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=IDeEO%20licence&prp=no&status=Issued
Date Dataset Updated	08/12/2021
Date Dataset Published	Thursday, December 9, 2021

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			Particula	ate Matter < 10 µr	n (PM10)		
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Result (Mean)	14.0	19.1	16.3	13.8	11.0	10.3	12.2	12.7	18.2	12.4		
Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass		
				Comn	nents regarding H	i Volume monitori	ing outcomes at H	IVAS 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			Particula	ate Matter < 10 µr	n (PM10)		
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Result (Mean)	No result											
	-	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Pass / Fail				Comn	nents regarding H	i Volume monitori	ing outcomes at H	IVAS 1				
Pass / Fail												
Pass / Fail Comment 1:												

Air Quality Monitoring - Deposition Results

Location	Engeneration	Course	Lower Limit	linner i insit	Unit	Descr	inting	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	Frequency	Source	Lower Limit	Upper Limit	Unit	Descr	прион	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
EPA 18	Monthly	EPL		4	mg/m2/month	Insoluble	Result	11	0.5	0.8	0.3	0.3	0.2	0.4	1				
Jandra D1 Iorthern Boundar	wonuny	Section P1	-	4	mg/mz/monut	Solids	Pass / Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass				
EPA 19 Jandra D2	Monthly	EPL		4	mg/m2/month	Insoluble	Result	3.2	0.4	2.2	1.2	0.6	1.3	1.3	3				
outhern Boundar EPA 20	wonuny	Section P1	-	4	mg/mz/monut	Solids	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass				
EPA 20 Jandra D3	Monthly	EPL		4	mg/m2/month	Insoluble	Result	0.4	0.4	1.9	0.8	0.1	0.5	0.6	16				
Eastern Boundary	wonuny	Section P1	-	4	mg/mz/monut	Solids	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Fail				
EPA 21	Monthly	EPL		4	mg/m2/month	Insoluble	Result	1.8	0.2	0.6	0.5	0.1	1.5	0.5	1				
Jandra D4 Vestern Boundan	wonuny	Section P1	-	4	mg/mz/monut	Solids	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass				
								Commen	ts regarding depo	sition monitoring o	outcomes								
Comment 1:																			
Comment 2:																			
Comment 3:																			

Noise Monitoring Results

	-									
Source	Location	Location	Lower Limit	Upper Limit	Unit	Description	Q1	Q2	Q3	Q4

Source	Lotestiton	LOCATION		Opper Limit	Unit	Deser		30.03.2021	20.05.2021	Sample Date	Sample Date
						LAeq (15 min)	Result	35	30		
EPL			-	46	dB	Day	Pass / Fail	Pass	Pass		
						-	Result	39	30		
ection L4 .2	Annual	EPA Point 13 hitoring Location	-	44	dB	LAeq (15 min) Morning Shoulder		Pass	Pass		
		Looudon				-		F 433	Fass		
			-	48	dB	LA1 (1 min) Morning Shoulder	Result				
						worning Shoulder	Pass / Fail				
	-										
Source	Location	Location	Lower Limit	Upper Limit	Unit	Descr	intion	Q1	Q2	Q3	Q4
oouroo	Looddon	Loodiion	Lonor Linn	oppor Emili	0 mil	20001		30.03.2021	20.05.2021	Sample Date	Sample Date
				52	dB	LAeq (15 min)	Result	36	36		
EPL				52	uв	Day	Pass / Fail	Pass	Pass		
		EPA Point 14				LAeq (15 min)	Result	36	36		
ection L4 .2	Annual	hitoring Location	-	50	dB	Morning Shoulder	Pass / Fail	Pass	Pass		
						LA1 (1 min)	Result				
			-	51	dB	Morning Shoulder					
	1	I		I		• • • •	. doo / r all		I		I
_	_							Q1	Q2	Q3	Q4
Source	Location	Location	Lower Limit	Upper Limit	Unit	Descr	iption	30.03.2021	20.05.2021	Sample Date	Sample Date
				1			Desult	40		Sample Date	Sample Date
501			-	50	dB	LAeq (15 min)	Result	40 Pass	35		
EPL						Day	Pass / Fail		Pass		
ection L4 .2	Annual	EPA Point 15		51	dB	LAeq (15 min)	Result	40	35		
		hitoring Location				Morning Shoulder		Pass	Pass		
			-	51	dB	LA1 (1 min)	Result				
			-	51	00	Morning Shoulder	Pass / Fail				
Source	Location	Location	Lower Limit	Upper Limit	Unit	Deser	intion	Q1	Q2	Q3	Q4
Source	Location	Location	Lower Limit	Upper Limit	Unit	Descr	iption	Q1 30.03.2021	Q2 20.05,2021	Q3 Sample Date	Q4 Sample Date
Source	Location	Location					iption Result				
Source	Location	Location	Lower Limit	Upper Limit 43	Unit dB			30.03.2021	20.05.2021		
EPL				43	dB	LAeq (15 min) Day	Result Pass / Fail	30.03.2021 36 Pass	20.05.2021 30 Pass		
EPL	Location	Location EPA Point 16 hitoring Location				LAeq (15 min) Day	Result Pass / Fail Result	30.03.2021 36 Pass 36	20.05/2021 30 Pass 30		
EPL		EPA Point 16	-	43	dB dB	LAeq (15 min) Day LAeq (15 min) Morning Shoulder	Result Pass / Fail Result Pass / Fail	30.03.2021 36 Pass	20.05.2021 30 Pass		
EPL		EPA Point 16	-	43	dB	LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min)	Result Pass / Fail Result Pass / Fail Result	30.03.2021 36 Pass 36	20.05/2021 30 Pass 30		
EPL		EPA Point 16	-	43 48	dB dB	LAeq (15 min) Day LAeq (15 min) Morning Shoulder	Result Pass / Fail Result Pass / Fail Result	30.03.2021 36 Pass 36	20.05/2021 30 Pass 30		
EPL		EPA Point 16	-	43 48	dB dB	LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min)	Result Pass / Fail Result Pass / Fail Result	30 03/2021 36 Pass 36 Pass	20.05.2021 30 Pass 30 Pass 	Sample Date	Sample Date
EPL		EPA Point 16	-	43 48	dB dB	LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min)	Result Pass / Fail Result Pass / Fail Pass / Fail	30 03 2021 36 Pass 36 Pass 20 21	20.05.2021 30 Pass 30 Pass 20 20 20 20 20 20 20 20 20 20	Sample Date	Sample Date
EPL ection L4 .2	Annual	EPA Point 16 hitoring Location	-	43 48 48	dB dB dB	LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min) Morning Shoulder	Result Pass / Fail Result Pass / Fail Result Pass / Fail	30 03.2021 36 Pass 36 Pass 9 0 0 0 0 1 30 03.2021	20.05.2021 30 Pass 30 Pass 02 20.05.2021	Sample Date	Sample Date
EPL ection L4 .2 Source	Annual	EPA Point 16 hitoring Location	-	43 48 48 Upper Limit	dB dB dB Unit	LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min) Morning Shoulder Descr LAeq (15 min)	Result Pass / Fail Result Pass / Fail Result Pass / Fail	30 03.2021 36 Pass 36 Pass 01 30 03.2021 35	20.05.2021 30 Pass 30 Pass 20.05.2021 30	Sample Date	Sample Date
EPL ection L4 .2	Annual	EPA Point 16 hitoring Location	- - - Lower Limit	43 48 48	dB dB dB	LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min) Morning Shoulder	Result Pass / Fail Result Pass / Fail Result Pass / Fail iption Result Pass / Fail	30 03.2021 36 Pass 36 Pass 01 30 03.2021 35 Pass	20.05.2021 30 Pass 30 Pass Q2 20.05.2021 30 Pass	Sample Date	Sample Date
EPL ection L4 .2 Source EPL	Annual	EPA Point 16 Nitoring Location	- - Lower Limit	43 48 48 Upper Limit 50	dB dB dB Unit dB	LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min) Morning Shoulder Descr LAeq (15 min) Day	Result Pass / Fail Result Pass / Fail Result Pass / Fail	30 03.2021 36 Pass 36 Pass 0 0 0 0 0 0 0 0 0 0 2021 35 Pass 35 Pass 35	20.05.2021 30 Pass 30 Pass 20.05 2021 30 Pass 30	Sample Date	Sample Date
EPL ection L4 .2 Source EPL	Annual	EPA Point 16 hitoring Location	- - Lower Limit	43 48 48 Upper Limit	dB dB dB Unit	LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min) Morning Shoulder Descr LAeq (15 min)	Result Pass / Fail Result Pass / Fail Result pass / Fail Result Pass / Fail Result	30 03.2021 36 Pass 36 Pass 01 30 03.2021 35 Pass	20.05.2021 30 Pass 30 Pass Q2 20.05.2021 30 Pass	Sample Date	Sample Date
EPL ection L4 .2 Source EPL	Annual	EPA Point 16 Nitoring Location	- - Lower Limit -	43 48 48 48 48 50 46 46 46 46 46 46 46 46 46 46 46 46 46	dB dB dB Unit dB dB	LAeq (15 min) Day LAeq (15 min) Worning Shoulder LA1 (1 min) Morning Shoulder LAeq (15 min) Day LAeq (15 min) Morning Shoulder	Result Pass / Fail Result Pass / Fail Result pass / Fail Result Pass / Fail Result	30 03.2021 36 Pass 36 Pass 0 0 0 0 0 0 0 0 0 0 2021 35 Pass 35 Pass 35	20.05.2021 30 Pass 30 Pass 20.05 2021 30 Pass 30	Sample Date	Sample Date
EPL section L4 .2 Source EPL	Annual	EPA Point 16 Nitoring Location	- - Lower Limit	43 48 48 Upper Limit 50	dB dB dB Unit dB	LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min) Morning Shoulder Deser LAeq (15 min) Day LAeq (15 min)	Result Pass / Fail Result Result Pass / Fail Pass / Fail Result Pass / Fail Result Result Result	30 03.2021 36 Pass 36 Pass 0 0 0 0 0 0 0 0 0 0 2021 35 Pass 35 Pass 35	20.05.2021 30 Pass 30 Pass 20.05 2021 30 Pass 30	Sample Date	Sample Date
EPL ection L4 .2 Source EPL	Annual	EPA Point 16 Nitoring Location	- - Lower Limit -	43 48 48 48 48 50 46 46 46 46 46 46 46 46 46 46 46 46 46	dB dB dB Unit dB dB	LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min) Morning Shoulder Descr LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min)	Result Pass / Fail Result Result Pass / Fail Pass / Fail Result Pass / Fail Result Result Result	30 03.2021 36 Pass 36 Pass 0 0 0 0 0 0 0 0 0 0 2021 35 Pass 35 Pass 35	20.05.2021 30 Pass 30 Pass 20.05 2021 30 Pass 30	Sample Date	Sample Date
EPL ection L4 .2 Source EPL	Annual	EPA Point 16 Nitoring Location	- - Lower Limit -	43 48 48 48 48 50 46 46 46 46 46 46 46 46 46 46 46 46 46	dB dB dB Unit dB dB	LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min) Morning Shoulder Descr LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min)	Result Pass / Fail Result Result Pass / Fail Pass / Fail Result Pass / Fail Result Result Result	30 03.2021 36 Pass 36 Pass 0 0 0 0 0 0 0 0 0 0 2021 35 Pass 35 Pass 35	20.05.2021 30 Pass 30 Pass 20.05 2021 30 Pass 30	Sample Date	Sample Date
EPL Section L4 .2 Source EPL	Annual	EPA Point 16 Nitoring Location	- - Lower Limit -	43 48 48 48 48 50 46 46 46 46 46 46 46 46 46 46 46 46 46	dB dB dB Unit dB dB	LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min) Morning Shoulder Descr LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min)	Result Pass / Fail Result Result Pass / Fail Pass / Fail Result Pass / Fail Result Result Result	30 03.2021 36 Pass 36 Pass Q1 30 03.2021 35 Pass 35 Pass	20.05.2021 30 Pass 30 20.05.2021 20.05.2021 20.05.2021 30 Pass 30 Pass 20.05.2021 20.05.202 20.	Sample Date	Sample Date
EPL Source EPL section L4.2	Annual	EPA Point 16 Nitoring Location	- - Lower Limit -	43 48 48 48 48 50 46 46 46 46 46 46 46 46 46 46 46 46 46	dB dB dB Unit dB dB	LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min) Morning Shoulder Descr LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min)	Result Pass / Fail Result Result Pass / Fail Pass / Fail Result Pass / Fail Result Result Result	30 03.2021 36 Pass 36 Pass 0 0 0 0 0 0 0 0 0 0 2021 35 Pass 35 Pass 35	20.05.2021 30 Pass 30 20.05.2021 20.05.2021 20.05.2021 30 Pass 30 Pass 20.05.2021 20.05.202 20.	Sample Date	Sample Date
EPL Source EPL Soction L4.2	Annual	EPA Point 16 Nitoring Location	- - Lower Limit -	43 48 48 48 48 50 46 46 46 46 46 46 46 46 46 46 46 46 46	dB dB dB Unit dB dB	LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min) Morning Shoulder Descr LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min)	Result Pass / Fail Result Result Pass / Fail Pass / Fail Result Pass / Fail Result Result Result	30 03.2021 36 Pass 36 Pass Q1 30 03.2021 35 Pass 35 Pass	20.05.2021 30 Pass 30 20.05.2021 20.05.2021 20.05.2021 30 Pass 30 Pass 20.05.2021 20.05.202 20.	Sample Date	Sample Date
EPL section L4 .2 Source EPL section L4 .2	Annual	EPA Point 16 Nitoring Location	- - Lower Limit -	43 48 48 48 48 50 46 46 46 46 46 46 46 46 46 46 46 46 46	dB dB dB Unit dB dB	LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min) Morning Shoulder Descr LAeq (15 min) Day LAeq (15 min) Morning Shoulder LA1 (1 min)	Result Pass / Fail Result Result Pass / Fail Pass / Fail Result Pass / Fail Result Result Result	30 03.2021 36 Pass 36 Pass Q1 30 03.2021 35 Pass 35 Pass	20.05.2021 30 Pass 30 20.05.2021 20.05.2021 20.05.2021 30 Pass 30 Pass 30 Pass	Sample Date	Sample Date

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

catio	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Date	19/1/2021	11/02/2021	22/02/2021	15/04/2021	10/05/2021	04/05/2021	02/06/2021						
Poi				115	dB (Lin Peak)	Over	Result	109.1	DNT	102.4	109	DNT	105.4	105.6						
	Dec Direct	EPL	-	115	UB (LIIT Peak)	Pressure	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass						
ceiv	Per Blast	Section P1.4 Section L5				Ground	Result	0.4	DNT	0.12	1.0	DNT	0.5	0.8						
ation			-	5	mm/s	Vibration	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass						
Poi				115	ID (Lin Deally)	Over	Result													
1 FOI	Per Blact	EPL Section P1.4	-	115	dB (Lin Peak)	Pressure	Pass / Fail													

ceiv	er Blast	Section P1.4 Section L5		F		Ground	Result									
ation			-	5	minvs	Vibration	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