

From: Carr, Chris EM:EX
Sent: October 13, 2004 3:19 PM
To: Howe, Diane J EM:EX
Cc: Pittman, Ed EM:EX
Subject: FW: RE: FW: Mount Polley - application for permit amendment



reply to
cc.doc

Diane, the attached information from D.Pow is in response to my review comments. In summary is says that we can expect the following reports from Golder Associates/Knight Piesold:

1. Pit wall stability with blast designs - no date given
2. Hydrology between Wight Pit and Polley Lake - no date given
3. Waste dump design and construction - no date given
4. Operation, Maintenance and Surveillance manual and Emergency Preparedness Plan for TSF - November 30, 2004
5. 2003 annual dam safety inspection report for TSF - November 30, 2004

I will provide geotechnical permit conditions after the reports 1,2 and 3 have been submitted and reviewed.

Chris.

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

From: DAVE POW [mailto:djpconsulting@shaw.ca]
Sent: October 13, 2004 11:44 AM
To: Pittman, Ed EM:EX
Cc: Carr, Chris EM:EX
Subject: Re: RE: FW: Mount Polley - application for permit amendment

Attached is reply to Chris's comments, I thought that I had sent it out earlier.

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

From: "Pittman, Ed EM:EX" <Ed.Pittman@gems3.gov.bc.ca>
Date: Monday, October 4, 2004 9:04 pm
Subject: RE: FW: Mount Polley - application for permit amendment

> Hi David,
>
> Thank you for replying. I would suggest that a reply would be the
> bestmethod of handling this.

>
> Regards,
>
> Ed Pittman CRM

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

> From: DAVE POW [djpconsulting@shaw.ca]
> Sent: Wednesday, September 29, 2004 9:10 PM
> To: Pittman, Ed EM:EX
> Subject: Re: FW: Mount Polley - application for permit amendment

> Thank you for the comment from Chris would you like me to reply to

> them now
> or just make sure we follow his directions?
>
> I should have a reply to WLAP tomorrow.
>
> ----- Original Message -----
> From: "Pittman, Ed EM:EX" <Ed.Pittman@gems3.gov.bc.ca>
> Date: Wednesday, September 29, 2004 8:38 pm
> Subject: FW: Mount Polley - application for permit amendment
>
> >
> >
> >
> >

> > From: Carr, Chris EM:EX
> > Sent: Monday, September 13, 2004 9:54 AM
> > To: Pittman, Ed EM:EX
> > Cc: Howe, Diane J EM:EX; Errington, John EM:EX
> > Subject: Mount Polley - application for permit amendment
> >
> > I have reviewed the Permit M-200 Amendment Application,
> Northeast Zone
> > prepared by David Pow, dated July 30, 2004.
> >
> > My comments relate to the geotechnical components of the project.
> >
> > It is understood that the application is for mining of the
> > Northeast Zone
> > and includes construction of the Wight Pit, haulage road and
> > expansion of
> > the East waste rock dump and provides conceptual closure plans.
> > Tailings produced from the mill will be discharged into the
> > existing tailings storage
> > facility. The application states that the current tailings dam has
> > sufficient design capacity to accommodate the additional
> > tailings
> > produced from the Northeast Zone.
> >
> > The Wight Pit is located in close proximity to Polley Lake and
> > pit
> > wall stability may be influenced by groundwater flow from the
> > lake.
> > Details of
> > studies that have or will be undertaken to assess possible
> > seepage
> > into the
> > pit along with dewatering plans should be provided. The blast
> > design for
> > the final pit walls has not been provided.
> >
> > A geotechnical report for the proposed East waste rock dump is
> > to be
> > submitted in support of the permit application. The report
> > should
> > include the results of the foundation investigation, requirements
> > for foundation
> > preparation and surface water diversion and stability analyses
> > for
> > design slopes during construction and closure. The report should
> > provide a failure
> > consequence classification for the dump. A dump construction
> > procedure and
> > monitoring manual will be required. A variance to the Chief
> > Inspector's directive of January 9, 1997 for work below an active
> > dump will be required
> > if there are any roads to be located within the potential
> > failure

> > runoutzone of the proposed waste rock dump.
> >
> > The tailings dam crest is currently at elevation 942.5 m and is
> > permitted to
> > 945 m. Prior to operating the tailings storage facility the
> following> information is required and should be submitted to the
> > Geotechnical section
> > in Victoria:
> > 1. An updated Operation, Maintenance and Surveillance manual
> > (including an
> > Emergency Preparedness Plan).
> > 2. Annual dam safety inspection report for the year 2003. The
> > report should
> > include a review of tailings dam geotechnical instrumentation,
> > includingslope inclinometer data and survey monument data.
> >
> > Please contact me if you have any questions.
> >
> > Chris Carr, P.Eng.
> > Senior Geotechnical Engineer
> > Ministry of Energy and Mines, Mining & Minerals Division
> > 7th Floor, 1675 Douglas Street, Victoria
> > Mailing address:
> > P.O. Box 9320 Stn Prov Govt
> > Victoria, British Columbia, V8W 9N3
> > ph: (250) 952-0485 fax: (250) 952-0481
> > Chris.Carr@gems7.gov.bc.ca <'>" >Chris.Carr@gems7.gov.bc.ca>
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
>