



Pollution Monitoring Data - Holcim Teven Quarry (EPL Number 3293 & SSD 6422)

Facility Address	Stokers Lane, Teven NSW 2478
Licence Details	Link to EPL on Public Register
Date Dataset Updated	Friday, February 7, 2025
Date Dataset Published	Friday, February 7, 2025
EPL Reporting Period	May to April (Annually)

Air Quality Monitoring - PM10 and TSP Results

2025 - Particulate Matter (PM10)

Annual Average (YTD) 8.13

Location	Frequency	Source	Annual Limit	24Hr Limit (Av. every 6 Days)	Unit	Sample Date	1/2/2025	8/01/25	14/01/25										
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	30	50	µg/m3	24Hr Outcome	-5.5	10.7	19.2										
						24Hr Result	Within Criteria	Within Criteria	Within Criteria										

2025 - Derived Total Suspended Particles (TSP)

Annual Average (YTD) 23.24

Location	Frequency	Source	Annual Limit	24Hr Limit (Av. every 6 Days)	Unit	Sample Date	2 Jan 2025	8 Jan 2025	14 Jan 2025										
HVAS Unit	Weekly	Teven Air Quality Management Plan	-	-	µg/m3	Outcome	24 Dec 1899	9 Jan 1900	18 Jan 1900										

2024 - Particulate Matter (PM10)

Annual Average (YTD) 11.24 µg/m3

Location	Frequency	Source	Annual Limit	24Hr Limit (Av. every 6 Days)	Unit	Sample Date	5/01/24	11/01/24	17/01/24	23 Jan 2024	29 Jan 2024	4 Feb 2024	10 Feb 2024	16 Feb 2024	22 Feb 2024	28 Feb 2024	5 Mar 2024	11 Mar 2024	17 Mar 2024
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	30	50	µg/m3	24Hr Outcome	14.9	22.9	26.8	17.8	3.3								
						24Hr Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria								
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	30	50	µg/m3	24Hr Outcome	16.5				13.1	11.8	7.3	14	11.7	11.4	24.1	8.1	8
						24Hr Result	Within Criteria				Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	30	50	µg/m3	24Hr Outcome	6.1	9.1	9.4	6	9.8			10.2	10.1	8.1	2.9		7.1
						24Hr Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria			Within Criteria	Within Criteria	Within Criteria	Within Criteria		Within Criteria
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	30	50	µg/m3	24Hr Outcome	23 Aug 2024	29 Aug 2024	4 Sep 2024	10 Sep 2024	16 Sep 2024	22 Sep 2024	28 Sep 2024	4 Oct 2024	10 Oct 2024	16 Oct 2024	22 Oct 2024	28 Oct 2024	3 Nov 2024

HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	30	50	µg/m3	24Hr Outcome 24Hr Result	4.5 Within Criteria	4.2 Within Criteria	6.1 Within Criteria	25.9 Within Criteria	16.6 Within Criteria	3.4 Within Criteria	12.9 Within Criteria	4.4 Within Criteria	7.3 Within Criteria	6.5 Within Criteria	20.5 Within Criteria	5.7 Within Criteria	5.4 Within Criteria
Location	Frequency	Source	Annual Limit	24Hr Limit (Av. every 6 Days)	Unit	Sample Date	9 Nov 2024	15 Nov 2024	21 Nov 2024	27 Nov 2024	3 Dec 2024	9 Dec 2024							
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	30	50	µg/m3	24Hr Outcome 24Hr Result	18.1 Within Criteria	8.7 Within Criteria	7.1 Within Criteria	9.2 Within Criteria		26.2 Within Criteria							

2024 - Derived Total Suspended Particles (TSP) **Annual Average (YTD)** **32.11 µg/m3**

Location	Frequency	Source	Annual Limit	24Hr Limit (Av. every 6 Days)	Unit	Sample Date	5 Jan 2024	11 Jan 2024	17 Jan 2024	23 Jan 2024	29 Jan 2024	4 Feb 2024	10 Feb 2024	16 Feb 2024	22 Feb 2024	28 Feb 2024	5 Mar 2024	11 Mar 2024	17 Mar 2024
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	-	-	µg/m3	Outcome	42.57	65.43	76.57	50.86	9.43								
Location	Frequency	Source	Annual Limit	24Hr Limit (Av. every 6 Days)	Unit	Sample Date	23 Mar 2024	29 Mar 2024	4 Apr 2024	10 Apr 2024	16 Apr 2024	22 Apr 2024	28 Apr 2024	4 May 2024	10 May 2024	16 May 2024	22 May 2024	28 May 2024	4 Jun 2024
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	-	-	µg/m3	Outcome	47.14				37.43	33.71	20.86	40.00	33.43	32.57	68.86	23.14	22.86
Location	Frequency	Source	Annual Limit	24Hr Limit (Av. every 6 Days)	Unit	Sample Date	6 Jul 2024	10 Jun 2024	17 Jun 2024	24 Jun 2024	30 Jun 2024	6 Jul 2024	12 Jul 2024	18 Jul 2024	24 Jul 2024	30 Jul 2024	5 Aug 2024	11 Aug 2024	17 Aug 2024
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	-	-	µg/m3	Outcome	17.43	26.00	26.86	17.14	28.00		29.14	28.86	23.14	8.29			20.29
Location	Frequency	Source	Annual Limit	24Hr Limit (Av. every 6 Days)	Unit	Sample Date	23 Aug 2024	11 Jan 1900	16 Jan 1900	14 Mar 1900	15 Feb 1900	8 Jan 1900	4 Feb 1900	11 Jan 1900	19 Jan 1900	17 Jan 1900	26 Feb 1900	15 Jan 1900	14 Jan 1900
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	-	-	µg/m3	Outcome	12.86												
Location	Frequency	Source	Annual Limit	24Hr Limit (Av. every 6 Days)	Unit	Sample Date	9 Nov 2024	23 Jan 1900	19 Jan 1900	25 Jan 1900		14 Mar 1900							
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	-	-	µg/m3	Outcome	51.71												

Air Quality Monitoring - PM10 and TSP Results

2023 - Particulate Matter (PM10) **Annual Average (YTD)** **13.92 µg/m3**

Location	Frequency	Source	Annual Limit	24Hr Limit (Av. every 6 Days)	Unit	Sample Date	4 Jan 2023	10 Jan 2023	16 Jan 2023	22 Jan 2023	28 Jan 2023	3 Feb 2023	9 Feb 2023	15 Feb 2023	21 Feb 2023	7 Mar 2023	11 Mar 2023	17 Mar 2023	23 Mar 2023
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	30	50	µg/m3	24Hr Outcome 24Hr Result	18.1 Within Criteria	9.2 Within Criteria	6.9 Within Criteria	0.2 Within Criteria	12.5 Within Criteria	17.1 Within Criteria	11.4 Within Criteria	14.5 Within Criteria	4.9 Within Criteria	11.9 Within Criteria	4.2 Within Criteria	23.2 Within Criteria	10.9 Within Criteria
Location	Frequency	Source	Annual Limit	24Hr Limit (Av. every 6 Days)	Unit	Sample Date	29 Mar 2023	4 Apr 2023	10 Apr 2023	16 Apr 2023	22 Apr 2023	28 Apr 2023	4 May 2023	10 May 2023	16 May 2023	22 May 2023	28 May 2023	3 Jun 2023	9 Jun 2023
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	30	50	µg/m3	24Hr Outcome 24Hr Result	14.4 Within Criteria	23.2 Within Criteria	18.9 Within Criteria	8.1 Within Criteria	9.4 Within Criteria	8.2 Within Criteria	20.8 Within Criteria	5.4 Within Criteria	5.2 Within Criteria	16.3 Within Criteria	12.6 Within Criteria	10.8 Within Criteria	4.8 Within Criteria
Location	Frequency	Source	Annual Limit	24Hr Limit (Av. every 6 Days)	Unit	Sample Date	9 Jun 2023	15 Jun 2023	21 Jun 2023	27 Jun 2023	3 Jul 2023	9 Jul 2023	15 Jul 2023	21 Jul 2023	27 Jul 2023	2 Aug 2023	8 Aug 2023	14 Aug 2023	20 Aug 2023
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	30	50	µg/m3	24Hr Outcome 24Hr Result	6.9 Within Criteria	6.3 Within Criteria	6 Within Criteria	9.2 Within Criteria	12 Within Criteria	6.6 Within Criteria	10 Within Criteria	6.1 Within Criteria	26.2 Within Criteria	17.1 Within Criteria	4 Within Criteria	16.8 Within Criteria	13.4 Within Criteria
Location	Frequency	Source	Annual Limit	24Hr Limit (Av. every 6 Days)	Unit	Sample Date	26 Aug 2023	1 Sep 2023	7 Sep 2023	13 Sep 2023	19 Sep 2023	25 Sep 2023	1 Oct 2023	7 Oct 2023	13 Oct 2023	19 Oct 2023	25 Oct 2023	31 Oct 2023	6 Nov 2023
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	30	50	µg/m3	24Hr Outcome 24Hr Result	16.8 Within Criteria	19.5 Within Criteria	18.4 Within Criteria	12 Within Criteria	9.6 Within Criteria	19.3 Within Criteria	10.3 Within Criteria	9 Within Criteria	26.4 Within Criteria	16.1 Within Criteria	30.6 Within Criteria	10.3 Within Criteria	20.5 Within Criteria
Location	Frequency	Source	Annual Limit	24Hr Limit (Av. every 6 Days)	Unit	Sample Date	12 Nov 2023	18 Nov 2023	24 Nov 2023	30 Nov 2023	6 Dec 2023	12 Dec 2023	18 Dec 2023	24 Dec 2023	30 Dec 2023				
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	30	50	µg/m3	24Hr Outcome 24Hr Result	11.8 Within Criteria	19.5 Within Criteria	35.5 Within Criteria	20.9 Within Criteria	6.6 Within Criteria	57.7 Outside Criteria	17.1 Within Criteria	10.3 Within Criteria	7.5 Within Criteria				

2023 - Derived Total Suspended Particles (TSP) **Annual Average (YTD)** **39.78 µg/m3**

Location	Frequency	Source	Annual Limit	24Hr Limit (Av. every 6 Days)	Unit	Sample Date	4 Jan 2023	10 Jan 2023	16 Jan 2023	22 Jan 2023	28 Jan 2023	3 Feb 2023	9 Feb 2023	15 Feb 2023	21 Feb 2023	7 Mar 2023	11 Mar 2023	17 Mar 2023	23 Mar 2023
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	-	-	µg/m3	Outcome	51.71	26.29	19.71	0.57	35.71	48.86	32.57	41.43	14.00	34.00	12.00	66.29	31.14
Location	Frequency	Source	Annual Limit	24Hr Limit (Av. every 6 Days)	Unit	Sample Date	29 Mar 2023	4 Apr 2023	10 Apr 2023	16 Apr 2023	22 Apr 2023	28 Apr 2023	4 May 2023	10 May 2023	16 May 2023	22 May 2023	28 May 2023	3 Jun 2023	9 Jun 2023
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	-	-	µg/m3	Outcome	41.14	66.29	54.00	23.14	26.86	23.43	59.43	15.43	14.86	46.57	36.00	30.86	13.71
Location	Frequency	Source	Annual Limit	24Hr Limit (Av. every 6 Days)	Unit	Sample Date	9 Jun 2023	15 Jun 2023	21 Jun 2023	27 Jun 2023	3 Jul 2023	9 Jul 2023	15 Jul 2023	21 Jul 2023	27 Jul 2023	2 Aug 2023	8 Aug 2023	14 Aug 2023	20 Aug 2023
HVAS Unit	Weekly	Teven Air Quality Management Plan Section 6 & 8	-	-	µg/m3	Outcome	19.71	18.00	17.14	26.29	34.29	18.86	28.57	17.43	74.86	48.86	11.43	48.00	38.29

N2 (R3/R4)	Quarterly	EPL Section L4 Schedule 3 Condition 4 of the Development Consent (SSD 6422)	37	dB	L _{Aeq} (15 min) Day	Estimated quarry contribution
						Monitoring Outcome
						Result
			35	dB	L _{Aeq} (15 min) Evening	Estimated quarry contribution
						Monitoring Outcome
						Result
N3 (R2)	Quarterly	EPL Section L4 Schedule 3 Condition 4 of the Development Consent (SSD 6422)	37	dB	L _{Aeq} (15 min) Day	Estimated quarry contribution
						Monitoring Outcome
						Result
			35	dB	L _{Aeq} (15 min) Evening	Estimated quarry contribution
						Monitoring Outcome
						Result
N4 (R10)	Quarterly	EPL Section L4 Schedule 3 Condition 4 of the Development Consent (SSD 6422)	37	dB	L _{Aeq} (15 min) Day	Estimated quarry contribution
						Monitoring Outcome
						Result
			35	dB	L _{Aeq} (15 min) Evening	Estimated quarry contribution
						Monitoring Outcome
						Result
N5 (R15)	Quarterly	EPL Section L4 Schedule 3 Condition 4 of the Development Consent (SSD 6422)	37	dB	L _{Aeq} (15 min) Day	Estimated quarry contribution
						Monitoring Outcome
						Result
			35	dB	L _{Aeq} (15 min) Evening	Estimated quarry contribution
						Monitoring Outcome
						Result

<42	<31	<31		
Within Criteria	Within Criteria	Within Criteria		
55.6	58	57.8		
Inaudible	Inaudible	Inaudible		
Within Criteria	Within Criteria	Within Criteria		
54.7	57	51.3		
Inaudible	Inaudible	Inaudible		
Within Criteria	Within Criteria	Within Criteria		
57.5	44.6	33.5		
<36	<28	<19		
Within Criteria	Within Criteria	Within Criteria		
57.4	38.5	34		
<36	<27	<22		
Within Criteria	Within Criteria	Within Criteria		
54.2	42.5	34.5		
Inaudible	Inaudible	Inaudible		
Within Criteria	Within Criteria	Within Criteria		
53.4	44.1	34.6		
Inaudible	Inaudible	Inaudible		
Within Criteria	Within Criteria	Within Criteria		
53.4	59.8	56.5		
<28	<43	<34		
Within Criteria	Within Criteria	Within Criteria		
50.9	57.7	53.6		
<27	<31	<36		
Within Criteria	Within Criteria	Within Criteria		
40.5	47.5	39.6		
Inaudible	Inaudible	Inaudible		
Within Criteria	Within Criteria	Within Criteria		
42.5	40.6	38.9		
Inaudible	Inaudible	Inaudible		
Within Criteria	Within Criteria	Within Criteria		
48.3	45.6	54.1		
<27	<29	<27		
Within Criteria	Within Criteria	Within Criteria		
48.8	47.1	52		
<30	<29	<24		
Within Criteria	Within Criteria	Within Criteria		
46	42.5	49.2		
Within Criteria	Within Criteria	Within Criteria		
45	50.1	51		
Inaudible	Inaudible	Inaudible		
Within Criteria	Within Criteria	Within Criteria		

<38	<35	<31	<35
Within Criteria	Within Criteria	Within Criteria	Within Criteria
51.8	37.1	57.9	41.1
<35	<25	Inaudible	Inaudible
Within Criteria	Within Criteria	Within Criteria	Within Criteria
53	37.8	50.9	40.2
<35	<25	Inaudible	Inaudible
Within Criteria	Within Criteria	Within Criteria	Within Criteria
56.8	44.3	43.4	42.9
<37	<28	<30	<29
Within Criteria	Within Criteria	Within Criteria	Within Criteria
50.6	44.6	44.4	43.7
<37	<28	<30	<29
Within Criteria	Within Criteria	Within Criteria	Within Criteria
43.3	38.1	50.3	44.9
<35	<24	Inaudible	Inaudible
Within Criteria	Within Criteria	Within Criteria	Within Criteria
52.7	35.2	51.3	46.1
<35	<23	Inaudible	Inaudible
Within Criteria	Within Criteria	Within Criteria	Within Criteria
58.8	56	54.9	50
<37	<34	<43	<28
Within Criteria	Within Criteria	Within Criteria	Within Criteria
55.1	54	56.4	47.3
<37	<34	<44	<37
Within Criteria	Within Criteria	Within Criteria	Within Criteria
54.3	39.2	41.7	45.6
<35	<26	Inaudible	Inaudible
Within Criteria	Within Criteria	Within Criteria	Within Criteria
46.5	36.9	41.8	43.1
<35	<26	Inaudible	Inaudible
Within Criteria	Within Criteria	Within Criteria	Within Criteria
47.5	47.7	66.5	62.2
<37	<32	<28	<29
Within Criteria	Within Criteria	Within Criteria	Within Criteria
47.2	46.5	64.3	65.6
<37	<31	<29	<31
Within Criteria	Within Criteria	Within Criteria	Within Criteria
47.4	47.1	56	43.5
<35	<27	Inaudible	Inaudible
Within Criteria	Within Criteria	Within Criteria	Within Criteria
52	40.3	55.6	51.8
<35	<24	Inaudible	Inaudible
Within Criteria	Within Criteria	Within Criteria	Within Criteria

Comments: Add any comments regarding the noise monitoring outcomes in the fields below

Comment 1: Inaudible = Quarry was either not contributing to noise measurements or the quarry was not operational during monitoring

2025 - Blast Monitoring Results

Location	Frequency	Source	Upper Limit	Unit	Description	Date														
Residence on Wellers Rd	Per Blast	EPL Section L5	115	dB (Lin Peak)	Over Pressure	Outcome														
						Result														
			5	mm/s	Ground Vibration	Outcome														
						Result														
Site Entrance, Stokers Ln	Per Blast	EPL Section L5	115	dB (Lin Peak)	Over Pressure	Outcome														
						Result														
			5	mm/s	Ground Vibration	Outcome														
						Result														

2024 - Blast Monitoring Results

Location	Frequency	Source	Upper Limit	Unit	Description	Date	29 Jan 2024	26 Feb 2024	26 Feb 2024	22 Mar 2024	2 Apr 2024	2 May 2024	25 Jun 2024	25 Jul 2024	25 Jul 2024	19 Aug 2024	18 Sep 2024	22 Oct 2024						
Residence on Wellers Rd	Per Blast	EPL Section L5	115	dB (Lin Peak)	Over Pressure	Outcome	112.20	97.50	104.90	93.40	102.80	102.80	99.50	102.80	95.90	88.90	105.50	100.00						
						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			
			5	mm/s	Ground Vibration	Outcome	0.81	1.26	0.95	2.89	1.16	0.79	1.58	1.10	0.40	2.70	1.96	1.02						
						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	Within Criteria		
			115	dB (Lin Peak)	Over Pressure	Outcome	106.10	107.00	108.40	104.20	88.00	110.90	DNT	103.50	DNT	108.10	105.50	DNT						
						Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Pass	Within Criteria	Pass	Within Criteria	Within Criteria	Pass	Within Criteria	Within Criteria	Within Criteria	Within Criteria		
5	mm/s	Ground Vibration	Outcome	0.65	0.34	0.45	0.70	0.41	0.10	DNT	0.33	DNT	0.87	0.46	DNT									
			Result	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Within Criteria	Pass	Within Criteria	Pass	Within Criteria	Within Criteria	Pass	Within Criteria	Within Criteria	Within Criteria	Within Criteria					

