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/prpoeoapp/Detail.aspx?instid=2796&id=2796&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued
Date Dataset Updated	
Date Dataset Published	Wednesday, 25 October 2023

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 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023
Result (Mean)	15.1	5.4	13.8	8.5	7.7	5.2	5.5	6.8	7.8	12.7	#DIV/0!	#DIV/0!
Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	#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 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023
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 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
EPA 18 Jandra D1 Northern Boundar	Monthly	EPL Section P1	-	4	mg/m2/month	Insoluble Solids	Result												
							Pass / Fail												
EPA 19 Jandra D2 Southern Boundar	Monthly	EPL Section P1	-	4	mg/m2/month	Insoluble Solids	Result												
							Pass / Fail												
EPA 20 Jandra D3 Eastern Boundar	Monthly	EPL Section P1	-	4	mg/m2/month	Insoluble Solids	Result												
							Pass / Fail												
EPA 21 Jandra D4 Western Boundar	Monthly	EPL Section P1	-	4	mg/m2/month	Insoluble Solids	Result												
							Pass / Fail												

Comments regarding deposition monitoring outcomes

Comment 1:	DUST Sentry device in place.. Monitoring is every 24 hours. Coefficeient factor is calcluated for reading every 6 days.
Comment 2:	
Comment 3:	

Noise Monitoring Results

Source	Location	Location	Lower Limit	Upper Limit	Unit	Description		Q1 30.03.2021	Q2	Q3 Sample Date	Q4 Sample Date
EPL Section L4 .2	Annual	EPA Point 13 Monitoring Locatior	-	46	dB	LAeq (15 min) Day	Result				
							Pass / Fail	Pass			
			-	44	dB	LAeq (15 min) Morning Shoulder	Result				
							Pass / Fail	Pass			
			-	48	dB	LA1 (1 min) Morning Shoulder	Result				
							Pass / Fail				

Source	Location	Location	Lower Limit	Upper Limit	Unit	Description		Q1 30.03.2021	Q2	Q3 Sample Date	Q4 Sample Date
			-	52	dB	LAeq (15 min)	Result				

EPL Section L4 .2	Annual	EPA Point 14 itoring Locatior	-	52	dB	Day	Pass / Fail	Pass			
			-	50	dB	LAeq (15 min) Morning Shoulder	Result				
							Pass / Fail	Pass			
			-	51	dB	LA1 (1 min) Morning Shoulder	Result				
							Pass / Fail				

Source	Location	Location	Lower Limit	Upper Limit	Unit	Description		Q1 30.03.2021	Q2	Q3 Sample Date	Q4 Sample Date
EPL Section L4 .2	Annual	EPA Point 15 itoring Locatior	-	50	dB	LAeq (15 min) Day	Result				
							Pass / Fail	Pass			
			-	51	dB	LAeq (15 min) Morning Shoulder	Result				
							Pass / Fail	Pass			
			-	51	dB	LA1 (1 min) Morning Shoulder	Result				
							Pass / Fail				

Source	Location	Location	Lower Limit	Upper Limit	Unit	Description		Q1 30.03.2021	Q2	Q3 Sample Date	Q4 Sample Date
EPL Section L4 .2	Annual	EPA Point 16 itoring Locatior	-	43	dB	LAeq (15 min) Day	Result				
							Pass / Fail	Pass			
			-	48	dB	LAeq (15 min) Morning Shoulder	Result				
							Pass / Fail	Pass			
			-	48	dB	LA1 (1 min) Morning Shoulder	Result				
							Pass / Fail				

Source	Location	Location	Lower Limit	Upper Limit	Unit	Description		Q1 30.03.2021	Q2	Q3 Sample Date	Q4 Sample Date
EPL Section L4 .2	Annual	EPA Point 17 itoring Locatior	-	50	dB	LAeq (15 min) Day	Result				
							Pass / Fail	Pass			
			-	46	dB	LAeq (15 min) Morning Shoulder	Result				
							Pass / Fail	Pass			
			-	48	dB	LA1 (1 min) Morning Shoulder	Result				
							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	17/01/2023	24/01/2023	03/03/2023	30/03/2023	18/04/2023	28/04/2023	06/06/2023	21/06/2023	19/07/2023	28/07/2023	07/08/2023	12/09/2023	45187.0
EPA Point 2 Receiver Location R2	Per Blast	EPL Section P1.4 Section L5	-	115	dB (Lin Peak)	Over Pressure	Result	85.4	97.4	85.4	103.0	103.4	100.2	100.2	101.0	104.5	No trigger letter	96.9	94.0	96.0
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass		Pass	Pass	Pass
			-	5	mm/s	Ground Vibration	Result													
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Fail	Pass	Pass	Pass		Pass	Pass	Pass
EPA Point 3 Receiver Location R4	Per Blast	EPL Section P1.4 Section L5	-	115	dB (Lin Peak)	Over Pressure	Result													
							Pass / Fail													
			-	5	mm/s	Ground Vibration	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