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Environmental Monitoring Report – Deposited Dust Monitoring Data

Beryl Quarry

May 2024

Date Published: 5th August 2024

This monitoring report is to satisfy the requirements of Section 66 (6) of the Protection of the Environment and Operations Act 1997, to make available, within 14 days of obtaining any monitoring data that relates to pollution under an Environment Protection Licence.

The monitoring of pollutants provided in this report is undertaken as per the requirements of Environment Protection Licence 3630 (EPL 3630 – Boral Beryl Quarry).

Beryl Quarry Information	
Premise Details	Boral – Beryl Quarry
Address	Springridge Road, Beryl, NSW 2852
Licensee	Boral Resources (Country) Pty Ltd
EPL No	3630
EPL Location	http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=31229&SYSUID=1&LICID=3630
Date of dataset update	5/08/2024

Monitoring data in this report relates to the monitoring undertaken in the reporting period for the following environmental pollutants:

- Deposited Dust

Deposited Dust monitoring is conducted as per condition P1 and M2 of EPL 3630.

**Qualifications related to dust monitoring:
Extracted from EPL: 3630**

2 Discharges to Air and Water and Applications to Land

P1 Location of monitoring/discharge points and areas

P1.1 The following points referred to in the table below are identified in this licence for the purposes of monitoring and/or the setting of limits for the emission of pollutants to the air from the point.

<i>Air</i>			
EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Air Emissions Monitoring - Dust Deposition		Dust deposition gauge labelled "Site 1" on the map titled "Boral NSW: Beryl", dated 05 March 2024 located in DOC24/178321
2	Air Emissions Monitoring - Dust Deposition		Dust deposition gauge labelled "Site 2" on the map titled "Boral NSW: Beryl", dated 05 March 2024 located in DOC24/178321
3	Air Emissions Monitoring - Dust Deposition		Dust deposition gauge labelled "Site 3" on the map titled "Boral NSW: Beryl", dated 05 March 2024 located in DOC24/178321

M2 Requirement to monitor concentration of pollutants discharged

M2.1 For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:

M2.2 Air Monitoring Requirements

POINT 1,2,3

Pollutant	Units of measure	Frequency	Sampling Method
Ash	grams per square metre per month	Monthly	AS/NZS 3580.10.1:2016
Insoluble solids	grams per square metre per month	Monthly	AS/NZS 3580.10.1:2016
Soluble matter	grams per square metre per month	Monthly	AS/NZS 3580.10.1:2016
Total solids	grams per square metre per month	Monthly	AS/NZS 3580.10.1:2016

Location	Monitoring Frequency	Pollutant	Measurement	Unit	Comments		
Monitoring Point 1	Monthly- May 2024 (data received 4/7/24)	Ash	0.31	g/m ² /month			
		Insoluble Solids	0.41	g/m ² /month			
		Soluble Matter	0.26	g/m ² /month			
		Total Solids	0.67	g/m ² /month			
Monitoring Point 2		Monthly- May 2024 (data received 4/7/24)	Ash	0.50		g/m ² /month	
			Insoluble Solids	0.55		g/m ² /month	
			Soluble Matter	0.69		g/m ² /month	
			Total Solids	1.24		g/m ² /month	
Monitoring Point 3			Monthly- May 2024 (data received 4/7/24)	Ash		0.74	g/m ² /month
				Insoluble Solids		0.81	g/m ² /month
				Soluble Matter		0.74	g/m ² /month
				Total Solids		1.10	g/m ² /month
Monitoring Point 1	Monthly – April 2024 (data received 11/6/24)			Ash	1.58	g/m ² /month	
				Insoluble Solids	1.74	g/m ² /month	
				Soluble Matter	1.10	g/m ² /month	
				Total Solids	2.84	g/m ² /month	
Monitoring Point 2		Monthly – April 2024 (data received 11/6/24)		Ash	0.49	g/m ² /month	
				Insoluble Solids	1.28	g/m ² /month	
				Soluble Matter	0.89	g/m ² /month	
				Total Solids	2.17	g/m ² /month	
Monitoring Point 3			Monthly – April 2024 (data received 11/6/24)	Ash	2.77	g/m ² /month	
				Insoluble Solids	2.91	g/m ² /month	
				Soluble Matter	0.52	g/m ² /month	
				Total Solids	3.42	g/m ² /month	

Beryl Quarry- Deposited Dust Monitoring Locations



Deposited Dust Monitoring Results - Corrections Log

Details of corrections made to published data due to incorrect or misleading data

Date of data (sample date)	Old published data	Correct updated data	Reason for Update/Correction	Update Person	Date corrected data published	Comments