

Colin Phillips - RE: Roseville West Pit Permanent Perimeter bunds.

From: Tony Dwyer <Tony.Dwyer@stratfordcoal.com.au>
To: Colin Phillips <Colin.Phillips@planning.nsw.gov.au>
Date: Monday, 22 July 2013 4:14 PM
Subject: RE: Roseville West Pit Permanent Perimeter bunds.
Attachments: Figure 5-1.pdf

Colin,

The Stratford Extension Project Environmental Impact Statement (EIS) describes the Roseville West Pit Extension as having a combination of permanent perimeter bunding, bund/embankment walls and a visual/acoustic bund.

The general location and length of the Roseville West Pit Extension permanent perimeter bunding and bund/embankment wall is shown in Figure 5-1 of the EIS. The permanent perimeter bunding and bund/embankment wall lengths have been estimated at 2.6 km and 1 km, respectively. The bund/embankment wall would be constructed to a height of approximately 116 m AHD at the northern end of the Roseville West Pit Extension in order to confine the final void waterbody in the event of an extreme wet climatic scenario (Section 5.3.8 of the EIS). The bund/embankment wall would subject to engineered design and would be constructed of compacted earthfill.

In addition, Section B5.2 of the Surface Water Assessment (Appendix B of the EIS) notes that potential for flooding during the Project to impact on mine infrastructure would be managed through the construction of levees around mine infrastructure including open cuts (e.g. to the height of a 100-year ARI peak flow flood level).

Section 4.1 of the Visual Assessment (Appendix O of the EIS) notes that the acoustic/visual bund will be constructed to a height of approximately 6 m from natural surface. The acoustic/visual bund location is shown on Figure 2-9 of the EIS.

Please call should you have any further queries.

Regards,

Tony Dwyer
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From: Colin Phillips [mailto:Colin.Phillips@planning.nsw.gov.au]
Sent: Thursday, 18 July 2013 12:47 PM
To: Tony Dwyer
Subject: Roseville West Pit Permanent Perimeter bunds.

Tony,

I would be grateful if you would direct me to where I can find the information in the EIS on the proposed dimensions of the Roseville West Pit permanent perimeter bunds - ie how high? how wide? how long?

Regards

Colin Phillips
Environmental Planning Officer
Mining & Extractive Industries Team
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