

Attachment 1 to Statement 523

Change to Proposal

Proposal: Yandicoogina Iron Ore Mine & Railway, 90 kilometres North-West of Newman, Hamersley Range

Proponent: Hamersley Iron Pty Ltd

Change: Increase of dewatering cap to 12 GL/a – s45C change to proposal

Approved Key Characteristics Table:

Aspect	Project (initial mining area)	Mining Area Extension	Variation from Project (initial mining area)
Length of CID to be mined	SL 12.2km to SL 15.0km	SL 15.0km to a point 750m beyond SL 19.0km (equivalent to 19.75km)	Additional 4.75km
Area of CID to be mined	300ha	375ha *	Additional 375ha *
Initial mining rate	About 8Mt/a, increasing to design capacity of 15Mt/a	About 15MT/a, maintaining design capacity	No change
Ore reserve to be mined	140Mt	160Mt, bringing total to 300Mt	Additional 160Mt
Estimated mine life	15-20 years	25-30 years	Additional 10-15 years
Mine pit profile	About 65m deep, 40m below pre-mine watertable	About 65m deep; 40m below pre-mine watertable	No change
Dewatering requirements	Initial: 30ML/d Maintenance: 10-15ML/d	Initial: 15-20ML/d Maintenance: 10-15ML/d	Initial - lower Maintenance - same
Volume of dewatering used	5ML/d	5ML/d	No change
Number of dewatering borefields	Two: - a Permanent borefield - a Sacrificial borefield	Three: - an existing Permanent Borefield - a new Permanent Borefield on Phils Creek CID - a new Sacrificial borefield in the main CID	An additional Permanent borefield and a replacement Sacrificial borefield in the CID
Proportion of waste material backfilled (versus out-of-pit)	100% (after first three years, all waste reports as backfill, with out-of-pit waste used as backfill upon mine closure)	100% (waste reports as backfill from commencement of mining or is stockpiled and returned as backfill later)	No change
Proportion of mine void to be filled with overburden	About 50%	About 50%	No change
Mine infrastructure requirements	Refer CER (1995) and Section 1.2 and Figure 1.2 of the Section 46 Environmental Review document # >	Utilise existing infrastructure until additional ore processing plant (or re-location of existing one) needed. Some new haul roads also. # >	Additional or re-located ore processing plant. More haul roads. # >

* Original approval for 300ha of disturbance granted 1 October 1999, amended to expand existing waste rock dump area by 38ha, develop a new waste rock dump with an area of 22ha, and develop two stockpile areas with a combined footprint of approximately 15ha, approved on 25 February 2005.

Original approval for site infrastructure granted 1 October 1999, amended to include a new heavy vehicle workshop, administration offices, training room, warehouse, expansion of permanent village, expansion of construction camp, upgrade of sewerage treatment plant, expansion of effluent spray areas, upgrade of substations at both the tertiary crushing and screening facilities, explosive magazine facility, power distribution infrastructure, and re-alignment of the road from the airstrip to Junction central, approved 25 February 2005.

> Original approval for site access road granted July 1996, subsequent expansion approval granted on 1 October 1999, and a change to description of the site access road in the Consultative Environmental Review for Statement 417 and to Schedule 1 of Statement 523, approved 12 May 2006.

Amended Key Characteristics Table:

Aspect	Project (initial mining area)	Mining Area Extension	Variation from Project (initial mining area)
Length of CID to be mined	SL 12.2km to SL 15.0km	SL 15.0km to a point 750m beyond SL 19.0km (equivalent to 19.75km)	Additional 4.75km
Area of CID to be mined	300ha	375ha *	Additional 375ha *
Initial mining rate	About 8Mt/a, increasing to design capacity of 15Mt/a	About 15MT/a, maintaining design capacity	No change
Ore reserve to be mined	140Mt	160Mt, bringing total to 300Mt	Additional 160Mt
Estimated mine life	15-20 years	25-30 years	Additional 10-15 years
Mine pit profile	About 65m deep, 40m below pre-mine watertable	About 65m deep; 40m below pre-mine watertable	No change
Dewatering requirements	12 giga litres per annum dewatering for initial and extension mining area combined. The sum total of abstraction for both Yandi Junction Central (Statement 523) & Junction South East (Statement 695) mines should not exceed 35 giga litres per annum.	12 giga litres per annum dewatering for initial and extension mining area combined. The sum total of abstraction for both Yandi Junction Central (Statement 523) & Junction South East (Statement 695) mines should not exceed 35 giga litres per annum.	Removed – dewatering initial and maintenance phases no longer differentiated.
Volume of dewatering used	5ML/d	5ML/d	No change
Number of dewatering borefields	Two: - a Permanent borefield - a Sacrificial borefield	Three: - an existing Permanent Borefield - a new Permanent Borefield on Phils Creek CID - a new Sacrificial borefield in the main CID	An additional Permanent borefield and a replacement Sacrificial borefield in the CID
Proportion of waste material backfilled (versus out-of-pit)	100% (after first three years, all waste reports as backfill, with out-of-pit waste used as backfill upon mine closure)	100% (waste reports as backfill from commencement of mining or is stockpiled and returned as backfill later)	No change
Proportion of mine void to be filled with overburden	About 50%	About 50%	No change
Mine infrastructure requirements	Refer CER (1995) and Section 1.2 and Figure 1.2 of the Section 46 Environmental Review document #>	Utilise existing infrastructure until additional ore processing plant (or re-location of existing one) needed. Some new haul roads also. #>	Additional or re-located ore processing plant. More haul roads. #>

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Dr Paul Vogel
CHAIRMAN
Environmental Protection Authority
under delegated authority

Approval date: 16/7/09