, but would like your concurrence before we would proceed.

>

> Thanks! and I hope this provides the information that you need. An e-mail response would be fine; I am travelling to Peru this Friday and will be out of country for 10 days.

>

> Al

>

> -----Original Message-----

> From: Bill VonTill [SMTP:RWV@nrc.gov]
> Sent: Tuesday, September 02, 2003 1:15 PM
> To: acox@barrick.com
> Subject: Re: Grants Site - Grease disposal

>

> Al,

>

> How many drums? Is there anything else in the drums other than the "Crater Grease"?

>

> >>> "Cox, Al (Albuquerque)" <acox@barrick.com> 08/29/03 04:02PM >>>

> Bill,

> Please see attached note. Thanks.....Al

>

> Alan D. Cox

> Manager -

> Grants & Southwest U.S.

> Homestake Mining Co.

> 6719-D Academy Rd. NE

> Albuquerque, NM 87109
> Tele (505) 828-1621
> FAX (505) 828-1626
> Cell (505) 400-2794
> <<e-mail memo to bill vontill on crater grease.doc>>
>

From: "Cox, Al (Albuquerque)" <acox@barrick.com>
To: "rwv@nrc.gov" <rwv@nrc.gov>
Date: 8/29/03 4:03PM
Subject: Grants Site - Grease disposal

Bill,
Please see attached note. Thanks.....Al

Alan D. Cox
Manager -
Grants & Southwest U.S.
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6719-D Academy Rd. NE
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RE: Lubricating grease (crater grease) at HMC Grants Site

Bill,

I have several 55 gal. Poly drums of material at the Grants site comprised primarily of crater grease that was left drummed onsite after demolition of the mill. Crater grease is the grease that is used to lubricate the bearings on ore crushing and grinding mills. This material has been analyzed and confirmed that it has low levels of radionuclide contamination (U, Th, Ra); thus, it cannot be disposed of in a "normal" fashion.

I have been in contact with Tony Thompson for advice, and he says that this is 11e2 byproduct and can be disposed of on site. I agree and need your concurrence regarding the following proposal.

We propose to dispose of this material in a burial cell on the small tailings pile. It is in poly drums with a poly top secured by steel band. The drum would be placed in a larger "overpack" poly drum and packed or surrounded by sand or other inert native soil material between the two drums. The overpack drum top would be secured in normal fashion. The drums would then be placed in the cell on the tailings pile and buried. The cell would be situated such that final reclamation and closure of the small tailings pile would not impact the cell location. Location of the cell will be documented should the drums need to be located in the future.

Do you have any concerns or objections to this approach?

Thanks.....Al