

DUBBO QUARRY

2025 Annual Review

Site Details

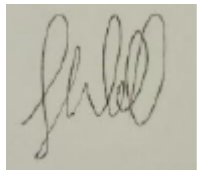
Name of operation	Dubbo Quarry
Name of operator	Holcim (Australia) Pty Ltd
Document Version	A
Development consent #	SSD 10417
Annual review start date	1 January 2025
Annual review end date	31 December 2025
I, Leeroy Wall, certify that this audit report is a true and accurate record of the compliance status of Lynwood Quarry for the period 1 January 2025 to 31 December 2025 and that I am authorised to make this statement on behalf of Holcim. <i>Note.</i> a) <i>The Annual Review is an ‘environmental audit’ for the purposes of section 9.42 of the Environmental Planning and Assessment Act 1979 (NSW). Section 9.42(1) provides that a person must not include false or misleading information in, or provide information for inclusion in, an audit report produced to the Minister in connection with an environmental audit if the person knows that the information is false or misleading in a material respect. A contravention of this provision constitutes a Tier 3 offence under the Act (a maximum penalty: in the case of a corporation is \$1 million; and for an individual is \$250,000).</i> b) <i>The Crimes Act 1900 (NSW) contains other offences relating to false and misleading information: Section 192G (Intention to defraud by false or misleading statement—maximum penalty 5 years imprisonment); and Sections 307A, 307B and 307C (False or misleading applications/information/documents—maximum penalty 2 years imprisonment or 200 penalty units, or both).</i>	
Name of authorized reporting officer	Leeroy Wall
Title of authorized reporting officer	Dubbo Quarry Manager
Signature of authorised reporting officer	
Date	31/03/2026

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Appendices

Appendix A – Air Quality Monitoring Results 2025

1 Statement of Compliance

See **Table 1** for statement of compliance for the reporting period (1 January 2025 - 31 December 2025) for Dubbo Quarry. **Table 2** displays the compliance status key. **Table 3** details the non-compliances identified within the reporting period.

Table 1: Statement of Compliance

Were all conditions of the relevant approval(s) complied with?	
State Significant Development (SSD) No. 10417	No
Environment Protection License (EPL) No. 2212	Yes

Table 2: Compliance Status Key

Risk level	Colour code	Description
High	Non-compliant	Non-compliance with potential for significant environmental consequences, regardless of the likelihood of occurrence
Medium	Non-compliant	Non-compliance with: - Potential for serious environmental consequences, but is unlikely to occur; or - Potential for moderate environmental consequences, but is likely to occur
Low	Non-compliant	Non-compliance with: - Potential for moderate environmental consequences, but is unlikely to occur; or - Potential for low environmental consequences, but is likely to occur
Administrative non-compliance	Non-compliant	Only to be applied where the non-compliance does not result in any risk of environmental harm (e.g. submitting a report to government later than required under approval conditions)

Table 3: Non-compliances for Reporting Period

Relevant Approval	Condition	Condition description	Compliance status	Section addressed in Annual Review / Comment
SSD-10417	Part B, Condition B19	Air Quality Criteria The Applicant must ensure that particulate matter emissions generated by the development do not cause exceedances of the criteria in Table 5 at any residence on privately-owned land.	Non-Compliant	Section 6.3.3 and Section 12 Exceedances of the 24 hour PM ₁₀ criteria on multiple dates in April and November/December (see Table 14).

2 Introduction

2.1 BACKGROUND

Holcim (Australia) Pty Ltd (Holcim) operates Dubbo Quarry (the 'Quarry'), a hard rock quarry located within the Dubbo Regional Council Local Government Area (LGA) on Sheraton Road approximately 1.9 kilometres (km) west of the city of Dubbo. The site produces high quality basalt aggregates for use in concrete, asphalt, road base and other applications. The Quarry also produces many types of road base and precoated sealing aggregates.

The Quarry has been operating since 1980 under a development consent granted by the former Talbragar Shire Council, now Dubbo Regional Council. Accessible basalt resources within the existing quarry boundary are close to exhaustion and planning approval SSD 10417 (Development Consent) was granted under Part 4, Division 4.7 of the NSW Environmental Planning Assessment Act 1979 (EP&A Act) to allow the Quarry to continue operating as the Dubbo Quarry Continuation Project (henceforth referred to as 'the project'). The project involves continued operation in the existing quarry as well as the development of two new resource areas, the Western Extension Area (WEA) and Southern Extension Area (SEA).

The site also operates in accordance with EPL No. 2212 issued by the Environment Protection Authority (EPA). The site locality and Development Consent area are outlined in **Figure 1** and **Figure 2** below.



Figure 1: Regional locality (source: Air Quality Management Plan 2023)

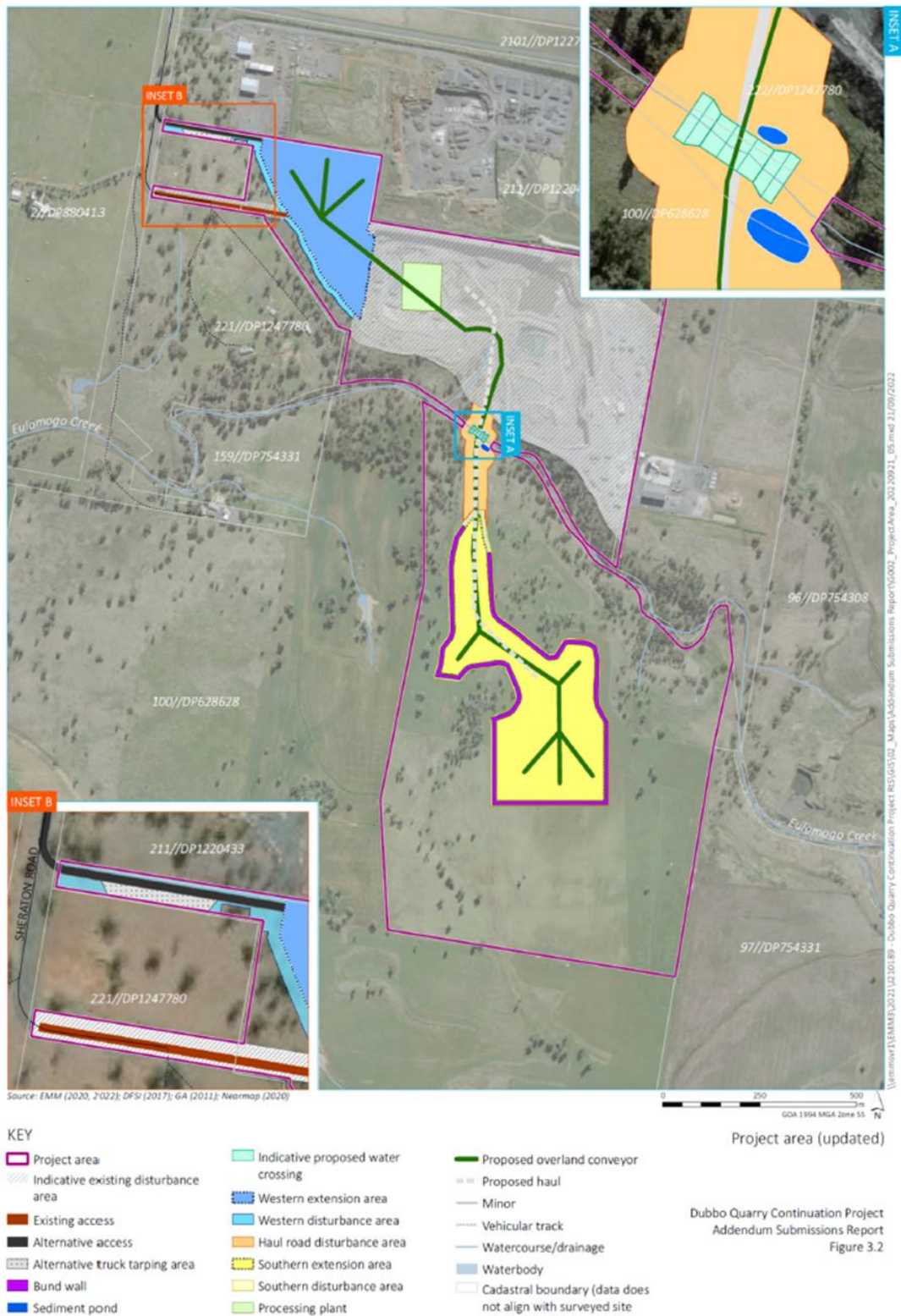


Figure 2: Dubbo Quarry project approval area (Source: SSD 10417)

2.2 ANNUAL REVIEW REQUIREMENTS

This Annual Review has been prepared in accordance with Condition D9 (Annual Review) of the Development Consent and in accordance with the *Annual Review Guideline: Post Approvals Requirements for State Significance Mining Developments* (October 2015). The Annual Review requirements and the section where they have been addressed in this document have been provided in **Table 4**.

Table 4: Annual Review requirements and structure of this Annual Review

Condition	Section in Annual Review
REPORTING AND AUDITING Annual Review D9. By the end of March in each year after the commencement of development, or other timeframe agreed by the Planning Secretary, a report must be submitted to the Department reviewing the environmental performance of the development, to the satisfaction of the Planning Secretary. This review must:	
a) describe the development (including any rehabilitation) that was carried out in the previous calendar year, and the development that is proposed to be carried out over the current calendar year;	Sections 4 and 8
b) include a comprehensive review of the monitoring results and complaints records of the development over the previous calendar year, including a comparison of these results against the: (i) relevant statutory requirements, limits, or performance measures/criteria; (ii) requirements of any plan or program required under this consent; (iii) monitoring results of previous years; and (iv) relevant predictions in the documents listed condition A2;	Section 6
c) identify any non-compliance or incident which occurred in the previous calendar year, and describe what actions were (or are being) taken to rectify the non-compliance and avoid reoccurrence;	Sections 1 and 12
d) evaluate and report on: (i) the effectiveness of the noise and air quality management systems; and (ii) compliance with the performance measures, criteria, and operating conditions in this consent;	Sections 6.2 and 6.3 Section 6
e) identify any trends in the monitoring data over the life of the development;	Sections 6, 7, 8 and 9
f) identify any discrepancies between the predicted and actual impacts of the development, and analyse the potential cause of any significant discrepancies; and	Sections 6, 7 and 9
g) Describe what measures will be implemented over the current calendar year to improve the environmental performance of the development.	Sections 6 and 9

2.3 KEY PERSONNEL

Table 5 details the names and contact details of key Dubbo Quarry personnel responsible for the environmental management of the operation.

Table 5: Contact details for Dubbo Quarry key personnel

Staff Member and Position	Contact Details
Quarry Manager Leeroy Wall	Mob: 0447 523 471 Email: leeroy.wall@holcim.com
Area Manager Aggregates – NSW North Chris Hamilton	Work: 02 6656 8620 Mob: 0429 790 213 Email: chris.hamilton@holcim.com
Environment Manager - NSW Dozie Egeonu	Mob: 0429 557 493 Email: dozie.egeonu@holcim.com

3 Approvals

Dubbo Quarry operates under the approvals listed in **Table 6**. The original Development Consent SSD 10417 was modified in 2025 (MOD 1) seeking to change the design of the surface water diversion, reduce the height of the Southern Extraction Area safety bund, and increase the quantity of fly ash and concrete waste imported to the site.

Table 6: Approvals held by Holcim (Australia) Pty Ltd. for Dubbo Quarry operations

Approval	Regulatory Authority
SSD 10417 (MOD 1)	Department of Planning, Housing and Infrastructure (DPHI)
EPL No. 2212	NSW Environmental Protection Authority (EPA)
Water Access Licence (WAL) No. 29524	WaterNSW
WAL No. 34573	WaterNSW
WAL No. 43440	WaterNSW

4 Operations Summary

4.1 EXPLORATION

No exploration activities were completed during the reporting period.

4.2 LAND PREPARATION

3.7 hectares (ha) of land was disturbed within the approved disturbance area during the reporting period for construction of a creek crossing.

4.3 CONSTRUCTION ACTIVITIES

The Eulomongo Creek crossing Project commenced in October 2025. The projected finish is April 2026.

4.4 QUARRY OPERATIONS

In April 2025, operations progressed into the western area of the Continuation Project approval boundary.

Table 7 includes a summary of the operations undertaken during the reporting period against the Development Consent conditions regarding product transported from the Quarry.

Table 7: Total product distributed

Material	Approved Limit (SSD 10417) (Tonnes (T))	Product Distributed (T)			
		2023	2024	2025	2026 (forecast)
Transportation Limit Condition A9	500,000	0	243, 158.6	295, 009.12	261, 874.0
Receival of Fly Ash Condition A10	3000	0	116.5	2,980	3000.0
Receival of Concrete Washout Materials Condition A11	3000	0	968.6	1288	1,500.0

4.5 NEXT REPORTING PERIOD

Development activities proposed to be carried out at the Quarry in the next reporting period (January to December 2026), include:

- Stripping of topsoil and overburden within the existing extraction limit boundary;
- Drill, blast, load and haul activities; and
- Crushing, screening and stockpiling of product.

5 Actions Required from Previous Annual Review

5.1 ACTIONS REQUIRED FROM PREVIOUS ANNUAL REVIEW – DPHI REVIEW

The 2024 Annual Review was provided to DPHI on 31 March 2025. DPHI acknowledged non-compliances in the report. DPHI had no further comment on the content of the report for Holcim to address in this 2025 Annual Review.

5.2 ACTIONS FROM PREVIOUS ANNUAL REVIEW – HOLCIM PROPOSED

See **Table 8** below for the planned activities or improvement actions proposed for 2025 in the previous Annual Review.

Table 8: Current status on actions proposed in the previous Annual Review

Topic	Description of Activities or Improvement Measures	Current Status
Water Management Plan	Update of the Water Management Plan to reflect installation of the East Pit surface water diversion.	Holcim will continue to consult with DPHI to progress the update of the Water Management Plan once the surface water diversion construction is completed

6 Environmental Performance

6.1 METEOROLOGICAL MONITORING

A summary of monthly temperature readings and rainfall was retrieved from the onsite meteorological station on the south-western boundary of the existing pit. The site uses this meteorological monitoring data to inform daily operations as per the Development Consent. A summary of meteorological results for the reporting period is outlined in **Table 9** below.

Table 9: Meteorological monitoring results

Month	Total Rainfall (mm)	Minimum Temperature (°C)	Maximum Temperature (°C)
January	50.4	20.9	32.7
February	69.6	16.5	29.5
March	50.4	19.2	29.4
April	36	13.2	20.9
May	19.2	10.6	16.5
June	40.8	4.4	14.1
July	19.2	5.2	13.7
August	14.4	6.3	14.1
September	52.8	9.8	20.7
October	9.6	12	28.3
November	19.2	15.1	28.2
December	16.8	14.8	31.6
Annual TOTAL	398.4		

The total rainfall during the reporting period was 398.4 millimetres (mm). The minimum recorded temperature during the reporting period was 4.4°C, with the maximum being 32.7°C.

6.2 NOISE

6.2.1 EIS Predictions

A noise and vibration impact assessment (NVIA) in the Environmental Impact Statement (EIS) (2021) considered the potential operational noise, construction noise, and road traffic noise impacts of the proposed extension on nearby sensitive receiver locations.

The EIS (2021) stated the project will generate noise during construction of the Eulomogo Creek crossing and the proposed access road. Construction noise management levels (NMLs) will be exceeded at two of the closest noise sensitive receivers. However, noise generating construction work will be relatively short in nature (up to eight weeks) and during standard hours (day) only.

During operation of the project, NMLs will be exceeded at several assessment locations. Significant noise generating operational work will occur during stripping activities which will last up to four weeks per stripping event. Outside of stripping events, during general quarry operations, noise levels will decrease significantly.

6.2.2 Approved Criteria

Criteria for each of the receivers R1 – R23 for quarry operations are provided in **Table 10** as per Condition B1 of the Development Consent. The noise monitoring locations are shown in **Figure 3**.

Table 10: Operational noise criteria dB(A)

Noise Assessment Location	Daytime - Stripping (LA _{eq(15min)})	Daytime - all other quarrying operation ¹ (LA _{eq(15min)})	Night (LA _{eq(15min)})	Night LA _{max}
R1 ²	49	49	40	52
R2	46	44	35	52
R3	43	43	37	52
R4	41	41	35	52
R5	40	41	35	52
R23 ³	42	42	37	52
All other non-project related privately owned residences	40	40	35	52

Notes:

¹Day period is 7 am to 6 pm Monday to Saturday; night period is 10:00 pm to 7:00 am Monday to Saturday.

²Holcim currently has a negotiated agreement in place with the landowner of this residential property.

³No residence currently exists at this location (i.e., vacant land).

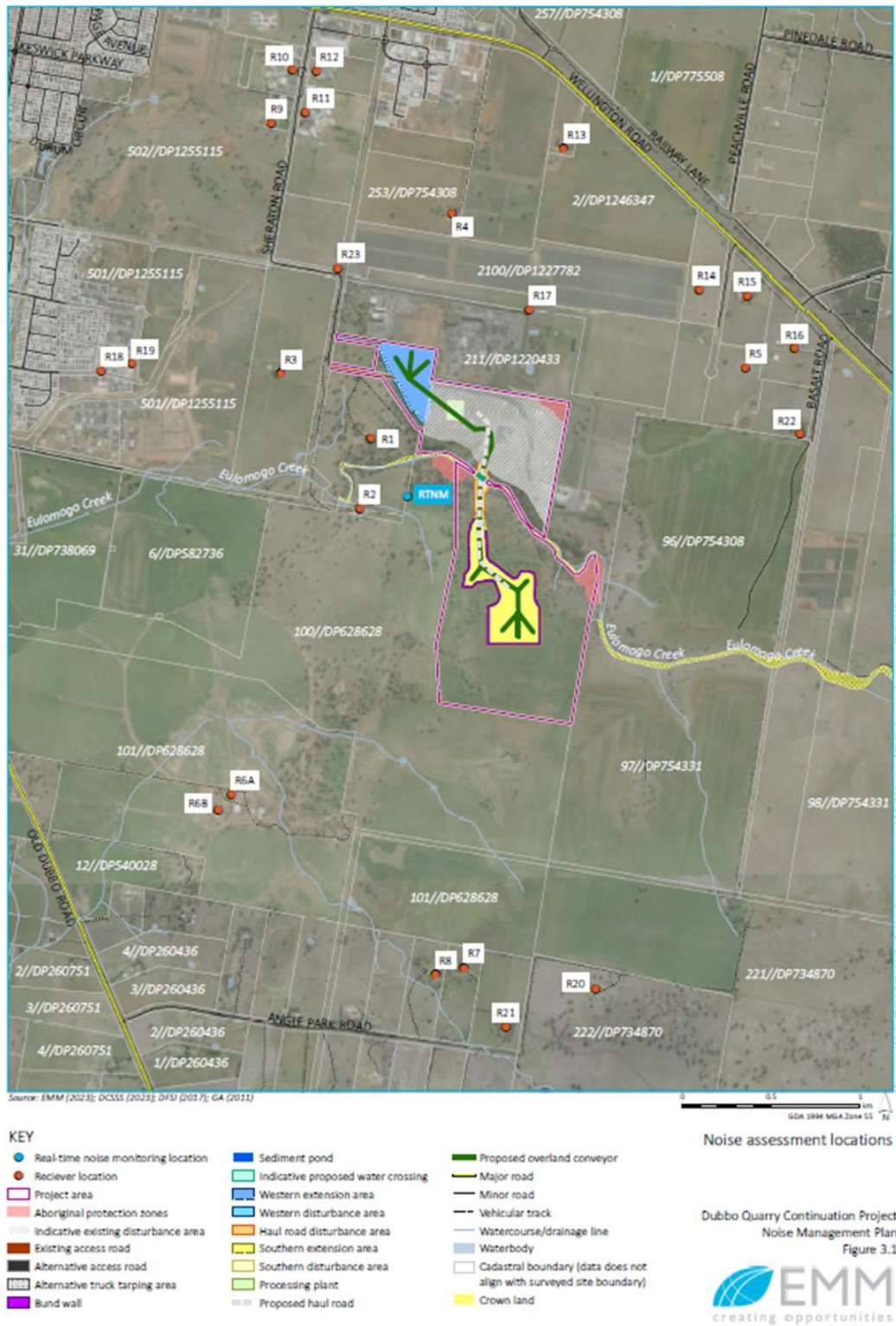


Figure 3: Noise monitoring locations (source: Noise Management Plan 2023)

6.2.3 Key Environmental Performance

Annual noise monitoring was taken in 2025 in accordance with the requirements of Schedule 2 Condition B4. Monitoring was completed at five locations by Ramboll Australia Pty Ltd on Tuesday 21 October 2025 and Wednesday 22 October 2025.

Noise results were all within the approved performance criteria. The annual noise monitoring results are shown in **Table 11**.

Table 11: Annual Noise Monitoring

Assessment Period	Receiver No.	Quarry Noise Contribution LAeq(15min) (dBA)	Compliance Status
Day ¹	R1 ³	N/A	Compliant
	R2	<31	Compliant
	R3	<29	Compliant
	R4	<27	Compliant
	R5	<32	Compliant
	R23 ⁴	<30	Compliant
Night ²	R1 ³	N/A	Compliant
	R2	<34	Compliant
	R3	<n/a ⁵	Compliant
	R4	n/a ⁵	Compliant
	R5	n/a ⁵	Compliant
	R23 ⁴	<35	Compliant

Notes:

¹ 7am-6pm Monday to Saturday

² 10pm-7am Monday to Saturday

³ Holcim currently has a negotiated agreement in place with the landowner of this residential property; therefore, the monitoring criteria do not apply.

⁴ No residence exists at this location (vacant land)

⁵ Quarry not operational

During the 2025 annual monitoring, the quarry was audible during the day at receiver R4 but remained well below the maximum criteria. The quarry was inaudible at all other monitoring locations. Other recorded noise sources included wind, birds, insects, animals, vehicles, and passing aircraft.

Long-term Trends

Annual noise monitoring undertaken in 2024 and 2025 indicated compliance with the applicable noise criteria in both years. The results demonstrate a consistent trend of compliant site operations, with no exceedances identified during the reporting period.

Overall, the monitoring outcomes indicate that existing noise management measures remain effective and that there has been no adverse change in long-term noise performance over the past two years

Comparison to EIS Predictions

At the time of reporting, noise monitoring is within the predicted limits of the EIS. Holcim did not receive any complaints relating to noise during the reporting period.

6.2.4 Management Measures

Management measures relating to noise are outlined within Section 4 of the Dubbo Quarry *Noise Management Plan* and the EIS. These include:

- Defined operating hours as per Condition A12 of the Development Consent;
- Monitoring for noise and meteorological conditions;
- Staff and contractor inductions and regular reinforcement (such as at toolbox talks);
- Minimising the use of portable radios, public address systems or other noisy methods of site communication when operating close to nearby residents;
- Utilise appropriate travel routes for the delivery of materials and parking of vehicles;
- Minimise the use of equipment that generates impulsive noise;
- Notify potentially affected residents prior to the commencement of works;
- Operate plant and equipment in the quietest and most efficient manner possible; and
- Regular inspections and maintenance of plant and equipment.

6.2.5 Proposed Improvements

There are no proposed improvements related to noise management for the next reporting period.

6.3 AIR QUALITY

6.3.1 EIS Predictions

An air quality impact assessment (AQIA) was prepared by EMM as part of the EIS, documenting the existing air quality and meteorological environment, applicable impact assessment criteria, air pollutant emission calculations, dispersion modelling of calculated emissions and assessment of predicted impacts relative to criteria (including cumulative impacts).

Emissions generated by the project will principally consist of particulate matter emissions from loading and unloading materials (topsoil, subsoil and rock), conveying and transfer of rock, rock sizing, hauling materials and wind erosion of exposed areas.

Three emission scenarios (existing and two future scenarios) were considered to quantify particulate matter impacts from the project and to understand the significance of the proposed operations compared to current operations.

The results of the dispersion modelling show that the predicted concentrations and deposition rates for incremental particulate matter (TSP, PM₁₀, PM_{2.5} and dust deposition) are below the applicable impact assessment criteria at all assessment locations for both the existing and proposed scenarios.

Cumulative impacts were assessed by combining modelled impacts with recorded ambient background levels. The cumulative results showed that compliance with applicable impact assessment criteria is predicted at all assessment locations for all pollutants and averaging periods.

6.3.2 Approved Criteria

Air quality monitoring is required to be undertaken in accordance with the following criteria in **Table 12** in accordance with Condition B19 of the Development Consent. The air quality monitoring locations are shown in **Figure 4**.

Table 12: Air quality criteria

Pollutant	Averaging period	Criterion
Particulate matter <10 µm (PM ₁₀)	Annual	^{a, c} 25 µg/m ³
	24-hour	^b 50 µg/m ³
Particulate matter <2.5 µm (PM _{2.5})	Annual	^{a, c} 8 µg/m ³
	24-hour	^b 25 µg/m ³
Total suspended particulate (TSP) matter	Annual	^{a, c} 90 µg/m ³

Notes: *a* Total impact (i.e. incremental increase in concentrations due to the development plus background concentrations due to all other sources).

b Incremental impact (i.e. incremental increase in concentrations due to the development on its own).

c Excludes extraordinary events such as bushfires, prescribed burning, dust storms, fire incidents or any other activity agreed by the Planning Secretary.



Figure 4: Air quality monitoring locations (source: Air Quality Management Plan 2023)

6.3.3 Key Environmental Performance

PM₁₀ / PM_{2.5}

PM₁₀ and PM_{2.5} monitoring was undertaken via HVAS units ER1019009 (north-eastern boundary) and ER1021003 (south-western boundary) during the reporting period (see **Figure 4**).

Table 13 below displays a summary of the PM₁₀ and PM_{2.5} monitoring results at ER1019009 and ER1021003, respectfully. The full air quality monitoring dataset can be found in **Appendix A**.

Table 13: Particulate matter and Total suspended solids monitoring results summary

Parameter	ER1019009 (NE Monitor) µg/m ³			ER1021003 (SW Monitor) µg/m ³		
	PM _{2.5}	PM ₁₀	TSP ¹	PM _{2.5}	PM ₁₀	TSP ¹
Annual Average	3.6	9.2	15.27	4.09	49.71	82.52
Annual Average Compliance	Compliant	Compliant	Compliant	Compliant	Non-compliant	Compliant
Annual Average excluding unit errors	3.6	9.2	15.27	4.09	10.7	17.8
Number of Samples	316	316	316	364	364	364
Maximum	12.29	64.28	106.7	16.42	4324.51	7178.69
Minimum	0.47	1.11	1.84	0.47	1.02	1.69
24hr Exceedances	0	1	N/A	0	9	N/A

Note.

¹TSP has been calculated based on PM₁₀ results (1.66 x PM₁₀).

No monitoring data were available from the NE monitor for the period 1 January 2025 to 17 February 2025. This was due to the failure of the airflow sensor, despite the best efforts of the site to diagnose the issue and order replacement parts, the unit was not back in service until February 18th, 2025. The Department was notified on 19th March 2025. During the 2025 reporting period, one exceedance (64.28 µg/m³) of the applicable PM₁₀ 24-hour criterion was recorded at this monitor on September 10th, 2025. A further scheduled monitoring event was missed on 31 October 2025.

The annual average PM₁₀ concentration recorded at the south-west (SW) monitor during the 2025 reporting period was 48.9 µg/m³. This exceeds the applicable annual average criterion of 25 µg/m³. Of the 365 possible sampling events during the reporting period, 364 samples were collected, with one missed sample occurring on 31 October 2025.

A total of 9 exceedances of the applicable 24-hour PM₁₀ criterion were recorded at the SW monitor during 2025. The recorded 24-hour exceedances, together with the exceedance of the annual average criterion, constitute non-compliances with Schedule 2, Condition B19 of SSD-10417.

As discussed further in **Table 14**, the SW monitor experienced periods of anomalous readings as a result of technical issues with the monitor and supporting online services. This led to periods of significantly increased PM₁₀ readings, unrelated to site operations, which have influenced the annual average. **Table 13** also provides the annual averages excluding these anomalous periods, which is compliant with the PM₁₀ criteria.

Table 14: Air Quality PM10 exceedances

Date	PM ₁₀ (µg/m ³) 24hr	Details
08/04/2025	2053.96	On 8 April 2025 a component failure in the monitoring unit resulted in inaccurate readings. A replacement part was ordered immediately upon discovering the component failure. Lead time for the replacement part to arrive resulted in inaccurate readings until the monitor was repaired on 14 April 2025.
09/04/2025	2216.08	
10/04/2025	4324.51	
11/04/2025	3016.88	
13/04/2025*	2007.70	
14/04/2025	580.19	The matter was reported to DPHI as required.
25/11/2025	77.98	Holcim liaised with the monitoring contractor to investigate the anomalous exceedances. It was confirmed that the unit supplier had a system reset issue in the aeroqual portal, which resulted in incorrect readings.
26/11/2025	51.23	
04/12/2025	66.50	

*Note: As 13 April 2025 was a Sunday, Dubbo Quarry was not operational.

Long-term Trends

This is the second year of air quality monitoring at the site. 2025 saw an improvement in data capture since the initial monitor establishment issues experienced in 2024; however, some missed monitoring events also occurred in 2025. Over the two-year period, the NE monitor has shown generally compliant results. In comparison, 2024 data was better than 2025 due to 3 cycles of exceedances in April, November and December. Exceedances were attributed mainly to incorrect data due to equipment and system malfunction which are now resolved. Overall, the long-term trend indicates that air quality impacts remain localised to the SW monitoring location.

Comparison to EIS Predictions

In 2025, valid air quality monitoring results were higher than the levels predicted in the EIS on ten occasions. In addition, the annual average PM₁₀ concentration recorded at the SW monitor was above the EIS predicted level and the applicable criterion. These results indicate some variation between the monitored outcomes and the impact levels predicted in the EIS.

6.3.4 Management Measures

Management measures relating to air quality are outlined within Section 4 of the Dubbo Quarry Air Quality Management Plan. These include:

- Discussion of the weather conditions and dust considerations at daily pre-shift meetings;
- Modifying or suspending the planned activities, as appropriate, to minimise dust impacts;
- Quarry design, including progressive rehabilitation, use of gravel roads and paving the access road; and
- Water sprays on stockpiles and exposed areas.

The Air Quality Management Plan was approved by DPHI on 26 September 2023.

6.3.5 Proposed Improvements

The Quarry will continue to implement their Air Quality Management Plan to meet the requirements outlined in the Development Consent.

6.4 BLASTING

6.4.1 EIS Predictions

A NVIA in the EIS (2021) considered the potential blasting (vibration) impacts of the proposed extension on nearby sensitive receiver locations.

The EIS (2021) stated 'no exceedance of the relevant sleep disturbance screening criteria is predicted due to site operations. Potential impacts of blasting were also assessed in the NVIA, with permissible maximum instantaneous charges (MICs) recommended for each project area to ensure compliance with the relevant air blast overpressure and ground vibration criteria. Road traffic noise levels under a worst-case maximum production scenario are predicted to satisfy the relevant criteria'.

6.4.2 Approved Criteria

The blasting criteria for the Quarry is shown in **Table 15** Error! Reference source not found.. This criterion is taken from the blasting criteria in Table 4 of Condition B8 of the Development Consent.

Table 15: Blasting criteria for Dubbo Quarry

Location	Airblast overpressure (dB (Lin Peak))	Ground vibration (mm/s)	Allowable exceedance
Any residence on privately-owned land	120	10	0%
	115	5	5% of the total number of blasts over a calendar year

6.4.3 Key Environmental Performance

Results of the blast monitoring undertaken within the reporting period are shown below in **Table 16**. All blasts were compliant with air blast overpressure and ground vibration limits.

Table 16: 2025 Blast monitoring results

Blast Number	Date	Result	
		Overpressure (dBL)	Ground Vibration (mm/s)
1	20/01/2025	103.9	2.374
2	11/03/2025	104.4	3.25
3	03/06/2025	106.6	2.98

Blast Number	Date	Result	
		Overpressure (dBL)	Ground Vibration (mm/s)
4	11/08/2025	108	2.48
5	30/09/2025	107	2.89
6	03/12/2025	112	3.74

Long-term Trends

Review of blasting records indicates a stable and compliant trend in blasting performance over the past two reporting years. During 2024, 7 blasts were undertaken and all monitored outcomes complied with the applicable criteria. During 2025, all 6 blasts complied with the applicable criteria.

Overall, the results demonstrate continued effective management of blasting activities.

Comparison to EIS Predictions

The results for blasting were within the limits of the EIS predictions.

6.4.4 Management Measures

Management measures relating to blasting are outlined within Section 4 of the Dubbo Quarry Air Quality Management Plan. These include:

- Carrying out blasting within the operating hours outlined in Condition A12 of the Development Consent;
- Conducting blasts in accordance with Condition B17 of the Development Consent;
- Delaying blast shots during unfavourable weather (where practical); and
- Designing blast areas to minimise the number of blasts needed per year.

6.4.5 Proposed Improvements

There are no proposed improvements regarding blasting for the next reporting period.

6.5 TRAFFIC MANAGEMENT

6.5.1 EIS Predictions

A Traffic Impact Assessment (TIA) was completed for the EIS (2021), which describes the existing local and regional traffic network surrounding the existing site and assesses the impacts of the project on that network.

The EIS (2021) stated 'project-related heavy vehicles during the project will have no significant impact to the capacity of the local or regional road network and will not significantly impact the performance of the intersection of Sheraton Road and Mitchell Highway. The Mitchell Highway and Sheraton Road in proximity to the Quarry are considered to have good local traffic safety conditions currently given the low number of reported crashes (one crash per year), which is expected to continue through project operation. However, a road safety audit was prepared for the project as requested by the SEARs. The audit identified several potential safety items, most of are the result of school bus and light vehicle traffic movements on Sheraton Road'.

6.5.2 Approved Criteria

The site is required to operate traffic and manage transport through compliance with the requirements of the conditions from the Development Consent listed below:

Extraction, Importation and Transportation Limits

A11. The Applicant must limit heavy vehicles leaving the site to:

- (a) 20 laden trucks per hour; and*
- (b) 121 laden trucks per day.*

Note: Heavy vehicle movements to and from the site are also controlled by the operating hours specified in condition A12 and provisions in condition B44.

Transport

Monitoring of Product Transport

B42. The Applicant must keep accurate records of all laden heavy vehicle movements from the site (including hourly heavy vehicle movements) and provide a summary of these records to the Department on request.

Road Upgrades

B43. The Applicant is required to enter into a Works Authorisation Deed (WAD) with Council before finalising the design or undertaking any construction work within or connecting to the road reserve of Sheraton Road.

Transport Operating Conditions

B44. The Applicant must:

- (a) adhere to the approved haulage route shown in Appendix 4, unless otherwise agreed by the Planning Secretary in consultation with Council;*
- (b) ensure that all laden heavy vehicles entering or exiting the site have their loads covered;*
- (c) ensure that no heavy vehicles arrive at the site prior to 4:00 am;*
- (d) take all reasonable steps to minimise traffic safety issues and disruption to local road users; and*
- (e) take all reasonable steps to ensure that appropriate signage is displayed on all heavy vehicles used to transport quarry products from the development so they can be easily identified by other road users.*

6.5.3 Key Environmental Performance

Dubbo Quarry undertook monitoring of truck movements daily throughout 2025 to ensure compliance with movements and volume requirements discussed above. A copy of these monitoring results has been included in **Table 17**.

Table 17: Monthly Truck movements for 2025

Month of 2025	Total Number of Laden Truck Movements
January	662
February	715
March	613
April	534
May	686
June	642
July	730
August	1046
September	1283
October	1683
November	1244
December	871
Total	10,709

There was a total of 10, 709 laden loads exported from Dubbo Quarry in 2025. There were no reportable transport incidents or exceedances.

6.5.4 Management Measures

Management measures relating to traffic are outlined within Section 4 of the Dubbo Quarry Traffic Management Plan. These include:

- Following procedures outlined in the Driver's Code of Conduct (Appendix A of the Traffic Management Plan);
- Adhere to the relevant conditions in the Development Consent;
- Use appropriate site access;
- Vehicle parking in designated parking areas;
- Following all signposted speed limits within and outside of the site; and
- Initial induction and regular staff training thereafter including toolbox talks and staff meetings.

The Traffic Management Plan was approved by DPHI on 22 September 2023.

6.5.5 Proposed Improvements

There are no proposed improvements related to traffic management for the next reporting period.

6.6 BIODIVERSITY

6.6.1 EIS Predictions

A Biodiversity Development Assessment Report (BDAR) was prepared as part of the EIS (2021).

The EIS (2021) stated 'the project has been designed to avoid significant clearing and to minimise the impacts to biodiversity values. Efforts were made to avoid those woodland areas with larger patch size and greater connectivity to other areas of habitat outside of the disturbance area.

Most vegetation within the project area is highly degraded and of low quality. In accordance with SSD 10417 (MOD1) the project will require clearance of 6.12 ha of native vegetation that will be cleared for the project. This will require an offset to be provided to retire 141 ecosystem credits. The disturbance area has low importance for threatened flora or fauna species. Targeted surveys did not detect any threatened species, and no species credits are required. Additionally, there will be no significant impacts to Matters of National Environmental Significance (MNES)'.

6.6.2 Approved Criteria

There are no specific criteria relating to biodiversity within the Development Consent. However, Condition B48 outlines the requirement to complete a Biodiversity Offset Strategy and Condition B49 outlines the requirement to complete a Biodiversity Management Plan.

6.6.3 Key Environmental Performance

Dubbo Quarry implemented the Biodiversity Management Plan during the reporting period. In 2025, Dubbo Quarry was in an early phase of the continuation project, with management measures from pre-

quarrying and disturbance phases triggered.

Long-term Trends

There are no long-term trends related to biodiversity to report on yet. Future Annual Reviews will identify long term trends when trends emerge.

Comparison to EIS Predictions

There was no comparison to be made to the EIS predictions as no biodiversity monitoring was carried out within the reporting period.

6.6.4 Management Measures

Management measures relating to biodiversity are outlined within Section 3 of the Dubbo Quarry Biodiversity Management Plan. These include:

- Weed and pest management;
- Salvaging of habitat trees and other resources;
- Marking disturbance boundaries through fencing or flagging;
- Bushfire management;
- Rehabilitation and biodiversity offset area monitoring;
- Erosion and sedimentation control; and
- Retainment and/or establishment of vegetation screening surrounding the Project area.

6.6.5 Proposed Improvements

There are no proposed improvements related to biodiversity for the next reporting period.

6.7 ABORIGINAL HERITAGE

6.7.1 EIS Predictions

A preliminary Aboriginal cultural heritage assessment (ACHA) was conducted as part of the EIS (2021) which assessed the potential Aboriginal cultural heritage impacts associated with the project.

The EIS (2021) stated 'a search of the Aboriginal Heritage Information Services (AHIMS) database identified 78 sites within a 10 km x 10 km search area centered on the project area. There are no AHIMS sites recorded within the project area. During a site visit, four Aboriginal sites were identified within the project area. No modified trees, ceremonial sites, Aboriginal stone arrangements, rock art or burials were identified within the project area.

The project will require the removal of one identified Aboriginal site, DQ-IF1, which consists of an isolated artefact and is assessed as a site of low archaeological significance. The design of the current project

avoids impact on all remaining identified Aboriginal sites. Relocation by a qualified archaeologist is proposed for Aboriginal site DQ-IF1. All other identified sites within the project area will be conserved under the project’.

6.7.2 Approved Criteria

The site is required to manage heritage through compliance with the requirements of the conditions from the Development Consent listed below:

HERITAGE

Protection of Aboriginal Heritage

B52. The Applicant must ensure that the development does not cause any direct or indirect impact on any identified Aboriginal object located outside the approved disturbance areas, beyond those predicted in the document/s listed in condition A2(c).

B53. If any previously unknown Aboriginal object or Aboriginal place is discovered on the site, or suspected to be on the site:

- a) all work in the immediate vicinity of the object or place must cease immediately;*
- b) a 10-metre buffer area around the object or place must be cordoned off; and*
- c) Heritage NSW and the Department must be contacted immediately.*

B54. Work in the immediate vicinity of any newly discovered Aboriginal object or place may only recommence if:

- a) the potential Aboriginal object or place is confirmed by Heritage NSW in consultation with the Registered Aboriginal Parties, not to be an Aboriginal object or Aboriginal place; or*
- b) The Planning Secretary is satisfied as to the measures to be implemented in respect of the Aboriginal object or place and makes a written direction in that regard.*

B55. The Applicant must ensure:

- a) salvage of known Aboriginal objects within the disturbance footprint occurs in accordance with the procedures and commitments detailed in the document/s listed in condition A2(c);*
- b) that all known Aboriginal objects or Aboriginal places on the site are properly recorded, those records are kept up to date and are reported to the Aboriginal Heritage Information Management System;*
- c) all workers receive suitable Aboriginal cultural heritage training/inductions prior to carrying out any activities which may cause impacts to Aboriginal objects or places, and that suitable records are kept of these inductions;*
- d) that the Applicant facilitates ongoing consultation and involvement of Registered Aboriginal Parties in the conservation and management of Aboriginal cultural heritage on the site; and*

- e) *the appropriate care, control and storage of Aboriginal objects salvaged on the site, both during the life of the development and in the long-term occurs in consultation with Registered Aboriginal Parties.*

6.7.3 Key Environmental Performance

There were no issues relating to Aboriginal Heritage during the reporting period.

6.7.4 Management Measures

Management measures relating to Aboriginal heritage are outlined within the Dubbo Quarry Aboriginal Cultural Heritage Management Plan (2023). These include:

- Consultation with Aboriginal stakeholders during the preparation of the Dubbo Quarry Aboriginal Cultural Heritage Management Plan;
- Records of known sites of Aboriginal heritage significance;
- The Quarry Manager or delegate will undertake monthly inspections of the known Aboriginal and cultural heritage sites;
- Training of staff and contractors; and
- Procedure for impacts of unexpected finds.

6.7.5 Proposed Improvements

There are no proposed improvements related to heritage management for the next reporting period.

6.8 WASTE MINIMISATION

6.8.1 Approved Criteria

The site is required to manage waste minimisation through compliance with the requirements of the conditions from the Development Consent listed below:

WASTE

B66. The Applicant must:

- a) *manage onsite sewage treatment and disposal in accordance with the requirements of an applicable EPL and/or Council approval;*
- b) *classify all waste in accordance with the Waste Classification Guidelines (EPA, 2014);*
- c) *minimise the waste generated by the development;*
- d) *ensure that the waste generated by the development is appropriately stored, handled, and disposed of; and*
- e) *monitor and report on waste minimisation and management in the Annual Review referred to in condition D9.*

6.8.2 Key Environmental Performance

A summary of the waste generated by the Quarry is shown below in **Table 18**.

Table 18: Waste Summary

Waste Type	2025 (approximate volumes)	2024 (approximate volumes)	2023 (approximate volumes)
General Waste - Rubbish	-	36 m ³	45 m ³
General Waste - Cardboard	-	16.5 m ³	10.5 m ³
*General Waste - Putrescible	58.5 m ³	Nil	Nil
Waste Oil	6,550 L	8,000 L	16,000 L

*Note: 2025 change in waste reporting categories with new general waste category.

The volume of general waste produced by Dubbo Quarry was consistent with previous years. The volume of waste oil has declined since 2023.

6.8.3 Management Measures

Waste generated at the Quarry include general waste and recyclable products produced at the administration building, and processing and maintenance areas. These wastes are then collected by a licensed contractor. Dubbo Quarry will continue to separate waste into the appropriate waste streams for disposal.

6.8.4 Proposed Improvements

There are no proposed improvements to waste management for 2025, however the Quarry will continue to look for opportunities to reduce waste where possible.

7 Water Management

7.1 EIS PREDICTIONS

The EIS states ‘the water balance modelling completed for the proposed water management system predicts that the project will effectively reduce discharges to Eulomogo Creek. This will beneficially impact the natural water quality and flow Eulomogo Creek. This is consistent with objectives for uncontrolled streams and major regulated rivers stipulated in NSW Water Quality and River Flow Objectives (DECCW 2006).

The key outcomes of the proposed water management system include:

- Groundwater inflows into new and existing quarry pits will be minimised (from approximately 191 ML/year to 27 ML/year in a dry year scenario); and
- The frequency and magnitude of discharges from the East Pit and sedimentation dams will be substantially reduced (with minor discharges predicted only from sediment basin overflows during dry years and median years, and discharge volumes during wet years decreasing from 411 ML/year to 169 ML/year).

7.2 APPROVED DEFAULT GUIDELINE VALUES

The Quarry monitors water quality according to the approved *Water Management Plan* and use the default guideline values (DGVs) derived from the *Australian & New Zealand Guidelines for Fresh & Marine Water Quality (ANZG 2018)*. These DGVs are shown in **Table 19** below. The water monitoring locations are shown in **Figure 5**.

Table 19: Water quality monitoring guideline values (ANZG 2018)

Analyte	Units	DGV (Source - ANZG (2018))
Turbidity	NTU	<20
pH	pH units	7.0-8.0
Electrical Conductivity (EC)	(µs/cm)	504
Total Suspended Solids (TSS)	mg/L	-
Total Dissolved Solids (TDS)	µg/L	-
Total Hardness (caCO ₃)	mg/L	-
Total Phosphorus	mg/L	<0.035
Reactive Phosphorus	mg/L	0.035
Total Nitrogen	mg/L	<0.6
Ammonia	mg/L	0.013
Oxidised Nitrogen (Nox)	mg/L	0.6
Total Kjeldahl Nitrogen (TKN)	mg/L	-

Analyte	Units	DGV (Source - ANZG (2018))
Aluminium (Al)	mg/L	0.055
Copper (Cu)	mg/L	0.00001
Iron (Fe)	mg/L	0.3
Nickel (Ni)	mg/L	0.011
Zinc (Zn)	mg/L	0.008

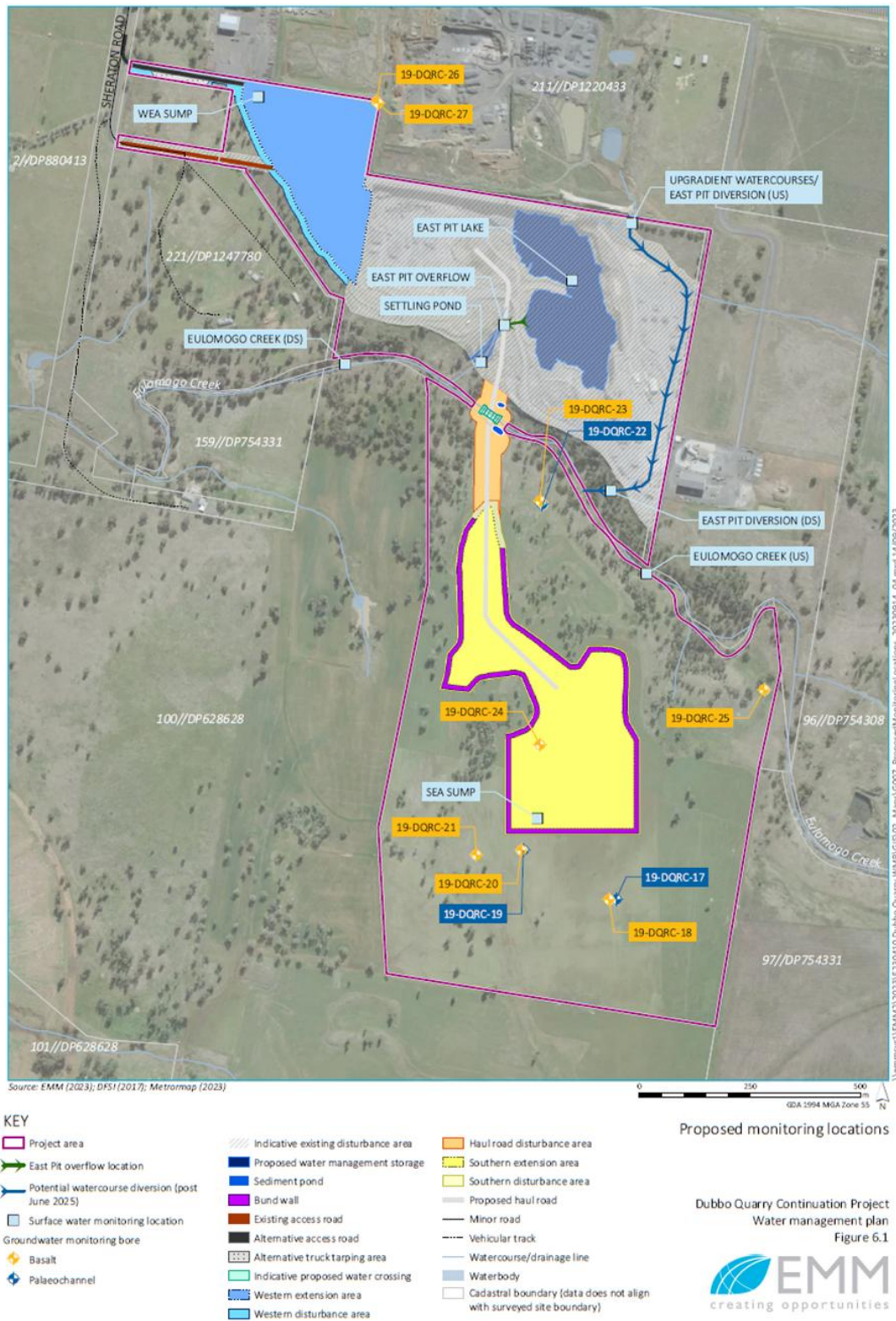


Figure 5: Water monitoring locations (source: Water Management Plan 2024)

7.3 SURFACE WATER RESULTS

Dubbo is required to conduct surface water monitoring across the site on a six-monthly basis. The surface water monitoring results for the 2025 reporting period are shown below in **Table 20** to **Table 22**. When reviewing these results, it should be noted that the Upgradient Watercourses, Eulomogo Creek (US and DS) were dry during both monitoring events. In addition, while the WEA Sump and SEA Sump are stipulated in the Water Management Plan, these points did not exist in 2025 due to the stage of the quarry expansion and therefore do not have associated monitoring results.

Table 20: Summary of Results Surface Water 2025 - Physio-chemical parameters

Sample ID	EC (µs/cm)		pH		Turbidity (NTU)		TSS (mg/L)		TDS (µg/L)		Total Hardness (caCO ₃) (mg/L)	
	08/04/25	21/10/25	08/04/25	21/10/25	08/04/25	21/10/25	08/04/25	21/10/25	08/04/25	21/10/25	08/04/25	21/10/25
Upgradient Watercourses	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Eulomogo Creek (US)	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Eulomogo Creek (DS)	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Settling Pond	794	990	8.2	7.7	6.9	14.6	11	300	508,000	574-	240	250
East Pit Lake	833	897	8.6	8.9	22	37.4	8.1	56	533,000	633	260	220

Note: exceedances of the Default Guideline Values (shown in Table 18) are highlighted in **BOLD**.

Table 21: Summary of Results Surface Water 2025 - Physio-chemical parameters continued

Sample ID	Ammonia (mg/L)		Oxidized Nitrogen (Nox) (mg/L)		Total Kjeldahl Nitrogen (TKN) (mg/L)		Total Nitrogen (mg/L)		Reactive Phosphorus (mg/L)		Total Phosphorus (mg/L)	
	08/04/25	22/10/25	08/04/25	22/10/25	08/04/25	22/10/25	08/04/25	22/10/25	08/04/25	22/10/25	08/04/25	22/10/25
Upgradient Watercourses	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Eulomogo Creek (US)	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Eulomogo Creek (DS)	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Settling Pond	0.02	0.12	0.05	0.14	1.1	0.2	1.1	0.2	0.05	0.05	0.05	0.05
East Pit Lake	0.08	0.11	0.05	0.14	0.8	0.3	0.8	0.4	0.05	0.05	0.03	0.03

Note: exceedances of the Default Guideline Values (shown in Table 18) are highlighted in **BOLD**.

Table 22: Summary of Results Surface Water 2025 - Metals

Sample ID	Aluminium (Al) (mg/L)		Copper (Cu) (mg/L)		Iron (Fe)		Nickel (Ni) (mg/L)		Zinc (Zn) (mg/L)	
	08/04/25	22/10/24	08/04/25	22/10/24	08/04/25	22/10/24	08/04/25	22/10/24	08/04/25	22/10/24
Upgradient Watercourses	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Eulomogo Creek (US)	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Eulomogo Creek (DS)	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Settling Pond	0.05	0.05	0.001	0.001	0.05	0.05	0.001	0.001	0.014	0.005
East Pit Lake	0.05	0.05	0.001	0.001	0.05	0.05	0.001	0.001	0.005	0.005

Note: exceedances of the Default Guideline Values (shown in **Table 18**) are highlighted in **BOLD**.

Long-term Trends

There are no long-term trends related to surface water monitoring to report on as site only commenced operations on 20 November 2023.

Comparison to EIS Predictions

Majority of the annual average values for the water quality targets exceeded the EIS predictions. Holcim did not receive any complaints relating to surface water during the reporting period.

7.4 GROUNDWATER RESULTS

Biannual groundwater water level was monitored in 2025. These results are presented in **Table 23**.

Table 23: Well Pump Level Monitoring

Month	Sample Date	Water Level (m)	
		2025	2024
April	04/09/2025	282.1	3.9
October	22/10/2025	276.09	1.5

There are currently no long-term trends as the monitoring program for the Continuation Project has only recently been approved. As part of the Annual Review, Holcim will identify long term trends when they emerge.

7.4.1 Water Take

The water entitlements at Dubbo Quarry are summarised in **Table 24** below. Holcim took a combined 22 megalitres (ML) during the 2025 reporting period. Therefore, Holcim are compliant with their combined entitlements under the WALs.

Table 24: Water licenses and entitlements

Water License	Water Sharing Plan, Source and Management Zone (as applicable)	Entitlement
WAL29524	MDB Porous Rock Groundwater 2020: Gunnedah-Oxley Water Source	5 units (ML)
WAL34573	MDB Porous Rock Groundwater 2020: Gunnedah-Oxley Water Source	90 units (ML)

7.5 WATER USE AND STORAGE

Effective control of erosion and sediment movement at the site is carried out in accordance with Section 4.2 of the Dubbo Quarry Water Management Plan. All management measures were developed in accordance with Managing Urban Stormwater: Volume 1 (Landcom 2004) and Volume 2E (DECC 2008). These measures include:

- Sedimentation basins;
- Minimisation of disturbed areas;
- Drainage works to divert runoff from disturbed areas to a pit sump;
- Diversion of clean water from undisturbed areas around working areas; and
- Effective general management of surface water during operations.

7.6 PROPOSED IMPROVEMENTS

Dubbo Quarry is currently in the process of reviewing the Water Management Plan in accordance with its review and revision requirements.

8 Rehabilitation Management

8.1 REHABILITATION PERFORMANCE DURING THE REPORTING PERIOD

There was no rehabilitation completed during the reporting period.

8.2 SUMMARY OF THE CURRENT REHABILITATION AND DISTURBANCE

A summary of the rehabilitation and disturbance status is outlined in **Table 25**.

Table 25: Rehabilitation and Disturbance Status

Quarry Area Type	2023 (ha)	2024 (ha)	2025 (ha)	2026 (Predicted) (ha)
A. Total Quarry Footprint ¹	36.1	39.0	39.0	41.3
B. Total Active Disturbance ²	36.1	39.0	39.0	41.3
C. Land Being Prepared for Rehabilitation ³	0	0	0	0
D. Land Under Active Rehabilitation ⁴	0	0	0	0
E. Completed Rehabilitation ⁵	0	0	0	0

Note: Areas are based on a review of GIS.

¹Total disturbance and rehabilitation.

²Total disturbance within the Development Consent boundary

³Rehabilitation being shaped in a phase of decommissioning, landform establishment and growth medium development.

⁴Rehabilitation under a phase of ecosystem and land use establishment or ecosystem and land use sustainability

⁵This refers to rehabilitation that has been signed off from the Resources Regulator.

8.3 ACTIONS FOR THE NEXT REPORTING PERIOD

The DPHI 2015 Annual Review Guidelines require the Annual Review to outline the rehabilitation actions proposed during the next reporting period. A Rehabilitation Management Plan for Dubbo Quarry has been submitted to the DPHI but is not yet approved. Therefore, due to the early stage of the project, there are currently limited opportunities for rehabilitation actions.

9 Summary of Environmental Performance

A summary of the performance of environmental management measures and sampling results are detailed in **Table 26**.

Table 26: Environmental performance summary for 2025

Aspect	Approval Criteria/EIS Prediction	Performance During the Reporting Period	Trend/Key Management Implications	Implemented/Proposed Management Actions
Noise	The EIS stated: Construction noise management levels (NMLs) will be exceeded at two of the closest noise sensitive receivers. However, noise generating construction work will be relatively short in nature (up to eight weeks) and during standard hours (day) only. During operation of the project, NMLs will be exceeded at several assessment locations.	All noise monitoring results were compliant in 2025.	Holcim will continue to refer to the management measures outlined in the approved Noise Management Plan.	No additional actions proposed for 2025.
Air Quality	The EIS stated: Predicted concentrations and deposition rates for incremental particulate matter will be below the applicable impact assessment criteria at all assessment locations.	There were 10 exceedances in PM ₁₀ in 2025. The PM ₁₀ average was above the annual criteria at the SW monitor. A 6-week data gap from the NE monitor occurred during the months of January and February.	Holcim will continue to refer to the management measures outlined in the approved Air Quality Management Plan.	Holcim will continue to implement the air quality monitoring program.
Blasting	The EIS predicted no exceedance in overpressure and vibration.	All blasts were compliant in 2025.	Holcim will continue to refer to the management measures outlined in the approved Air Quality Management Plan.	No additional actions proposed for 2025.

Aspect	Approval Criteria/EIS Prediction	Performance During the Reporting Period	Trend/Key Management Implications	Implemented/Proposed Management Actions
Water Management	The EIS stated: "There will be no significant change to the amount of operational water used, apart from additional water used for dust suppression purposes." "There will be no impact to local groundwater users, both landowners and potential groundwater dependent ecosystems, as there will be no groundwater take or change to groundwater levels or quality as a result of the project."	Water monitoring was completed as per the Water Management Plan. Holcim remained within allocations for water take in the reporting period. There were no reportable incidents for water in 2025.	Holcim will identify trends in future Annual Reviews as they emerge in the monitoring data. Holcim will continue to refer to the management measures outlined in the approved Water Management Plan.	No additional actions proposed for 2026.
Rehabilitation	The project area will be progressively rehabilitated during operation of the project, where possible.	No rehabilitation occurred in the reporting period.	Holcim will continue to refer to the management measures outlined in the EIS and the Rehabilitation Management Plan once approved.	No additional actions proposed for 2026.
Biodiversity	The majority of vegetation within the project area is highly degraded and of low quality.	There were no biodiversity issues identified in the reporting period.	Holcim will continue to refer to the management measures outlined in the approved Biodiversity Management Plan.	No additional actions proposed for 2025.
Heritage	The EIS identified one aboriginal heritage site (DQ-IF1) in the project footprint. This find was relocated.	There were no additional heritage finds in 2025. There were no heritage issues identified in the reporting period.	Holcim will continue to refer to the management measures outlined in the EIS and the approved Aboriginal Cultural Heritage Management Plan.	No additional actions proposed for 2026.

10 Community

10.1 COMMUNITY ENGAGEMENT ACTIVITIES

Holcim has maintained community engagement measures during the reporting period by undertaking the following activities in accordance with Condition D15 of the Development Consent:

- Maintenance of a website (containing publicly available documents);
- A telephone number, email and postal address (on the website) for community complaints and feedback;
- A copy of the Complaints Register is maintained on the company website; and
- All documents and items displayed on the website are regularly updated by Holcim staff.

Dubbo Quarry is required to have a Community Consultative Committee (CCC). In 2025, the CCC met on 18 August. Moving forward, the CCC agreed on annual meetings as the quarry was in a relatively steady state. The CCC meeting minutes are made publicly available on the Dubbo Quarry website.

10.2 COMMUNITY CONTRIBUTIONS

There were no community contributions in 2025.

10.3 COMPLAINTS

A review of the Holcim Complaints Register did not identify any complaints from external stakeholders during the reporting period. The monthly reports for the complaints register are available to the public on the Holcim website.

Information to contact the site or to make a complaint is available on the Quarry site webpage (<https://www.holcim.com.au/dubbo-quarry>).

11 Independent Environmental Audit

Holcim was required to undertake an IEA within 12 months of the date of commencement of operations in accordance with Condition D11 of the Development Consent. The IEA site inspection component was completed in December 2024.

The IEA concluded that the Dubbo Quarry Continuation Project is being implemented with a high standard of environmental management and is compliant with the majority of applicable approval and operational requirements. The audit found the project to be well resourced, with capable personnel responsible for operational and environmental management. The Project's positive standing with regulators and the community was noted. It was also recognised as making a positive contribution to the region. The audit identified that continued attention to environmental approval requirements, along with implementation of the audit recommendations and observations, will assist in maintaining strong compliance and environmental performance.

Holcim prepared an action plan in response to recommendations within the IEA. **Table 27** provides the recommendations provided by the auditors.

The next IEA is due in November 2027.

Table 27: IEA Recommendations and Response

Condition of Consent	Requirement	Non-compliance Identification Number	Recommendation	Response from Site
SSD 10417				
Part B Condition B68	The Applicant must ensure that all tanks and similar storage facilities (other than for water) are protected by appropriate bunding or other containment, in accordance with the relevant Australian Standards.	NC 1	A. A dedicated bunded liquid chemical storage area should be provided inside the workshop. B. All liquid chemical containers (drums, IBCs etc.) should be stored on portable bunds (pallet bund) as a temporary measure. C. Protection such as bollards or other exclusion device should be established to protect the bitumen emulsion tank. D. The hot mix loading tank is to be upgraded to include a roof that prevents rainfall ingress to the bund, a bunded 'drip bay' for storage of small containers or solvents and the pump outlet.	- All chemical storage is on compliant bunds & suitable as per site risk assessment. - Roof to cover the emulsion tank area not yet completed. - Bollards installed at precoat tank.
Part B Condition B70	The Applicant must: (a) ensure that the development provides for asset protection in accordance with the relevant requirements in the Planning for Bushfire Protection (RFS, 2019) guideline and ensure that there is suitable equipment to respond to any fires on the site; and (b) assist the RFS and emergency services to the extent practicable if there is a fire in the vicinity of the site.	NC 2	When the diversion drain is installed, the tank will need to be moved. The bitumen emulsion tank (and associated infrastructure) is to be moved to the southern side of the hardstand pad (or alternative location with >10 m separation), to maximise distance from combustible vegetation. If the diversion is not constructed towards the end of 2025, the audit team suggests the tank and infrastructure should still be moved before the 2025-26 summer season.	Chemical in this tank is non-flammable, risk assessment suggests awaiting for diversion drain project to commence H2 2026 satisfactory. Fire risk is Nil.

12 Incidents and Non-Compliances

Table 28 summarises the incidents and non-compliances at the Quarry in the reporting period.

Table 28: Summary of incidents and non-compliances

Approval	Condition	Incident/Non-Compliance
SSD 10417	Schedule 2 Condition B19	The NE monitor failed to provide monitoring results from 01 January 2025 to 17 February 2025. One exceedance was recorded of 64.28 $\mu\text{g}/\text{m}^3$ on 10 September 2025. Monitoring was missed on 31 October 2025. A total of 9 exceedances of the applicable 24-hour PM10 criterion were recorded at the SW monitor during 2025. Monitoring was missed on 31 October 2025. The recorded 24-hour exceedances, together with the exceedance of the annual average criterion, constitute non-compliances with Schedule 2, Condition B19 of SSD-10417. • 08 April 2025 - 2035.96 $\mu\text{g}/\text{m}^3$ • 09 April 2025 - 2216.08 $\mu\text{g}/\text{m}^3$ • 10 April 2025 - 4324.51 $\mu\text{g}/\text{m}^3$ • 11 April 2025 - 3016.88 $\mu\text{g}/\text{m}^3$ • 13 April 2025 - 2007.70 $\mu\text{g}/\text{m}^3$ • 14 April 2025 - 580.19 $\mu\text{g}/\text{m}^3$ • 25 November 2025 - 77.98 $\mu\text{g}/\text{m}^3$ • 26 November 2025 - 51.23 $\mu\text{g}/\text{m}^3$ • 04 December 2025 - 66.50 $\mu\text{g}/\text{m}^3$

13 Activities to be Completed in the Next Reporting Period

Holcim staff will undertake the following works and improvement measures and projects in 2026 to ensure compliance with the consent and to ensure that effective environmental management controls are operating in accordance with the requirements of the Consent. **Table 29** outlines the activities planned for the 2026 calendar year, the next reporting period.

Table 29: Planned activities or improvement measures for 2025

Topic	Description of Activities or Improvement Measures
Install a clean water diversion (East Pit surface water diversion) as per Condition B33.	Construction to commence in 2026

Appendix A – Air Quality Monitoring Results 2025

Sample Date	NE Monitor		
	PM2.5 (µg/m³)	PM10 (µg/m³)	TSP (µg/m³)
1/01/2025	N/A	N/A	N/A
2/01/2025	N/A	N/A	N/A
3/01/2025	N/A	N/A	N/A
4/01/2025	N/A	N/A	N/A
5/01/2025	N/A	N/A	N/A
6/01/2025	N/A	N/A	N/A
7/01/2025	N/A	N/A	N/A
8/01/2025	N/A	N/A	N/A
9/01/2025	N/A	N/A	N/A
10/01/2025	N/A	N/A	N/A
11/01/2025	N/A	N/A	N/A
12/01/2025	N/A	N/A	N/A
13/01/2025	N/A	N/A	N/A
14/01/2025	N/A	N/A	N/A
15/01/2025	N/A	N/A	N/A
16/01/2025	N/A	N/A	N/A
17/01/2025	N/A	N/A	N/A
18/01/2025	N/A	N/A	N/A
19/01/2025	N/A	N/A	N/A
20/01/2025	N/A	N/A	N/A
21/01/2025	N/A	N/A	N/A
22/01/2025	N/A	N/A	N/A
23/01/2025	N/A	N/A	N/A
24/01/2025	N/A	N/A	N/A
25/01/2025	N/A	N/A	N/A
26/01/2025	N/A	N/A	N/A
27/01/2025	N/A	N/A	N/A
28/01/2025	N/A	N/A	N/A
29/01/2025	N/A	N/A	N/A
30/01/2025	N/A	N/A	N/A
31/01/2025	N/A	N/A	N/A
1/02/2025	N/A	N/A	N/A
2/02/2025	N/A	N/A	N/A
3/02/2025	N/A	N/A	N/A
4/02/2025	N/A	N/A	N/A
5/02/2025	N/A	N/A	N/A
6/02/2025	N/A	N/A	N/A
7/02/2025	N/A	N/A	N/A
8/02/2025	N/A	N/A	N/A

Sample Date	NE Monitor		
	PM2.5 (µg/m³)	PM10 (µg/m³)	TSP (µg/m³)
9/02/2025	N/A	N/A	N/A
10/02/2025	N/A	N/A	N/A
11/02/2025	N/A	N/A	N/A
12/02/2025	N/A	N/A	N/A
13/02/2025	N/A	N/A	N/A
14/02/2025	N/A	N/A	N/A
15/02/2025	N/A	N/A	N/A
16/02/2025	N/A	N/A	N/A
17/02/2025	N/A	N/A	N/A
18/02/2025	2.9	8.56	14.21
19/02/2025	4.78	17.8	29.55
20/02/2025	5.17	13.09	21.73
21/02/2025	4.18	7.65	12.70
22/02/2025	4.28	7.38	12.25
23/02/2025	2.85	7.18	11.92
24/02/2025	4.62	17.28	28.68
25/02/2025	8.49	14.28	23.70
26/02/2025	5.87	11.05	18.34
27/02/2025	5.63	13.61	22.59
28/02/2025	3.98	11.24	18.66
1/03/2025	2.32	11.01	18.28
2/03/2025	2.78	11.66	19.36
3/03/2025	5.18	11.44	18.99
4/03/2025	3.58	8.43	13.99
5/03/2025	4.49	12.33	20.47
6/03/2025	3.59	9.25	15.36
7/03/2025	1.86	5.68	9.43
8/03/2025	1.55	5.31	8.81
9/03/2025	2.63	6.86	11.39
10/03/2025	2.66	6.38	10.59
11/03/2025	1.26	2.94	4.88
12/03/2025	3.85	5.87	9.74
13/03/2025	3.74	13.69	22.73
14/03/2025	4.21	14.44	23.97
15/03/2025	2.26	7.09	11.77
16/03/2025	1.87	7.09	11.77
17/03/2025	7.82	33.2	55.11
18/03/2025	5.29	11.37	18.87
19/03/2025	4.09	10.55	17.51

Sample Date	NE Monitor		
	PM2.5 (µg/m³)	PM10 (µg/m³)	TSP (µg/m³)
20/03/2025	3.83	14.8	24.57
21/03/2025	3.88	19.2	31.87
22/03/2025	1.72	3.29	5.46
23/03/2025	5.13	7.14	11.85
24/03/2025	6.39	7.88	13.08
25/03/2025	4.13	6.25	10.38
26/03/2025	2.11	4.53	7.52
27/03/2025	2.54	5.6	9.30
28/03/2025	2.42	4.68	7.77
29/03/2025	0.6	1.49	2.47
30/03/2025	0.69	1.81	3.00
31/03/2025	1.02	4.4	7.30
1/04/2025	1.06	2.77	4.60
2/04/2025	3.57	7.1	11.79
3/04/2025	4.44	13.35	22.16
4/04/2025	4.73	14.68	24.37
5/04/2025	3.07	7.95	13.20
6/04/2025	2.02	5.33	8.85
7/04/2025	5.42	22.4	37.18
8/04/2025	3.76	10.25	17.02
9/04/2025	3.46	7.2	11.95
10/04/2025	2.62	6.35	10.54
11/04/2025	3.28	10.39	17.25
12/04/2025	4.92	9.45	15.69
13/04/2025	3.72	5.97	9.91
14/04/2025	4.69	12.73	21.13
15/04/2025	5	9.62	15.97
16/04/2025	5.17	11.46	19.02
17/04/2025	3.99	10.48	17.40
18/04/2025	4.25	9.39	15.59
19/04/2025	4.12	8.71	14.46
20/04/2025	3.3	8.1	13.45
21/04/2025	2.77	8.59	14.26
22/04/2025	1.82	5.48	9.10
23/04/2025	2.67	6.07	10.08
24/04/2025	5.22	10.01	16.62
25/04/2025	5.36	8.72	14.48
26/04/2025	2.74	4.87	8.08
27/04/2025	0.81	1.94	3.22

Sample Date	NE Monitor		
	PM2.5 (µg/m³)	PM10 (µg/m³)	TSP (µg/m³)
28/04/2025	1.6	4.34	7.20
29/04/2025	2.21	5.15	8.55
30/04/2025	1.34	3.47	5.76
1/05/2025	0.93	2.24	3.72
2/05/2025	1.88	3.73	6.19
3/05/2025	1.59	3.24	5.38
4/05/2025	1.96	3.84	6.37
5/05/2025	2.21	4.13	6.86
6/05/2025	2.26	5.68	9.43
7/05/2025	4.91	15.98	26.53
8/05/2025	3.94	12.1	20.09
9/05/2025	3.24	6.89	11.44
10/05/2025	2.15	4.22	7.01
11/05/2025	2.95	5.05	8.38
12/05/2025	2.95	5.01	8.32
13/05/2025	4.57	6.97	11.57
14/05/2025	4.35	8.11	13.46
15/05/2025	2.92	4.93	8.18
16/05/2025	2.93	7.91	13.13
17/05/2025	3.45	7.42	12.32
18/05/2025	2.94	5.94	9.86
19/05/2025	1.77	4.02	6.67
20/05/2025	2.53	5.96	9.89
21/05/2025	2.04	4.01	6.66
22/05/2025	1.54	3.48	5.78
23/05/2025	3.06	7.39	12.27
24/05/2025	2.51	5.83	9.68
25/05/2025	2.35	4.33	7.19
26/05/2025	2.28	4.48	7.44
27/05/2025	12.29	46.51	77.21
28/05/2025	3.29	9.42	15.64
29/05/2025	2.55	5.88	9.76
30/05/2025	2.91	5.47	9.08
31/05/2025	3.78	6.54	10.86
1/06/2025	3.19	4.43	7.35
2/06/2025	4.33	10.39	17.25
3/06/2025	2.01	4.64	7.70
4/06/2025	2.45	5.59	9.28
5/06/2025	2.53	5.02	8.33

Sample Date	NE Monitor		
	PM2.5 (µg/m³)	PM10 (µg/m³)	TSP (µg/m³)
6/06/2025	2.76	6.85	11.37
7/06/2025	3.71	6.15	10.21
8/06/2025	4.43	7.84	13.01
9/06/2025	2.69	3.89	6.46
10/06/2025	2.62	6.35	10.54
11/06/2025	2.99	7.69	12.77
12/06/2025	1.99	3.96	6.57
13/06/2025	2.09	6.54	10.86
14/06/2025	2.52	3.75	6.23
15/06/2025	2.16	3.37	5.59
16/06/2025	3.7	8.56	14.21
17/06/2025	2.72	6.47	10.74
18/06/2025	3.34	6.98	11.59
19/06/2025	4.66	10.27	17.05
20/06/2025	5.07	8.86	14.71
21/06/2025	3.96	6.39	10.61
22/06/2025	4.13	6.02	9.99
23/06/2025	2.95	6.54	10.86
24/06/2025	4.18	10.57	17.55
25/06/2025	4.44	12.05	20.00
26/06/2025	1.63	3.83	6.36
27/06/2025	1.97	3.54	5.88
28/06/2025	2.75	3.92	6.51
29/06/2025	4.17	5.56	9.23
30/06/2025	3.42	12.22	20.29
1/07/2025	3.28	7.96	13.21
2/07/2025	1.95	4.89	8.12
3/07/2025	1.45	3.48	5.78
4/07/2025	3.69	6.21	10.31
5/07/2025	7.7	8.83	14.66
6/07/2025	2.59	5.14	8.53
7/07/2025	4.24	8.38	13.91
8/07/2025	3.11	8.27	13.73
9/07/2025	4.49	14.35	23.82
10/07/2025	6.74	24.26	40.27
11/07/2025	4.83	12.23	20.30
12/07/2025	3.96	6.39	10.61
13/07/2025	4.39	6.72	11.16
14/07/2025	4.35	10.8	17.93

Sample Date	NE Monitor		
	PM2.5 (µg/m³)	PM10 (µg/m³)	TSP (µg/m³)
15/07/2025	6.28	12.8	21.25
16/07/2025	2.25	5.41	8.98
17/07/2025	3.27	7.37	12.23
18/07/2025	1.7	3.58	5.94
19/07/2025	3.43	4.89	8.12
20/07/2025	2.87	4.47	7.42
21/07/2025	2.15	4.18	6.94
22/07/2025	2.39	4.97	8.25
23/07/2025	2.36	5.43	9.01
24/07/2025	3.42	8.46	14.04
25/07/2025	2.06	3.81	6.32
26/07/2025	1.51	2.87	4.76
27/07/2025	1.4	2.46	4.08
28/07/2025	4.45	11.26	18.69
29/07/2025	3.04	7.09	11.77
30/07/2025	1.41	2.31	3.83
31/07/2025	1.22	2.76	4.58
1/08/2025	0.91	1.82	3.02
2/08/2025	0.47	1.11	1.84
3/08/2025	1.44	2.66	4.42
4/08/2025	2.71	5.98	9.93
5/08/2025	4.51	11.79	19.57
6/08/2025	3.23	10.63	17.65
7/08/2025	2.46	4.52	7.50
8/08/2025	2.64	5.33	8.85
9/08/2025	1.42	2.36	3.92
10/08/2025	0.72	1.42	2.36
11/08/2025	1.05	1.81	3.00
12/08/2025	2.61	6.55	10.87
13/08/2025	2.26	4.23	7.02
14/08/2025	2.04	4.1	6.81
15/08/2025	2.63	5.72	9.50
16/08/2025	2.63	4.65	7.72
17/08/2025	2.22	3.67	6.09
18/08/2025	2.22	4.26	7.07
19/08/2025	1.11	2.6	4.32
20/08/2025	1.37	2.6	4.32
21/08/2025	1.06	3.14	5.21
22/08/2025	1.09	2.38	3.95

Sample Date	NE Monitor		
	PM2.5 (µg/m³)	PM10 (µg/m³)	TSP (µg/m³)
23/08/2025	2.18	3.82	6.34
24/08/2025	2.58	3.64	6.04
25/08/2025	2.24	5.62	9.33
26/08/2025	2.03	4.55	7.55
27/08/2025	3.67	13.31	22.09
28/08/2025	4.79	13.68	22.71
29/08/2025	4.49	15.34	25.46
30/08/2025	4.49	8.81	14.62
31/08/2025	2.54	4.07	6.76
1/09/2025	2.36	4.44	7.37
2/09/2025	3.29	8.61	14.29
3/09/2025	4.72	12.86	21.35
4/09/2025	4.67	14.99	24.88
5/09/2025	4.02	9.12	15.14
6/09/2025	4.88	9.05	15.02
7/09/2025	3.86	7.46	12.38
8/09/2025	7.15	18.9	31.37
9/09/2025	6.65	15.84	26.29
10/09/2025	1.55	64.28	106.70
11/09/2025	0.72	1.64	2.72
12/09/2025	2.67	10.74	17.83
13/09/2025	1.3	2.29	3.80
14/09/2025	1.44	2.49	4.13
15/09/2025	4.75	16.47	27.34
16/09/2025	4.53	9.44	15.67
17/09/2025	3.28	7.37	12.23
18/09/2025	3.64	7.31	12.13
19/09/2025	3.59	8.41	13.96
20/09/2025	3.04	5.32	8.83
21/09/2025	3.48	5.71	9.48
22/09/2025	3.71	9.4	15.60
23/09/2025	2.19	5.57	9.25
24/09/2025	5	11.9	19.75
25/09/2025	7.99	16.48	27.36
26/09/2025	10.82	25.61	42.51
27/09/2025	5.34	8.74	14.51
28/09/2025	6.05	9.84	16.33
29/09/2025	5.24	14.03	23.29
30/09/2025	3.72	12.75	21.17

Sample Date	NE Monitor		
	PM2.5 (µg/m³)	PM10 (µg/m³)	TSP (µg/m³)
1/10/2025	3.78	12.43	20.63
2/10/2025	4.72	13.07	21.70
3/10/2025	2.02	4.6	7.64
4/10/2025	1.97	5.09	8.45
5/10/2025	2.68	6.3	10.46
6/10/2025	3.69	11.2	18.59
7/10/2025	7.06	25.74	42.73
8/10/2025	2.82	5.44	9.03
9/10/2025	4.1	13.4	22.24
10/10/2025	2.74	7.17	11.90
11/10/2025	2.69	6.12	10.16
12/10/2025	3.39	14.2	23.57
13/10/2025	4.02	11.48	19.06
14/10/2025	2.36	7.75	12.87
15/10/2025	4.83	15.9	26.39
16/10/2025	6.46	18.07	30.00
17/10/2025	1.94	5.05	8.38
18/10/2025	5.3	9.25	15.36
19/10/2025	6.49	17.79	29.53
20/10/2025	5.84	16.61	27.57
21/10/2025	7.1	21.4	35.52
22/10/2025	4.38	17.23	28.60
23/10/2025	5.39	21.37	35.47
24/10/2025	5.49	15.79	26.21
25/10/2025	3.52	9.76	16.20
26/10/2025	4.19	14.86	24.67
27/10/2025	1.87	4.52	7.50
28/10/2025	1.27	2.17	3.60
29/10/2025	3.87	11.12	18.46
30/10/2025	4.15	11.44	18.99
31/10/2025	-	-	-
1/11/2025	2.54	4.85	8.05
2/11/2025	3.64	5.5	9.13
3/11/2025	7.74	18.09	30.03
4/11/2025	4.12	16.74	27.79
5/11/2025	3.47	11.79	19.57
6/11/2025	2.42	7.94	13.18
7/11/2025	5.3	15.2	25.23
8/11/2025	5.67	11.57	19.21

Sample Date	NE Monitor		
	PM2.5 (µg/m³)	PM10 (µg/m³)	TSP (µg/m³)
9/11/2025	1.56	4.44	7.37
10/11/2025	2.52	8.88	14.74
11/11/2025	4.9	22.66	37.62
12/11/2025	2.48	10.49	17.41
13/11/2025	4.64	20.77	34.48
14/11/2025	4.16	18.27	30.33
15/11/2025	7.27	14.81	24.58
16/11/2025	1.67	4.94	8.20
17/11/2025	4.84	17.09	28.37
18/11/2025	3.45	10.69	17.75
19/11/2025	3.39	14.83	24.62
20/11/2025	5.79	25.01	41.52
21/11/2025	5.17	9.41	15.62
22/11/2025	2.89	4.19	6.96
23/11/2025	3.83	6.25	10.38
24/11/2025	3.35	11.45	19.01
25/11/2025	4.69	16.15	26.81
26/11/2025	3.92	12.41	20.60
27/11/2025	6.27	22	36.52
28/11/2025	3.81	11.3	18.76
29/11/2025	1.78	5.25	8.72
30/11/2025	1.21	3.46	5.74
1/12/2025	5.3	21.48	35.66
2/12/2025	2.11	7.06	11.72
3/12/2025	2.75	8.98	14.91
4/12/2025	3.94	15.42	25.60
5/12/2025	4.55	15.35	25.48
6/12/2025	4.84	15.13	25.12
7/12/2025	4.05	8.57	14.23
8/12/2025	11.61	21.16	35.13
9/12/2025	6.34	22.52	37.38
10/12/2025	9.21	20.07	33.32
11/12/2025	5.73	9.45	15.69
12/12/2025	4.46	7.1	11.79
13/12/2025	1.97	4.07	6.76
14/12/2025	2.21	4.44	7.37
15/12/2025	4.84	13.98	23.21
16/12/2025	5.05	8.43	13.99
17/12/2025	4.14	8.42	13.98

Sample Date	NE Monitor		
	PM2.5 (µg/m³)	PM10 (µg/m³)	TSP (µg/m³)
18/12/2025	4.95	12.94	21.48
19/12/2025	4.61	13.56	22.51
20/12/2025	2.43	5.34	8.86
21/12/2025	3.17	8.09	13.43
22/12/2025	2.22	5.19	8.62
23/12/2025	0.99	2.76	4.58
24/12/2025	2.21	4.62	7.67
25/12/2025	2.73	5.51	9.15
26/12/2025	3.81	7.69	12.77
27/12/2025	2.55	5.42	9.00
28/12/2025	3.49	6.73	11.17
29/12/2025	3.8	7.22	11.99
30/12/2025	2.83	5.88	9.76
31/12/2025	2.99	7.44	12.35
Annual Average	3.51	9.05	15.02
Annual Average Compliance	Compliant	Compliant	Compliant
Number of Samples	316	316	316
Maximum	12.29	64.28	106.70
Minimum	0.47	1.11	1.84
24 hours exceedances	0	1	N/A

Sample Date	SW Monitor		
	PM2.5 µg/m³	PM10 µg/m³	TSP µg/m³
01/01/2025	3.95	8.16	13.55
02/01/2025	7.59	14.06	23.34
03/01/2025	9.35	14.76	24.50
04/01/2025	3.37	7.13	11.84
05/01/2025	2.62	5.9	9.79
06/01/2025	3.27	9.81	16.28
07/01/2025	2.25	4.9	8.13
08/01/2025	1.16	2.53	4.20
09/01/2025	0.47	1.24	2.06
10/01/2025	1.81	3.17	5.26
11/01/2025	1.71	3.74	6.21
12/01/2025	0.79	2.07	3.44
13/01/2025	1.22	3.12	5.18
14/01/2025	2.85	9.62	15.97
15/01/2025	7.07	26.06	43.26
16/01/2025	2.85	7.61	12.63
17/01/2025	4.14	11.13	18.48
18/01/2025	3.46	8.02	13.31
19/01/2025	3.88	8.01	13.30
20/01/2025	7.51	24.34	40.40
21/01/2025	5.61	19.13	31.76
22/01/2025	3.7	11.92	19.79
23/01/2025	9.51	31.95	53.04
24/01/2025	5.29	13.04	21.65
25/01/2025	3.97	9.09	15.09
26/01/2025	4.9	11.96	19.85
27/01/2025	4.26	9.96	16.53
28/01/2025	4.94	19.25	31.96
29/01/2025	10.53	28.1	46.65
30/01/2025	9.67	25.65	42.58
31/01/2025	7.04	23.81	39.52
01/02/2025	3.13	6.83	11.34
02/02/2025	3.91	8.51	14.13
03/02/2025	7.98	35.89	59.58
04/02/2025	3.82	12.62	20.95
05/02/2025	3.49	13.42	22.28

Sample Date	SW Monitor		
	PM2.5 µg/m³	PM10 µg/m³	TSP µg/m³
06/02/2025	11.81	33.5	55.61
07/02/2025	5.1	11.76	19.52
08/02/2025	3.75	9.96	16.53
09/02/2025	2.28	4.56	7.57
10/02/2025	4.04	10.93	18.14
11/02/2025	2.25	5.35	8.88
12/02/2025	4.45	16.66	27.66
13/02/2025	5.21	17.27	28.67
14/02/2025	6.48	18.38	30.51
15/02/2025	3.72	8.42	13.98
16/02/2025	1.64	3.92	6.51
17/02/2025	6.12	25.42	42.20
18/02/2025	4.81	15.53	25.78
19/02/2025	2.92	9.4	15.60
20/02/2025	5.95	19.06	31.64
21/02/2025	4.79	12.7	21.08
22/02/2025	3.89	6.86	11.39
23/02/2025	2.67	7.12	11.82
24/02/2025	3.28	10.9	18.09
25/02/2025	10.88	31.82	52.82
26/02/2025	8.99	29.89	49.62
27/02/2025	4.94	12.59	20.90
28/02/2025	3.64	11.15	18.51
01/03/2025	2.24	8.18	13.58
02/03/2025	2.61	8.52	14.14
03/03/2025	7.16	22.97	38.13
04/03/2025	7.65	30	49.80
05/03/2025	5.42	17.04	28.29
06/03/2025	4.77	16.81	27.90
07/03/2025	2.75	10.51	17.45
08/03/2025	1.69	5.77	9.58
09/03/2025	2.47	5.91	9.81
10/03/2025	8.8	39.17	65.02
11/03/2025	3.08	14.59	24.22
12/03/2025	4.97	12.71	21.10
13/03/2025	2.91	7.7	12.78

Sample Date	SW Monitor		
	PM2.5 µg/m³	PM10 µg/m³	TSP µg/m³
14/03/2025	3.02	10.29	17.08
15/03/2025	2.45	8.98	14.91
16/03/2025	1.69	6.29	10.44
17/03/2025	4.71	18.08	30.01
18/03/2025	10.51	41.03	68.11
19/03/2025	5.49	18.71	31.06
20/03/2025	4.38	15.44	25.63
21/03/2025	3.47	9.87	16.38
22/03/2025	1.71	3.24	5.38
23/03/2025	4.72	6.66	11.06
24/03/2025	6.32	9.75	16.19
25/03/2025	4.14	7.96	13.21
26/03/2025	2.85	8.97	14.89
27/03/2025	6	25.26	41.93
28/03/2025	4.47	16.57	27.51
29/03/2025	0.56	1.51	2.51
30/03/2025	0.63	1.79	2.97
31/03/2025	0.54	2.03	3.37
01/04/2025	2.32	14.85	24.65
02/04/2025	4.09	13.69	22.73
03/04/2025	3.76	9.84	16.33
04/04/2025	4.22	11.2	18.59
05/04/2025	3.12	7.78	12.91
06/04/2025	2.29	6.05	10.04
07/04/2025	2.63	7.9	13.11
08/04/2025	4.17	2035.96	3379.69
09/04/2025	3.85	2216.08	3678.69
10/04/2025	2.53	4324.51	7178.69
11/04/2025	2.4	3016.68	5007.69
12/04/2025	4.57	9.08	15.07
13/04/2025	3.15	2007.7	3332.78
14/04/2025	3.89	580.19	963.12
15/04/2025	6.27	13.93	23.12
16/04/2025	5.92	13.03	21.63
17/04/2025	4.5	11.02	18.29
18/04/2025	5.15	11.35	18.84

Sample Date	SW Monitor		
	PM2.5 µg/m³	PM10 µg/m³	TSP µg/m³
19/04/2025	4.82	10.67	17.71
20/04/2025	4.95	11.22	18.63
21/04/2025	3.1	9.72	16.14
22/04/2025	1.89	5.07	8.42
23/04/2025	3.14	8.11	13.46
24/04/2025	6.67	14.63	24.29
25/04/2025	6.26	10	16.60
26/04/2025	3.17	5.7	9.46
27/04/2025	0.93	2.17	3.60
28/04/2025	1.56	3.09	5.13
29/04/2025	2.41	4.8	7.97
30/04/2025	1.65	4.41	7.32
01/05/2025	1.1	2.39	3.97
02/05/2025	2.33	5.77	9.58
03/05/2025	1.87	3.86	6.41
04/05/2025	2.3	4.51	7.49
05/05/2025	3.68	9.78	16.23
06/05/2025	2.57	6.35	10.54
07/05/2025	2.8	8.37	13.89
08/05/2025	3.59	8.05	13.36
09/05/2025	4.16	10.26	17.03
10/05/2025	2.62	5.55	9.21
11/05/2025	3.32	5.33	8.85
12/05/2025	3.61	7.38	12.25
13/05/2025	6.26	11.01	18.28
14/05/2025	5.12	9.14	15.17
15/05/2025	4.93	13.35	22.16
16/05/2025	3.49	8.77	14.56
17/05/2025	4.17	8.29	13.76
18/05/2025	3.44	6.8	11.29
19/05/2025	2.92	10.71	17.78
20/05/2025	3.09	8.67	14.39
21/05/2025	2.14	3.97	6.59
22/05/2025	1.3	2.31	3.83
23/05/2025	2.87	4.94	8.20
24/05/2025	2.34	4.47	7.42

Sample Date	SW Monitor		
	PM2.5 µg/m³	PM10 µg/m³	TSP µg/m³
25/05/2025	3.64	5.88	9.76
26/05/2025	6.71	16.17	26.84
27/05/2025	11.16	45.5	75.53
28/05/2025	3.41	6.77	11.24
29/05/2025	2.73	4.67	7.75
30/05/2025	3.83	7.45	12.37
31/05/2025	4.69	7.79	12.93
01/06/2025	4.14	5.51	9.15
02/06/2025	4.3	6.65	11.04
03/06/2025	2.08	3.61	5.99
04/06/2025	2.44	4.3	7.14
05/06/2025	2.79	4.68	7.77
06/06/2025	2.73	4.76	7.90
07/06/2025	4.82	7.52	12.48
08/06/2025	4.99	8.46	14.04
09/06/2025	2.41	3.52	5.84
10/06/2025	1.89	3.16	5.25
11/06/2025	2.21	3.86	6.41
12/06/2025	2.78	4.53	7.52
13/06/2025	1.83	2.79	4.63
14/06/2025	3.3	4.6	7.64
15/06/2025	3.14	4.38	7.27
16/06/2025	3.52	6.84	11.35
17/06/2025	3.15	5.68	9.43
18/06/2025	3.73	6.66	11.06
19/06/2025	4.75	8.55	14.19
20/06/2025	4.16	6.5	10.79
21/06/2025	5.24	7.99	13.26
22/06/2025	5.95	8.25	13.70
23/06/2025	5.07	13.31	22.09
24/06/2025	2.32	4.87	8.08
25/06/2025	2.97	6.76	11.22
26/06/2025	1.69	2.94	4.88
27/06/2025	2.98	6.69	11.11
28/06/2025	3.44	4.63	7.69
29/06/2025	5.28	6.82	11.32

Sample Date	SW Monitor		
	PM2.5 µg/m³	PM10 µg/m³	TSP µg/m³
30/06/2025	2.62	4.41	7.32
01/07/2025	3.2	5.45	9.05
02/07/2025	1.99	3.35	5.56
03/07/2025	1.57	2.61	4.33
04/07/2025	4.61	9.54	15.84
05/07/2025	8.58	9.65	16.02
06/07/2025	3.26	6.03	10.01
07/07/2025	4.48	7.11	11.80
08/07/2025	3.94	8.97	14.89
09/07/2025	3.31	8.97	14.89
10/07/2025	3.31	9.15	15.19
11/07/2025	5.37	12.62	20.95
12/07/2025	5.09	7.88	13.08
13/07/2025	5.58	7.65	12.70
14/07/2025	4.95	10.56	17.53
15/07/2025	5.33	8.35	13.86
16/07/2025	3.01	5.38	8.93
17/07/2025	4.32	8.87	14.72
18/07/2025	1.75	2.98	4.95
19/07/2025	4.53	6.03	10.01
20/07/2025	4.14	5.76	9.56
21/07/2025	4.58	18.19	30.20
22/07/2025	4.5	12.82	21.28
23/07/2025	2.85	5.54	9.20
24/07/2025	3.02	5.17	8.58
25/07/2025	3.25	10.03	16.65
26/07/2025	1.8	3.41	5.66
27/07/2025	1.61	2.67	4.43
28/07/2025	2.31	3.79	6.29
29/07/2025	3.83	8.21	13.63
30/07/2025	1.59	2.5	4.15
31/07/2025	1.54	2.8	4.65
01/08/2025	1.63	5.8	9.63
02/08/2025	0.51	1.02	1.69
03/08/2025	1.67	2.9	4.81
04/08/2025	3.42	7.65	12.70

Sample Date	SW Monitor		
	PM2.5 µg/m³	PM10 µg/m³	TSP µg/m³
05/08/2025	4.09	6.4	10.62
06/08/2025	3.19	5.97	9.91
07/08/2025	3.87	11	18.26
08/08/2025	3.24	6.63	11.01
09/08/2025	2.06	4.45	7.39
10/08/2025	0.86	1.85	3.07
11/08/2025	2.07	6.92	11.49
12/08/2025	2.86	4.7	7.80
13/08/2025	2.69	4.16	6.91
14/08/2025	2.09	3.52	5.84
15/08/2025	2.84	4.36	7.24
16/08/2025	3.57	5.71	9.48
17/08/2025	2.94	4.67	7.75
18/08/2025	2.79	5.08	8.43
19/08/2025	2.11	8.23	13.66
20/08/2025	1.87	5.18	8.60
21/08/2025	1.71	4.63	7.69
22/08/2025	1.2	1.97	3.27
23/08/2025	2.76	5.33	8.85
24/08/2025	3.51	4.66	7.74
25/08/2025	2.71	5.39	8.95
26/08/2025	4.66	13.51	22.43
27/08/2025	1.71	4.09	6.79
28/08/2025	3.06	5.87	9.74
29/08/2025	3.13	7.54	12.52
30/08/2025	4.62	8.21	13.63
31/08/2025	3.07	4.69	7.79
01/09/2025	2.51	3.85	6.39
02/09/2025	2.89	5.37	8.91
03/09/2025	4.32	9.48	15.74
04/09/2025	3.86	8.18	13.58
05/09/2025	4.75	11.05	18.34
06/09/2025	5.64	12.06	20.02
07/09/2025	4.56	8.88	14.74
08/09/2025	6.53	13.89	23.06
09/09/2025	6.14	12.83	21.30

Sample Date	SW Monitor		
	PM2.5 µg/m³	PM10 µg/m³	TSP µg/m³
10/09/2025	3.04	7.3	12.12
11/09/2025	0.71	1.22	2.03
12/09/2025	1.5	4.36	7.24
13/09/2025	1.54	2.59	4.30
14/09/2025	1.99	3.13	5.20
15/09/2025	3.53	9.11	15.12
16/09/2025	7.59	24.36	40.44
17/09/2025	3.26	5.57	9.25
18/09/2025	4.06	6.9	11.45
19/09/2025	3.93	8.98	14.91
20/09/2025	3.61	6.06	10.06
21/09/2025	4.48	7.08	11.75
22/09/2025	3.72	6.06	10.06
23/09/2025	2.29	4.17	6.92
24/09/2025	4.32	7.02	11.65
25/09/2025	7.85	12.31	20.43
26/09/2025	9.69	15.46	25.66
27/09/2025	6.6	10.63	17.65
28/09/2025	6.91	11.07	18.38
29/09/2025	4.37	8.21	13.63
30/09/2025	2.42	6.93	11.50
01/10/2025	3.19	8.35	13.86
02/10/2025	4.17	8.75	14.53
03/10/2025	2.44	5.26	8.73
04/10/2025	2.57	7.09	11.77
05/10/2025	2.93	7.95	13.20
06/10/2025	2.99	7.6	12.62
07/10/2025	5.04	14.53	24.12
08/10/2025	4.83	11.12	18.46
09/10/2025	2.69	5.57	9.25
10/10/2025	2.61	6.09	10.11
11/10/2025	3.14	6.57	10.91
12/10/2025	1.98	5.81	9.64
13/10/2025	3.43	7.89	13.10
14/10/2025	2.27	6.62	10.99
15/10/2025	4.36	16.45	27.31

Sample Date	SW Monitor		
	PM2.5 µg/m³	PM10 µg/m³	TSP µg/m³
16/10/2025	6.16	17.01	28.24
17/10/2025	2.13	4.89	8.12
18/10/2025	6.11	11.34	18.82
19/10/2025	7.46	23.01	38.20
20/10/2025	6.96	22.31	37.03
21/10/2025	10.84	42.52	70.58
22/10/2025	3.47	13.63	22.63
23/10/2025	2.93	10.24	17.00
24/10/2025	5.97	17.11	28.40
25/10/2025	3.86	10.22	16.97
26/10/2025	2.51	6.58	10.92
27/10/2025	4.71	26.52	44.02
28/10/2025	1.69	3.67	6.09
29/10/2025	2.9	6.75	11.21
30/10/2025	4	11.11	18.44
31/10/2025	-	-	-
01/11/2025	3.34	9.2	15.27
02/11/2025	4.33	6.71	11.14
03/11/2025	7.34	14.44	23.97
04/11/2025	1.69	4.48	7.44
05/11/2025	2.37	5.86	9.73
06/11/2025	2.96	10.92	18.13
07/11/2025	8.03	32.22	53.49
08/11/2025	6.47	12.91	21.43
09/11/2025	1.63	4.57	7.59
10/11/2025	2.85	13.66	22.68
11/11/2025	2.91	15.05	24.98
12/11/2025	1.61	6.23	10.34
13/11/2025	3.52	16.59	27.54
14/11/2025	3.34	16.22	26.93
15/11/2025	9.43	26.8	44.49
16/11/2025	1.89	6	9.96
17/11/2025	3.51	9.53	15.82
18/11/2025	3.87	12.16	20.19
19/11/2025	5.19	25.62	42.53
20/11/2025	8.87	40.97	68.01

Sample Date	SW Monitor		
	PM2.5 µg/m³	PM10 µg/m³	TSP µg/m³
21/11/2025	10.69	47.19	78.34
22/11/2025	3.82	8.27	13.73
23/11/2025	4.52	7.3	12.12
24/11/2025	3.01	10.06	16.70
25/11/2025	15.19	77.98	129.45
26/11/2025	12.71	51.23	85.04
27/11/2025	4.89	13.95	23.16
28/11/2025	4.53	15.6	25.90
29/11/2025	2.06	6.69	11.11
30/11/2025	1.41	4.26	7.07
01/12/2025	2.66	8.82	14.64
02/12/2025	1.61	3.68	6.11
03/12/2025	4.96	19.73	32.75
04/12/2025	7.99	34.07	56.56
05/12/2025	16.42	66.5	110.39
06/12/2025	6.72	26.42	43.86
07/12/2025	4.67	10.03	16.65
08/12/2025	15.96	39	64.74
09/12/2025	6.1	23.12	38.38
10/12/2025	10.01	23.48	38.98
11/12/2025	11.69	45.04	74.77
12/12/2025	7.48	21.55	35.77
13/12/2025	2.28	4.73	7.85
14/12/2025	2.71	6.75	11.21
15/12/2025	4.24	9.09	15.09
16/12/2025	9.21	33.54	55.68
17/12/2025	7.56	21.43	35.57
18/12/2025	8.96	31.91	52.97
19/12/2025	4.11	11.85	19.67
20/12/2025	2.61	5.59	9.28
21/12/2025	3.28	7.81	12.96
22/12/2025	2.4	5.47	9.08
23/12/2025	1.13	2.99	4.96
24/12/2025	2.42	5.08	8.43
25/12/2025	3.09	6.15	10.21
26/12/2025	4.61	10.84	17.99

Sample Date	SW Monitor		
	PM2.5 µg/m³	PM10 µg/m³	TSP µg/m³
27/12/2025	2.78	5.68	9.43
28/12/2025	3.96	8.2	13.61
29/12/2025	4.23	8.28	13.74
30/12/2025	3.16	6.44	10.69
31/12/2025	3.36	8.9	14.77
Annual Average	4.09	49.71	82.52
Annual Average Compliance	Compliant	Non-Compliant	Compliant
Number of Samples	364	364	364
Maximum	16.42	4324.51	7178.69
Minimum	0.47	1.02	1.69
24 hours exceedances	0	9	N/A