

APPENDIX D DEFINITION OF TERMS

Term	Definition	Figure
Revised Proposal	A revision on the currently approved Proposal, as reported in EPA Bulletin 1209, in November 2005. This document is the Revised Proposal, which will enable Worsley to continue existing mining operations in addition to the proposed changes, as outlined in Section 1.3. A history of this Revised Proposal is provided in Section 1.2.2.	N/A
Maximum Disturbance Allowance	<p>Maximum Disturbance Allowance represent maximum disturbance (with specific separate Maximum Allowance for native vegetation clearing) assessed within their corresponding Development Envelopes.</p> <p>To develop the Maximum Disturbance Allowance, the entire baseline has been considered, then avoidance areas removed, and a worst-case scenario (in terms of maximum native vegetation clearing) has then been adopted, in order to inform a conservative environmental impact assessment.</p> <p>An Indicative Disturbance Footprint (IDF) is used as an assessment tool to determine the Maximum Disturbance Allowance for each Development Envelope (WMDE, BTC and CBME).</p> <p>All Indicative Disturbance Footprints are based on the mine plan and bauxite reserve information at the time of submission. It should be noted the actual footprint is subject to change based on future detailed geological investigations and mine planning. Native vegetation clearing will occur up to the defined clearing allocations outlined in Table 1 3.</p>	N/A
<i>Boddington Bauxite Mine</i>		
Worsley Mining Development Envelope (WMDE)	The WMDE is a revised mining envelope that replaces the previous development envelope known as the 'Pre-existing Approval Area' and allows for additional mining areas at the BBM.	Figure 1 1
WMDE Indicative Disturbance Footprint	The indicative area used to determine Maximum Disturbance Allowance and inform the impact assessment in the WMDE, including mining and associated infrastructure. The WMDE Indicative Disturbance Footprint may occur anywhere within the WMDE.	Figure 4 2

Term	Definition	Figure
Bauxite Transport Corridor (BTC)	The BTC is a corridor where a conveyor route, haul road and other supporting infrastructure will be developed. The development of the BTC will provide a connection from the Marradong area to the Hotham North, Nullaga and Central North mining areas. The majority of the BTC overlaps the WMDE.	Figure 1 1
BTC Indicative Disturbance Footprint	The indicative area used to determine Maximum Disturbance Allowance and inform the impact assessment within the BTC, including the development of bauxite transport routes and associated infrastructure. The BTC Indicative Disturbance Footprint may occur anywhere within the BTC.	Figure 1 1
Pre-existing Approval Area	<p>Variations of the PBA have been approved over the history of the mine. The most recent approved PBA area is 22,105 ha in the 2005 Environmental Review and Management Programme (Ministerial Statement (MS) 719). For the purposes of taking a conservative approach, the innermost of the historical boundaries have been selected to inform the environmental impact assessment.</p> <p>An area of 5,263 ha of clearing has been approved within the PBA under the 1995 Consultative Environmental Review and MS 719. At the time of submission, 942 ha of clearing is still to be undertaken. The majority of this clearing is expected to be completed by the time a new ministerial statement is issued.</p> <p>The remaining 942 ha clearing allocation has already been approved under previous mechanisms. The allocation occurs within both the PBA and the WMDE Indicative Disturbance Footprint, and therefore has been subject to recent biological surveys. This Proposal does not seek re-approval to clear the existing 942 ha clearing allocation and does not include the 942 ha in residual clearing impact calculations.</p>	Section 1.2
Worsley Refinery		
Contingency Bauxite Mining Envelope (CBME)	The CBME is a development envelope within the existing Refinery Lease Area, where it is proposed that contingency bauxite mining activities will occur.	Figure 1 3

Term	Definition	Figure
Refinery Lease Area	The Refinery Lease Area is a 2,500 ha leased area which includes the Worsley Refinery and associated infrastructure. The CBME is within the wider Refinery Lease Area.	Figure 1 3
CBME Indicative Disturbance Footprint	The indicative area used to determine Maximum Disturbance Allowance and inform the impact assessment within the CBME, including mining and maintenance activities. The CBME Indicative Disturbance Footprint may occur anywhere within the CBME.	Figure 4 2
Primary Assessment Area		
Primary Assessment Area (PAA)	The three development envelopes together (WMDE, BTC and CBME) are referred to as the Primary Assessment Area.	Figure 4 2
PAA Indicative Disturbance Footprint	<p>All Indicative Disturbance Footprints (WMDE, BTC and CBME) are collectively referred to as the Primary Assessment Area Indicative Disturbance Footprint. There is no overlap of the WMDE, BTC and CBME Indicative Disturbance Footprints.</p> <p>The PAA Indicative Disturbance Footprint is used as an assessment tool for defining potential impacts, and is subject to change as per the WMDE, BTC and CBME Indicative Disturbance Footprints.</p> <p>The PAA Indicative Disturbance Footprint is used to determine the Maximum Disturbance Allowance for the Revised Proposal.</p>	Figure 4 2