



**Pollution Monitoring Data - Holcim Albion Park Quarry (EPL Number 122)**

Facility Address	Woollybutt Drive, Albion Park Rail NSW 2527
Link to EPL on Public Register	<a href="https://apps.epa.nsw.gov.au/nrpoapp/Detail.aspx?instid=122&amp;id=122&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/nrpoapp/Detail.aspx?instid=122&amp;id=122&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>
Date Dataset Updated	Wednesday, December 8, 2021
Date Dataset Published	Thursday, December 9, 2021
Licence Reporting Period	1 May 2021 to 30 April 2022

**Air Quality Monitoring - Deposition Results**

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Month Sample Date	June 2021	July 2021	August 2021	September 2021	October 2021	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	
DDM 3 North-Western boundary	Monthly	EPL P1.1	-	4	g/m2/month	Insoluble Solids (Raw Data)	Result	0.2	4.1	0.2	2.0	2.0							
							Pass / Fail	Pass	Fail	Pass	Pass	Pass							
			-	-	g/m2/month	Ash	Result	0.1	0.6	0.1	0.1	0.1							
							Pass / Fail	Pass	Pass	Pass	Pass	Pass							
DDM 4 Croome Road on boundary of Lot 1 DP 74108	Monthly	EPL P1.1	-	4	g/m2/month	Insoluble Solids (Raw Data)	Result	0.3	0.4	0.3	3.1	3.1							
							Pass / Fail	Pass	Pass	Pass	Pass	Pass							
			-	-	g/m2/month	Ash	Result	0.1	0.1	0.2	0.2	0.2							
							Pass / Fail	Pass	Pass	Pass	Pass	Pass							
DDM 5 Kywana homestead	Monthly	EPL P1.1	-	4	g/m2/month	Insoluble Solids (Raw Data)	Result	0.1	2.3	1.2	6.2	6.2							
							Pass / Fail	Pass	Pass	Pass	Fail	Fail							
			-	-	g/m2/month	Ash	Result	0.1	0.2	0.3	0.2	0.2							
							Pass / Fail	Pass	Pass	Pass	Pass	Pass							
DDM 6 West of office	Monthly	EPL P1.1	-	4	g/m2/month	Insoluble Solids (Raw Data)	Result	0.7	1.5	0.5	4.2	4.2							
							Pass / Fail	Pass	Pass	Pass	Fail	Fail							
			-	-	g/m2/month	Ash	Result	0.1	0.1	0.2	0.1	0.1							
							Pass / Fail	Pass	Pass	Pass	Pass	Pass							

**Comments regarding deposition monitoring outcomes**

Comment 1:	Spreadsheet incorrectly formatted. No limits defined in EPL 122. Any increase likely to be caused by AP Bypass Construction Works adjacent to monitor.
Comment 2:	Sample exposed for 65 days as COVID-19 prevented collection and replacement of bottle in September. Result has been averaged by the sampling period, in days, in accordance with AS3580.10.1 and the average presented for both September and October
Comment 3:	

**Surface Water Monitoring Results (Event Based Only)**

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	June 2021	July 2021	August 2021	September 2021	October 2021	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	
Licensed Discharge Point 1	Each Discharge Event	EPL Section L2	6.5	8.5	pH	pH	Result											
							Pass / Fail											
			-	50	mg/L	Suspended Solids	Result											
							Pass / Fail											
			-	NV	V = Visible or NV = None Visible	Total Oil & Grease	Result											
							Pass / Fail											
Licensed Discharge Point 2	Each Discharge Event	EPL Section L2	6.5	8.5	pH	pH	Result											
							Pass / Fail											
			-	50	mg/L	Suspended Solids	Result											
							Pass / Fail											
			-	NV	V = Visible or NV = None Visible	Total Oil & Grease	Result											
							Pass / Fail											

Comments regarding deposition monitoring outcomes	
Comment 1:	
Comment 2:	
Comment 3:	

### Rainfall Monitoring Results

Location	Frequency	Source	Unit	Total Rainfall YTD
EPA Point 4	Daily	Gauge	mm	

  

Month	May 2021	June 2021	July 2021	August 2021	September 2021	October 2021	November 2021	January 2022	February 2022	March 2022	April 2022
Total Rainfall (mm)											
Rainy Days											
Av. Rainfall / Event (mm)											
Events >90mm (5 Days)											

### Blast Monitoring Results

Note: DNT = Did Not Trigger with monitoring equipment set at a trigger point of 108 dB for Over Pressure and 0.3 mm/s for Ground Vibration

#### Blast Monitoring Results - YTD 2021

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	13/05/2021	03/06/2021	08/06/2021	22/06/2021						
TBA	Per Blast	EPL Section L3	-	115	dB (Lin Peak)	Result	100.7	110	106	107.8						
						Pass / Fail	Pass	Pass	Pass	Pass						
			-	5	mm/s	Result	0.39	0.07	0.45	0.08						
						Pass / Fail	Pass	Pass	Pass	Pass						

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description													
TBA	Per Blast	EPL Section L3	-	115	dB (Lin Peak)	Result													
						Pass / Fail													
			-	5	mm/s	Result													
						Pass / Fail													

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description													
TBA	Per Blast	EPL Section L3	-	115	dB (Lin Peak)	Result													
						Pass / Fail													
			-	5	mm/s	Result													
						Pass / Fail													

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description													
TBA	Per Blast	EPL Section L3	-	115	dB (Lin Peak)	Result													
						Pass / Fail													
			-	5	mm/s	Result													
						Pass / Fail													

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	
TBA	Per Blast	EPL Section L3	-	115	dB (Lin Peak)	Result	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	
						Pass / Fail	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
			-	5	mm/s	Result	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
						Pass / Fail	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!

Comments regarding deposition monitoring outcomes																		
#REF!	#REF!																	
#REF!	#REF!																	
#REF!	#REF!																	
#REF!	#REF!																	
#REF!	#REF!																	
#REF!	#REF!																	
#REF!	#REF!																	

### Annual Blast Monitoring Results (YTD)

**Note** Annual blast monitoring outcomes are based on the dataset for the whole reporting period. Results disclosed below represent an incomplete dataset and should be considered as an indicator of year to date performance that is likely to change.

Annual Blast Monitoring - Over Pressure (High Range)	
Blast Count	#REF!
YTD Over Pressure in High Range (115 - 120 dBL)	#REF!
% Over Pressure in High Range (115 - 120 dBL)	#REF!
Annual Over Pressure (Pass / Fail)	TBA

Annual Blast Monitoring - Over Pressure (Maximum Allowable)	
Blast Count	#REF!
YTD Over Pressure Exceeding Maximum Allowable (120 dBL)	#REF!
% Over Pressure Exceeding Maximum Allowable (120 dBL)	#REF!
Annual Over Pressure (Pass / Fail)	TBA

Annual Blast Monitoring - Ground Vibration (High Range)	
Blast Count	#REF!
YTD Ground Vibration in High Range (5 - 10 mm/s)	#REF!
% Ground Vibration in High Range (5 - 10 mm/s)	#REF!
Annual Ground Vibration (Pass / Fail)	TBA

Annual Blast Monitoring - Ground Vibration (Maximum Allowable)	
Blast Count	#REF!
YTD Ground Vibration Exceeding Maximum Allowable (10 mm/s)	#REF!
% Ground Vibration Exceeding Maximum Allowable (10 mm/s)	#REF!
Annual Ground Vibration (Pass / Fail)	TBA