Elle Donnelley

From: name withheld
Sent: Wednesday, 10 May 2017 5:21 PM
To: Elle Donnelley
Subject: blackwood pit TSF/2
Attachments: DSCF4802.JPG; DSCF4807.JPG

Hi Elle (1) REGARDING BLACKWOOD PIT .in rasp environmental assessment 2010 ANNEX F)tailing's storage facility feasibility design report no.087611001012 r rev 3 page 11 8.2.2 storage in blackwood pit TSF2 there was storage available for 8.7/5years until 2020 that's assuming no ore recovery from base of the pit (there was ore recovered from base of the pit) feasibility design says the height of the pit floor can increase from RL274 toRL307.5 capacity above 307.5 is available with engineered bund wall at the eastern end of the pit. no wall construction is required at TSF2 as tailing's are deposited in pit THE PIT IS 70M DEEP. so what has changed so much to warrant such drastic change from the feasibility design that the project approval was given on.you might like to look on page 21 TSF2 consequence category 10-7 10-8 &page 10 8-2-1 bottom of paragraph 4 2010 storage design annex F.(2) BROKEN HILL OPERATIONS PTY LTD RASP MINE environmental independent audit 5th Feb 2016 input tailing's disposal blackwood pit auditors report page 27-113 Relevant BHOP PERSONAL recognize that adjusted tailing's disposal practise will need to be applied to minimize dust from TSF2 in 2-3 years time photo on same page showing a near full pit i am really confused as to how all the works they are proposing such as a(sumps decant ponds) etc. at the bottom of a near full pit is to be done .The auditors report BHOPs production figures (IE tons of feed to the mill) on calender year basis since 2013 were 2013/ 659-989 TONNES 2014/ 545-916 TONNES 2015/ 573-352 TONNES 2016 /PLANNED 560-000 tonnes the 1-9 MILLION TONNES of tailing's generated doesn't seem right they say no tailing's have or will be used as back fill for underground so what are they using and why haven't rasp needed to use tailing's as it is more environmentally safer to store tailing's underground. Also water disposal from a one in 100 year rain event from pit will not fit in Horwood dam as it already takes water from underground this water is pumped into a trench that has been dug into the Eyre street tailing dam this water then is allowed to seep through the tailing dam into another retention trench on the outside of the lease when full it is pumped into Horwood dam this dam has a float when the water level goes above float level it leaks very badly rasp mine did not put a lining in this dam i thought this was something that had to be done to stop contamination.this contaminated water ends up in our water catchment as mine is in the Steven's creek catchment there was no due diligence done for leakage/.seepage for this dam and as water from a tailing pit is highly contaminated it isn't allowed to be stored in a leaking dam. I have concerns that the drastic changes from the original tailing storage feasibility design, are being used to sure up the northern end of the pit for CML7 development plan stage(3) Expansion into lodes in southern and northern areas of CML7 via declines from kintore and blackwood pits respectively resource upgrade to support expansion to 1 million t.p.a (name to bewitheld) for this submission

Telstra 3G 8:25 AM 44%

CML7 Development Plan

Stage 1 > Kintore decline to upper part of Western Mineralisation - Initial stope trial of 120,000t

> Infill drilling of Western Mineralisation, zinc lodes and remnant lead lodes

Stage 2 > Development for sustained 500,000 tpa production from Western Mineralisation - metal output of 23,000t zinc, 17,000t lea and 560,000oz silver

> Continued infill drilling of resource targets

Stage 3 > Expansion into lodes in southern and northern areas of CML7 via declines from Kintore and Blackwoods pits respectively

> Resource upgrade to support expansion to 1 million t.p.a.

Photos 16 and 17 – Enclosed conveyors and transfer points at the mill

It was stated that video recording equipment was previously installed for an embankment lift on TSF1. BHOP decided to proceed with in pit tailings in the Blackwood pit (for an additional 3 years) and therefore no valid benefit is considered to exist by installing video recording equipment for in-pit tailings disposal.

Relevant BHOP personnel recognise that adjusted tailings disposal practices will need to be applied to minimise dust from the TSF in 2-3 years' time (i.e. as tailings disposal in Blackwood pit reaches capacity).

Photo 18 – Existing disposal of tailings in the Blackwood Pit