



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

Facility Address	Pacific Highway, Possum Brush, NSW 2430
Link to EPL on Public Register	https://apps.epa.nsw.gov.au/pppoeoapp/Detail.aspx?instid=2796&id=2796&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued
Date Dataset Updated	12/08/2022
Date Dataset Published	Friday, August 12, 2022

Air Quality Monitoring - Hi Volume Sampler Results

Note(s) DNT = Did Not Trigger

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description
HVAS1	average(every 6	EPL	-	50	µg/m3	Particulate Matter < 10 µm (PM10)
Month	Jan 2022	Jan 2022	Jan 2022	Jan 2022	Jan 2022	
Result (Mean)	14.2	18.3	21	16.2	12.8	0.0 0.0 0.0 0.0 0.0
Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass Pass Pass Pass Pass
Comments regarding Hi Volume monitoring outcomes at HVAS 1						
Comment 1:	0					
Comment 2:	0					
Comment 3:						

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description
HVAS2	average(every 6	EPL	-	50	µg/m3	Particulate Matter < 10 µm (PM10)
Month	Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	Jun 2022 Jul 2022 Aug 2022 Sep 2022 Oct 2022 Nov 2022 Dec 2022
Result (Mean)		0	0	0	0	0 0 0 0 0 0 0
Pass / Fail						
Comments regarding Hi Volume monitoring outcomes at HVAS 1						
Comment 1:	0					
Comment 2:	0					
Comment 3:						

Air Quality Monitoring - Deposition Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Jan 2022 Date	Feb 2022 Date	Mar 2022 Date	Apr 2022 Date	May 2022 Date	Jun 2022 Date	Jul 2022 Date	Aug 2022 Date	Sep 2022 Date	Oct 2022 Date	Nov 2022 Date	Dec 2022 Date
dra D1Northern	Monthly	EPLSection P1	-	4	mg/m2/month	InsolubleSolids	Result	0.5	1.1	0.6	0.4	0	0	0	0	0	0	0
							Pass / Fail	Pass	Pass	Pass	Pass							
dra D2Southern	Monthly	EPLSection P1	-	4	mg/m2/month	InsolubleSolids	Result	3.2	1.8	No Result ?	No Result ?	0	0	0	0	0	0	0
							Pass / Fail	Pass	Pass	Fail	Fail							
dra D3Eastern	Monthly	EPLSection P1	-	4	mg/m2/month	InsolubleSolids	Result	0.1	7.6	0.5	0.6	0	0	0	0	0	0	0
							Pass / Fail	Pass	Fail	Pass	Pass							
dra D4Western	Monthly	EPLSection P1	-	4	mg/m2/month	InsolubleSolids	Result	0.6	0.9	1.2	2.9	0	0	0	0	0	0	0
							Pass / Fail	Pass	Pass	Pass	Pass							

Comments regarding deposition monitoring outcomes																		
Comment 1:	DUST Sentry device in place. Monitoring is every 24 hours. Coefficient factor is calculated for reading every 6 days.																	
Comment 2:	0																	
Comment 3:	0																	

Noise Monitoring Results

Source	Location	Location	Lower Limit	Upper Limit	Unit	Description	Q1 30.03.2021	Q2	Q3 Sample Date	Q4 Sample Date
PLSection L4 .2	Annual	13 Monitoring L	-	46	dB	Aeq (15 min)Day	Result <36 Pass / Fail	Pass		
			-	44	dB	5 min)Moming S	Result <36 Pass / Fail	Pass		
			-	48	dB	min)Moming Sh	Result <36 Pass / Fail			

Source	Location	Location	Lower Limit	Upper Limit	Unit	Description	Q1 30.03.2021	Q2	Q3 Sample Date	Q4 Sample Date
PLSection L4 .2	Annual	14 Monitoring L	-	52	dB	Aeq (15 min)Day	Result <36 Pass / Fail	Pass		
			-	50	dB	5 min)Moming S	Result <36 Pass / Fail	Pass		
			-	51	dB	min)Moming Sh	Result <36 Pass / Fail			

Source	Location	Location	Lower Limit	Upper Limit	Unit	Description	Q1 30.03.2021	Q2	Q3 Sample Date	Q4 Sample Date
PLSection L4 .2	Annual	15 Monitoring L	-	50	dB	Aeq (15 min)Day	Result <40 Pass / Fail	Pass		
			-	51	dB	5 min)Moming S	Result <40 Pass / Fail	Pass		
			-	51	dB	min)Moming Sh	Result <40 Pass / Fail			

Source	Location	Location	Lower Limit	Upper Limit	Unit	Description	Q1 30.03.2021	Q2	Q3 Sample Date	Q4 Sample Date
PLSection L4 .2	Annual	16 Monitoring L	-	43	dB	Aeq (15 min)Day	Result <36 Pass / Fail	Pass		
			-	48	dB	5 min)Moming S	Result <36 Pass / Fail	Pass		
			-	48	dB	min)Moming Sh	Result <36 Pass / Fail			

Source	Location	Location	Lower Limit	Upper Limit	Unit	Description	Q1 30.03.2021	Q2	Q3 Sample Date	Q4 Sample Date
PLSection L4 .2	Annual	17 Monitoring L	-	50	dB	Aeq (15 min)Day	Result <35 Pass / Fail	Pass		
			-	46	dB	5 min)Moming S	Result <35 Pass / Fail	Pass		
			-	48	dB	min)Moming Sh	Result <35 Pass / Fail			

Comments regarding noise monitoring outcomes	
Comment 1:	
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	17/1/2022	27/01/2022	10/03/2022	29/03/2022										
2Receiver Loc	Per Blast	ction P1.4Secti	-	115	dB (Lin Peak)	OverPressure	Result	103.1	119.1	102.6	98.6										
							Pass / Fail	Pass	Fail	Pass	Pass										
			-	5	mm/s	GroundVibration	Result	0.1	2.4	0.76	0.4										
							Pass / Fail	Pass	Pass	Pass	Pass										
3Receiver Loc	Per Blast	ction P1.4Secti	-	115	dB (Lin Peak)	OverPressure	Result														
							Pass / Fail														
			-	5	mm/s	GroundVibration	Result														
							Pass / Fail														

Note: If the blast did not trigger the monitor enter DNT into the table as the result

Over Pressure Monitor Trigger Setting	90	dB
Ground Vibration Monitor Trigger Setting	0.5	mm/s