



**Pollution Monitoring Data - Holcim Jandra Quarry (EPL Number 2796)**

Facility Address	Pacific Highway, Possum Brush, NSW 2430
Link to EPL on Public Register	<a href="https://apps.epa.nsw.gov.au/prpceapp/Detail.aspx?instid=2796&amp;id=2796&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;pr=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpceapp/Detail.aspx?instid=2796&amp;id=2796&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;pr=no&amp;status=Issued</a>
Date Dataset Updated	
Date Dataset Published	Monday, 15 July 2024

**Air Quality Monitoring - Hi Volume Sampler Results**

Note(s) DNT = Did Not Trigger

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description						
HVAS1	24hr average (every 6 days)	EPL	-	50	µg/m3	Particulate Matter < 10 µm (PM10)						
Month	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024	Nov 2024	Dec 2024
Result (Mean)	9.3	9.9	6.4	5.0	1.8	1.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Comments regarding Hi Volume monitoring outcomes at HVAS 1												
Comment 1:												
Comment 2:												
Comment 3:												

  

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description						
HVAS2	24hr average (every 6 days)	EPL	-	50	µg/m3	Particulate Matter < 10 µm (PM10)						
Month	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024	Nov 2024	Dec 2024
Result (Mean)												
Pass / Fail												
Comments regarding Hi Volume monitoring outcomes at HVAS 1												
Comment 1:												
Comment 2:												
Comment 3:												

**Air Quality Monitoring - Deposition Results**

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024	Nov 2024	Dec 2024
							Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
EPA 18 Jandra D1 Northern Boundary	Monthly	EPL Section P1	-	4	mg/m2/month	Insoluble Solids	Result											
							Pass / Fail											
EPA 19 Jandra D2 Southern Boundary	Monthly	EPL Section P1	-	4	mg/m2/month	Insoluble Solids	Result											
							Pass / Fail											
EPA 20 Jandra D3 Eastern Boundary	Monthly	EPL Section P1	-	4	mg/m2/month	Insoluble Solids	Result											
							Pass / Fail											
EPA 21 Jandra D4 Western Boundary	Monthly	EPL Section P1	-	4	mg/m2/month	Insoluble Solids	Result											
							Pass / Fail											
Comments regarding deposition monitoring outcomes																		
Comment 1:	Not required under current EPL																	
Comment 2:																		
Comment 3:																		

**Noise Monitoring Results**

Source	Location	Location	Lower Limit	Upper Limit	Unit	Description	Q1	Q2	Q3	Q4	
							Sample Date	Sample Date	Sample Date	Sample Date	
EPL Section L4.2	Annual	EPA Point 13 Monitoring Location	-	46	dB	L <sub>Aeq</sub> (15 min) Day	Result				
						Pass / Fail					
						L <sub>Aeq</sub> (15 min) Morning Shoulder	Result				
						Pass / Fail					
-	48	dB	LA1 (1 min) Morning Shoulder	Result							
				Pass / Fail							
Source	Location	Location	Lower Limit	Upper Limit	Unit	Description	Q1	Q2	Q3	Q4	
							Sample Date	Sample Date	Sample Date	Sample Date	
				42	dB	L <sub>Aeq</sub> (15 min)	Result	<36			

EPL	Source	Location	Location	Lower Limit	Upper Limit	Unit	Description	Q1	Q2	Q3	Q4
Section L4.2	Annual	EPA Point 14 Monitoring Location	-	50	dB	LAeq (15 min) Morning Shoulder	Pass / Fail				
				51	dB	LA1 (1 min) Morning Shoulder	Pass / Fail				
Source	Location	Location	Lower Limit	Upper Limit	Unit	Description	Q1	Q2	Q3	Q4	
Section L4.2	Annual	EPA Point 15 Monitoring Location	-	50	dB	LAeq (15 min) Day	Result	<36			
				51	dB	LAeq (15 min) Morning Shoulder	Pass / Fail				
				51	dB	LA1 (1 min) Morning Shoulder	Pass / Fail				
Source	Location	Location	Lower Limit	Upper Limit	Unit	Description	Q1	Q2	Q3	Q4	
Section L4.2	Annual	EPA Point 16 Monitoring Location	-	43	dB	LAeq (15 min) Day	Result	<29			
				48	dB	LAeq (15 min) Morning Shoulder	Pass / Fail				
				48	dB	LA1 (1 min) Morning Shoulder	Pass / Fail				
Source	Location	Location	Lower Limit	Upper Limit	Unit	Description	Q1	Q2	Q3	Q4	
Section L4.2	Annual	EPA Point 17 Monitoring Location	-	50	dB	LAeq (15 min) Day	Result	<28			
				46	dB	LAeq (15 min) Morning Shoulder	Pass / Fail				
				48	dB	LA1 (1 min) Morning Shoulder	Pass / Fail				
Comments regarding noise monitoring outcomes											
Comment 1:	Required annually under current EPL conditions										
Comment 2:											
Comment 3:											

### Blast Monitoring Results

Note(s)	DNT <(X)dB = Did Not Trigger with monitoring equipment set at a trigger point of "X"dB
	DNT <(X)mm/s = Did Not Trigger with monitoring equipment set at a trigger point of "X"mm/s

### Blast Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Date	26/03/2024	19/04/2024	08/05/2024	05/07/2024																								
EPA Point 2 Receiver Location R2	Per Blast	EPL Section P1.4 Section L5	-	115	dB (Lin Peak)	Over Pressure	Result	84.0	100.1	102.2																									
			Pass / Fail	Pass	Pass	Pass																													
			-	5	mm/s	Ground Vibration	Result	1.3	1.4	0.8																									
			Pass / Fail	Pass	Pass	Pass																													
EPA Point 3 Receiver Location R4	Per Blast	EPL Section P1.4 Section L5	-	115	dB (Lin Peak)	Over Pressure	Result	107.4	105.2	112.8																									
			Pass / Fail	Pass	Pass	Pass																													
			-	5	mm/s	Ground Vibration	Result	0.2	0.2	0.2																									
			Pass / Fail	Pass	Pass	Pass																													

Note:	If the blast did not trigger the monitor enter DNT into the table as the result
Over Pressure Monitor Trigger Setting	115 dB
Ground Vibration Monitor Trigger Setting	5 mm/s





