



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	Monday, 13 April 2026
Date Dataset Published	Monday, 13 April 2026

2026 (YTD) Rainfall Monitoring Results															
Location	Onsite	Month	January	February	March	April	May	June	July	August	September	October	November	December	Total Rainfall (mm) (YTD)
	Daily		Total Rainfall (mm)	Rainy Days	Av. Rainfall / Event (mm)										
Frequency			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
Source	Weather link Met station		0	0	0	0	0	0	0	0	0	0	0		
			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

2025 Rainfall Monitoring Results															
Location	Onsite	Month	January	February	March	April	May	June	July	August	September	October	November	December	Total Rainfall (mm)
	Daily		Total Rainfall (mm)	Rainy Days	Av. Rainfall / Event (mm)										
Frequency			211.8	90.2	161.8	97.4	746.8	11.6	70.2	233.6	39.8	36.4	22.8	31.6	1754
Source	Weather link Met station		15	10	23	18	26	14	11	19	7	8	9	11	
			14.1	9.0	7.0	5.4	28.7	0.8	6.4	12.3	5.7	4.6	2.5	2.9	

2024 Rainfall Monitoring Results															
Location	Onsite	Month	January	February	March	April	May	June	July	August	September	October	November	December	Total Rainfall (mm)
	Daily		Total Rainfall (mm)	Rainy Days	Av. Rainfall / Event (mm)										
Frequency			86.4	217.7	73.0	215.0	90.2	78.8	83.2	65.8	81.3	82.2	96.6	29.6	1200
Source	Weather link Met station		11	16	15	16	16	18	15	16	11	15	12	8	
			7.9	13.6	4.9	13.4	5.6	4.4	5.5	4.1	7.4	5.5	8.1	3.7	

Air Quality Monitoring - 2026 (YTD)

Particulate Matter (PM10)

Average (YTD) **14.1** **µg/m3**

Location	Frequency	Source	Upper Limit	Unit	Sample Date	1 Jan 2026	7 Jan 2026	13 Jan 2026	19 Jan 2026	25 Jan 2026	31 Jan 2026	6 Feb 2026	12 Feb 2026	18 Feb 2026	24 Feb 2026	2 Mar 2026	8 Mar 2026	14 Mar 2026	20 Mar 2026	
Hi Volume Sampler	24hr average (every 6 days)	EPL Section P1.1	50	µg/m3	Outcome	14.89	5.98	17.17	21.58	17.15	16.72	26.08	18.97	14.03	7.94	13.59	7.99	14.98	14.39	
					Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
Location	Frequency	Lower Limit	Upper Limit	Unit	Sample Date	26 Mar 2026	1 Apr 2026	7 Apr 2026	13 Apr 2026	19 Apr 2026	25 Apr 2026	1 May 2026	7 May 2026	13 May 2026	19 May 2026	25 May 2026	31 May 2026	6 Jun 2026	12 Jun 2026	
Hi Volume Sampler	24hr average (every 6 days)	EPL Section P1.1	50	µg/m3	Outcome	13.38	9.33	13.27												
					Result	Within Criteria	Within Criteria	Within Criteria												
Location	Frequency	Lower Limit	Upper Limit	Unit	Sample Date	18 Jun 2026	24 Jun 2026	30 Jun 2026	6 Jul 2026	12 Jul 2026	18 Jul 2026	24 Jul 2026	30 Jul 2026	5 Aug 2026	11 Aug 2026	17 Aug 2026	23 Aug 2026	29 Aug 2026	4 Sep 2026	
Hi Volume Sampler	24hr average (every 6 days)	EPL Section P1.1	50	µg/m3	Outcome															
					Result															
Location	Frequency	Lower Limit	Upper Limit	Unit	Sample Date	4 Oct 2026	10 Oct 2026	16 Oct 2026	22 Oct 2026	28 Oct 2026	3 Nov 2026	9 Nov 2026	15 Nov 2026	21 Nov 2026	27 Nov 2026	3 Dec 2026	9 Dec 2026	15 Dec 2026	21 Dec 2026	
Hi Volume Sampler	24hr average (every 6 days)	EPL Section P1.1	50	µg/m3	Outcome															
					Result															
Location	Frequency	Lower Limit	Upper Limit	Unit	Sample Date	27 Dec 2026														
Hi Volume Sampler	24hr average (every 6 days)	EPL Section P1.1	50	µg/m3	Outcome															
					Result															

Air Quality Monitoring - 2025

Particulate Matter (PM10)

Average (YTD) **12.4** **µg/m3**

Location	Frequency	Source	Upper Limit	Unit	Sample Date	6 Jan 2025	12 Jan 2025	18 Jan 2025	24 Jan 2025	30 Jan 2025	5 Feb 2025	11 Feb 2025	17 Feb 2025	23 Feb 2025	1 Mar 2025	7 Mar 2025	13 Mar 2025	19 Mar 2025	25 Mar 2025
Hi Volume Sampler	24hr average (every 6 days)	EPL Section P1.1	50	µg/m3	Outcome	12.16	23.34	16.85	11.52	12.91	17.69	20.53	11.62	12.53	12.08	20.13	20.16	10.03	20.79
					Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
Location	Frequency	Lower Limit	Upper Limit	Unit	Sample Date	31 Mar 2025	6 Apr 2025	12 Apr 2025	18 Apr 2025	24 Apr 2025	30 Apr 2025	6 May 2025	12 May 2025	18 May 2025	24 May 2025	30 May 2025	5 Jun 2025	11 Jun 2025	17 Jun 2025
Hi Volume Sampler	24hr average (every 6 days)	EPL Section P1.1	50	µg/m3	Outcome	6.09	17.74	10.74	18.35	16.73	9.10	12.36	6.93	7.81	7.91	11.69	7.97	4.37	7.11
					Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
Location	Frequency	Lower Limit	Upper Limit	Unit	Sample Date	23 Jun 2025	29 Jun 2025	5 Jul 2025	11 Jul 2025	17 Jul 2025	23 Jul 2025	29 Jul 2025	4 Aug 2025	10 Aug 2025	16 Aug 2025	22 Aug 2025	28 Aug 2025	3 Sep 2025	9 Sep 2025
Hi Volume Sampler	24hr average (every 6 days)	EPL Section P1.1	50	µg/m3	Outcome	8.77	3.23	5.31	6.89	15.36	5.02	4.80	12.15	4.26	4.72	4.43	3.81	7.65	13.79
					Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
Location	Frequency	Lower Limit	Upper Limit	Unit	Sample Date	15 Sep 2025	21 Sep 2025	27 Sep 2025	3 Oct 2025	9 Oct 2025	15 Oct 2025	21 Oct 2025	27 Oct 2025	2 Nov 2025	8 Nov 2025	14 Nov 2025	20 Nov 2025	26 Nov 2025	2 Dec 2025
Hi Volume Sampler	24hr average (every 6 days)	EPL Section P1.1	50	µg/m3	Outcome	8.85	6.88	13.37	13.28	21.49	15.42	20.94	11.44	14.73	14.58	30.20	18.96	15.57	9.20
					Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
Location	Frequency	Lower Limit	Upper Limit	Unit	Sample Date	8 Dec 2025	14 Dec 2025	20 Dec 2025	26 Dec 2025										
Hi Volume Sampler	24hr average (every 6 days)	EPL Section P1.1	50	µg/m3	Outcome	23.07	13.56	11.87	10.93										
					Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria										

Air Quality Monitoring - 2024

Particulate Matter (PM10)

Average (YTD) 10.5 µg/m3

Location	Frequency	Source	Upper Limit	Unit	Sample Date	6 Jan 2024	12 Jan 2024	18 Jan 2024	24 Jan 2024	30 Jan 2024	5 Feb 2024	11 Feb 2024	17 Feb 2024	23 Feb 2024	29 Feb 2024	6 Mar 2024	12 Mar 2024	18 Mar 2024	24 Mar 2024
Hi Volume Sampler	24hr average (every 6 days)	EPL Section P1.1	50	µg/m3	Outcome	12.07	7.70	8.67	7.08	10.81	11.93	12.06	10.61	6.66	8.05	7.05	7.49	5.55	6.01
					Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
Location	Frequency	Lower Limit	Upper Limit	Unit	Sample Date	30 Mar 2024	5 Apr 2024	11 Apr 2024	17 Apr 2024	23 Apr 2024	29 Apr 2024	5 May 2024	11 May 2024	17 May 2024	23 May 2024	29 May 2024	4 Jun 2024	10 Jun 2024	16 Jun 2024
Hi Volume Sampler	24hr average (every 6 days)	EPL Section P1.1	50	µg/m3	Outcome	5.76	6.81	3.64	5.62	4.72	4.28	1.69	1.91	2.55	1.50	1.15	1.08	0.87	1.06
					Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
Location	Frequency	Lower Limit	Upper Limit	Unit	Sample Date	22 Jun 2024	28 Jun 2024	4 Jul 2024	10 Jul 2024	16 Jul 2024	22 Jul 2024	28 Jul 2024	3 Aug 2024	9 Aug 2024	15 Aug 2024	21 Aug 2024	27 Aug 2024	2 Sep 2024	8 Sep 2024
Hi Volume Sampler	24hr average (every 6 days)	EPL Section P1.1	50	µg/m3	Outcome	1.10	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data
					Result	Within Criteria	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data
Location	Frequency	Lower Limit	Upper Limit	Unit	Sample Date	2 Oct 2024	8 Oct 2024	14 Oct 2024	20 Oct 2024	26 Oct 2024	1 Nov 2024	7 Nov 2024	13 Nov 2024	19 Nov 2024	25 Nov 2024	1 Dec 2024	7 Dec 2024	13 Dec 2024	19 Dec 2024
Hi Volume Sampler	24hr average (every 6 days)	EPL Section P1.1	50	µg/m3	Outcome	21.98	19.16	15.93	20.13	17.88	15.27	25.75	23.97	39.77	15.67	20.63	16.54	17.65	17.78
					Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
Location	Frequency	Lower Limit	Upper Limit	Unit	Sample Date	25 Dec 2024	31 Dec 2024												
Hi Volume Sampler	24hr average (every 6 days)	EPL Section P1.1	50	µg/m3	Outcome	13.30	13.63												
					Result	Within Criteria	Within Criteria												

Noise Monitoring Results

Source	Location	Upper Limit	Unit	Description	Year Date	2023	2024	2025	2026
						17-May-23			
EPL Section L4 .2	EPA Point 13 Monitoring Location R2	40	dB	LAeq (15 min) Day	Outcome	Resident has requested Holcim do not to enter their property for any monitoring until further notice.			
				Status					
		40	dB	LAeq (15 min) Shoulder	Outcome				
				Status					
EPL Section L4 .2	EPA Point 14 Monitoring Location R4	40	dB	LAeq (15 min) Day	Outcome	<36			
				Status	Within Criteria				
		40	dB	LAeq (15 min) Shoulder	Outcome	<34			
				Status	Within Criteria				
EPL Section L4 .2	EPA Point 15 Monitoring Location R5	41	dB	LAeq (15 min) Day	Outcome	<36			
				Status	Within Criteria				
		41	dB	LAeq (15 min) Shoulder	Outcome	<36			
				Status	Within Criteria				
EPL Section L4 .2	EPA Point 16 Monitoring Location R6	40	dB	LAeq (15 min) Day	Outcome	<29			
				Status	Within Criteria				
		40	dB	LAeq (15 min) Shoulder	Outcome	<31			
				Status	Within Criteria				
EPL Section L4 .2	EPA Point 17 Monitoring Location R7	36	dB	LAeq (15 min) Day	Outcome	<28			
				Status	Within Criteria				
		36	dB	LAeq (15 min) Shoulder	Outcome	<27			
				Status	Within Criteria				

Blast Monitoring Results - 2026 (YTD)

Location	Frequency	Source	95% Upper Limit	Unit	Description	Date Shot No.	15/01/2026															
							JQ26-249															
EPA Point 2 Receiver Location R2	Per Blast	EPL Section P1.4 Section L5	115	dB (Lin Peak)	Over Pressure	Result	106.3															
						Pass / Fail	Within Criteria															
						Result	4.0															
EPA Point 3 Receiver Location R4	Per Blast	EPL Section P1.4 Section L5	115	dB (Lin Peak)	Over Pressure	Result	118.1															
						Pass / Fail	Outside Criteria															
						Result	0.9															
			5	mm/s	Ground Vibration	Pass / Fail	Within Criteria															
						Pass / Fail	Within Criteria															
						Pass / Fail	Within Criteria															

Shot No.	Comments regarding blast monitoring outcomes
JQ25-249	Over pressure at EPA Point 3 exceeded the 95% limit but was below the maximum allowable limit of 120 dBa

Annual Blast Monitoring Results (YTD)

Compliance against annual blast monitoring is 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 may change once data for the whole reporting period is available.

Annual Blast Monitoring - Over Pressure (High Range)	
Blast Count	1
YTD Over Pressure in High Range (115 - 120 dBL)	1
% Over Pressure in High Range (115 - 120 dBL)	100%
Annual Over Pressure (Pass / Fail)	Outside Criteria

Annual Blast Monitoring - Over Pressure (Maximum Allowable)	
Blast Count	1
YTD Over Pressure Exceeding Maximum Allowable (120 dBL)	0
% Over Pressure Exceeding Maximum Allowable (120 dBL)	0%
Annual Over Pressure (Pass / Fail)	Within Criteria

Annual Blast Monitoring - Ground Vibration (High Range)	
Blast Count	1
YTD Ground Vibration in High Range (5 - 10 mm/s)	0
% Ground Vibration in High Range (5 - 10 mm/s)	0%
Annual Ground Vibration (Pass / Fail)	Within Criteria

Annual Blast Monitoring - Ground Vibration (Maximum Allowable)	
Blast Count	1
YTD Ground Vibration Exceeding Maximum Allowable (10 mm/s)	0
% Ground Vibration Exceeding Maximum Allowable (10 mm/s)	0%
Annual Ground Vibration (Pass / Fail)	Within Criteria

Blast Monitoring Results - 2025

Location	Frequency	Source	95% Upper Limit	Unit	Description	Date Shot No.	31/01/2025	12/03/2025	12/05/2025	02/06/2025	14/07/2025	27/08/2025	12/09/2025	04/11/2025	10/12/2025	13/11/2025	10/12/2025		
							JQ25-238	JQ25-239	JQ25-240	JQ25-241	JQ25-242	JQ25-243	JQ25-244	JQ25-245	JQ25-246	JQ25-247	JQ25-248		
EPA Point 2 Receiver Location R2	Per Blast	EPL Section P1.4 Section L5	115	dB (Lin Peak)	Over Pressure	Result	104.3	81.9	100.3	DNT	102.3	114.0	110.6	111.3					
						Pass / Fail	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
						Result	2.3	2.0	31/12/1899	DNT	31/12/1899	30/12/1899	02/01/1900	30/12/1899					
EPA Point 3 Receiver Location R4	Per Blast	EPL Section P1.4 Section L5	115	dB (Lin Peak)	Over Pressure	Result	111.4	112.0	113.6	100.0	102.0	102.8	112.8	97.4					
						Pass / Fail	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
						Result	0.5	0.1	0.6	0.5	0.3	0.1	0.5	0.1					
			5	mm/s	Ground Vibration	Pass / Fail	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	
						Pass / Fail	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	
						Pass / Fail	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	

Shot No.	Comments regarding blast monitoring outcomes
-	DNT = Blasting did not trigger the monitoring equipment.
JQ25-246	JQ25-246 was fired concurrently with JQ25-248
JQ25-246 / 248	Over pressure at EPA Point 3 exceeded the 95% limit but was below the maximum allowable limit of 120 dBa

Annual Blast Monitoring Results (YTD)

Compliance against annual blast monitoring is 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 may change once data for the whole reporting period is available.

Annual Blast Monitoring - Over Pressure (High Range)	
Blast Count	10
YTD Over Pressure in High Range (115 - 120 dBL)	1
% Over Pressure in High Range (115 - 120 dBL)	10%
Annual Over Pressure (Pass / Fail)	Outside Criteria

Annual Blast Monitoring - Over Pressure (Maximum Allowable)	
Blast Count	10
YTD Over Pressure Exceeding Maximum Allowable (120 dBL)	0
% Over Pressure Exceeding Maximum Allowable (120 dBL)	0%
Annual Over Pressure (Pass / Fail)	Within Criteria

Annual Blast Monitoring - Ground Vibration (High Range)	
Blast Count	10
YTD Ground Vibration in High Range (5 - 10 mm/s)	0
% Ground Vibration in High Range (5 - 10 mm/s)	0%
Annual Ground Vibration (Pass / Fail)	Within Criteria

Annual Blast Monitoring - Ground Vibration (Maximum Allowable)	
Blast Count	10
YTD Ground Vibration Exceeding Maximum Allowable (10 mm/s)	0
% Ground Vibration Exceeding Maximum Allowable (10 mm/s)	0%
Annual Ground Vibration (Pass / Fail)	Within Criteria

Blast Monitoring Results - 2024

Location	Frequency	Source	95% Upper Limit	Unit	Description	Date Shot No.	26/03/2024	19/04/2024	08/05/2024	05/07/2024	30/08/2024	19/09/2024	16/10/2024
							JQ24-231	JQ24-232	JQ24-233	JQ24-234	JQ24-235	JQ24-236	JQ24-237
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	104.2	DNT	100.9	99.7
						Pass / Fail	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
			5	mm/s	Ground Vibration	Result	1.3	1.4	0.8	1.1	DNT	1.3	1.9
						Pass / Fail	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
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	109.5	100.8	DNT	87.9
						Pass / Fail	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
			5	mm/s	Ground Vibration	Result	0.2	0.2	0.2	0.1	1.8	DNT	1.1
						Pass / Fail	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria

Shot No.	Comments regarding blast monitoring outcomes

Annual Blast Monitoring Results (YTD)

Compliance against annual blast monitoring is 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 may change once data for the whole reporting period is available.

Annual Blast Monitoring - Over Pressure (High Range)	
Blast Count	7
YTD Over Pressure in High Range (115 - 120 dBL)	0
% Over Pressure in High Range (115 - 120 dBL)	0%
Annual Over Pressure (Pass / Fail)	Within Criteria

Annual Blast Monitoring - Over Pressure (Maximum Allowable)	
Blast Count	7
YTD Over Pressure Exceeding Maximum Allowable (120 dBL)	0
% Over Pressure Exceeding Maximum Allowable (120 dBL)	0%
Annual Over Pressure (Pass / Fail)	Within Criteria

Annual Blast Monitoring - Ground Vibration (High Range)	
Blast Count	7
YTD Ground Vibration in High Range (5 - 10 mm/s)	0
% Ground Vibration in High Range (5 - 10 mm/s)	0%
Annual Ground Vibration (Pass / Fail)	Within Criteria

Annual Blast Monitoring - Ground Vibration (Maximum Allowable)	
Blast Count	7
YTD Ground Vibration Exceeding Maximum Allowable (10 mm/s)	0
% Ground Vibration Exceeding Maximum Allowable (10 mm/s)	0%
Annual Ground Vibration (Pass / Fail)	Within Criteria