

ALCOA — BAUXITE

1451. Hon Dr Brad Pettitt to the minister representing the Minister for State and Industry Development, Jobs and Trade:

With respect to Alcoa in Australia, and its subsidiaries and associated companies, and their bauxite mining operations in Western Australia, I ask:

- (a) for each of Alcoa's Huntly and Willowdale mines, how many hectares of native forest have been cleared in each of the years 2020, 2021 and 2022;
- (b) for each of Alcoa's Huntly and Willowdale mines, how many hectares of areas previously classified as rehabilitated have been cleared in each of the years 2020, 2021 and 2022;
- (c) for each of Alcoa's Huntly and Willowdale mines, how many hectares were classified as rehabilitated in each of the years 2020, 2021 and 2022;
- (d) for each of Alcoa's Huntly and Willowdale mines, how many tonnes of bauxite were produced in each of the years 2020, 2021 and 2022;
- (e) for each of Alcoa's Huntly and Willowdale mines, how many tonnes of bauxite were exported in each of the years 2020, 2021 and 2022;
- (f) for the most recently approved Mining and Management Program what are the planned clearing rates in hectares for each of the Huntly and Willowdale mine sites for each of the five years of the plan;
- (g) for the most recently approved Mining and Management Program what is the approved or expected bauxite production from each of the Huntly and Willowdale mine sites for each of the five years of the plan;
- (h) for each of Alcoa's three refineries Kwinana, Pinjarra and Wagerup what has been the annual bauxite residue production in millions of tonnes for each of the years 2020, 2021 and 2022;
- (i) for each of Alcoa's three refineries Kwinana, Pinjarra and Wagerup what has been the annual alumina production in millions of tonnes for each of the years 2020, 2021 and 2022;
- (j) for each of Alcoa's three refineries Kwinana, Pinjarra and Wagerup what is the current footprint of residue disposal areas; and
- (k) what has been the royalty income received from Alcoa for each of the years 2020, 2021 and 2022?

Hon Stephen Dawson replied:

(a)

Clearing (Hectares)		
Year	Huntly	Willowdale
2020	530	293
2021	290	182
2022	238	141

(b)

Clearing of previously rehabilitated areas (Hectares)		
Year	Huntly	Willowdale*
2020	0	3.7
2021	11.5	9.5
2022	0	0

*Alcoa's estimated values

(c)

Classified as rehabilitated (Hectares)		
Year	Huntly	Willowdale
2020	484	138
2021	361	220
2022	384	124

(d)

Bauxite production (million dry tonnes)		
Year	Huntly	Willowdale
FY2020	27.3	10.6
FY2021	27.5	10.5
FY2022	24.6	9.7

*Reported figures only available in financial years.

(e)

Bauxite exported (million dry tonnes)		
Year	Huntly	Willowdale
FY2020	2.1	0.0
FY2021	1.2	0.0
FY2022	0.0	0.0

(f)

21 – 25 MMP – planned clearing rates (hectares)		
Year	Huntly	Willowdale
2021	371	161
2022	479	222
2023	586	192
2024	474	196
2025	69	162

(g)

21 – 25 MMP – approved bauxite production (million dry tonnes)		
Year	Huntly	Willowdale
2021	25.9	9.6
2022	23.7	9.8
2023	23.9	10.4
2024	24.4	11.1
2025	24.5	11.2

(h)

Bauxite Residue Production (Million tonnes by year)			
Year	Kwinana	Pinjarra	Wagerup
2020	4.41	9.05	5.63
2021	4.59	8.90	5.47
2022	4.20	8.66	5.05

(i) Alcoa has not consented to the public release of disaggregated values for individual refineries on the basis of commercial in confidence. The following values are aggregated across all three refineries.

Alumina Production (Million tonnes by year)	
Year	Alcoa
2020	9.73
2021	9.58
2022	8.98

(j)

Footprint (as at June 2023, Hectares)	Kwinana*	Pinjarra	Wagerup
Including water ponds	488	920	631
Residue Storage Areas only	346	740	459

* Excludes the retired ABC Residue Storage Areas located adjacent to the Perth Motorplex on Anketell Rd.

(k)

In accordance with Regulation 95A and Regulation 96(2) of the Mining Regulations 1981, Government does not release statistics such that information in respect of a particular person or mining operation can be ascertained.