

From: [Darren Wallett](#)
To: [Gwen Wilson](#)
Cc: [Rob Williamson](#); [Visko Sulicich](#); [Jason Price](#); [Elle Donnelley](#)
Subject: RE: Response to Darren Wallet re EPA Submission
Date: Friday, 16 January 2015 12:23:24 PM
Attachments: [image001.png](#)

Hi Gwen,

We have reviewed your below proposed amendments to information contained in the EPA's response to DoPE and we have no objection with what you have proposed. We do not believe the intent of the recommendations has been altered by your amendments. I have included Elle in this response so she is aware of the EPA's position to your request.

Cheers Darren

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From: Gwen Wilson [<mailto:gwenwilson@cbhresources.com.au>]
Sent: Friday, 16 January 2015 9:54 AM
To: Wallett Darren
Cc: Visko Sulicich; Rob Williamson
Subject: RE: Response to Darren Wallet re EPA Submission

Good Morning Darren,

As our discussions yesterday the following changes to EPA proposed conditions are requested:

Dot Point 1 Blasting Management Plans for Sensitive Receptors

"Given the significant uncertainty about blasting impacts in this area we believe that consideration should also be given to requiring the proponent to submit a blast management plan for each 'sensitive location' identified in the BVR."

We think that having a number of blasting management plans will result in such complexity that it will cause confusion amongst operators and not achieve the required blasting management. The review of blasting parameters for each blast will be the same so this will result in unnecessary repetition.

We propose the one blasting management plan that will address each of the sensitive receptors as per the BVR. Therefore, we propose the following change to this item to simplify procedures:

*'Given the significant uncertainty about blasting impacts in this area we believe that consideration should also be given to requiring the proponent to submit a blast management plan **that addresses each** 'sensitive location' identified in the BVR.'*

Dot Point 2 Conservative Blasting Measures

As discussed BHOP recognises there is a level of uncertainty regarding underground conditions and therefore blasting requirements in the area of the Zinc Lodes given the complexity of geology in Broken Hill and the limited geotechnical data available. BHOP plans to drill the area gaining to confirm geological conditions as mining progresses in this area.

Therefore BHOP agrees with the need for a conservative approach to blasting parameters to enable these learnings to progress as mining continues. However, BHOP requests that this approach is limited to production blasting (cut & fill and benching) and not development blasting. BHOP have undertaken development blasting in Block 8 adjacent to Block 7 where the Zinc Lodes are located and has achieved very low blasting results (taken from the Silver Tank as the closest located blast monitor) ranging from 0.07 to 0.28 mm/s over a 3 month period, refer attached results.

Therefore BHOP suggests the following:

"When blasting commences in any new 'Blast Location' and any new 'Sensitive Location' as identified in the BVR the most conservative blast parameters for production blasting (cut & fill, and benching) as identified in the BVR are to be used until such time as it can be demonstrated that there are no adverse impacts on sensitive receptors and an estimate of blast vibration levels that are acceptable for community amenity can be determined."

Can you please consider these changes.

regards

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