

Minutes (DRAFT)

22 September 2025

Project name	Karuah East Quarry - Community Consultative Committee	From	Michael Ulph
Subject	CCC Meeting Minutes – 22 September 2025	Tel	0458 049 847
Date / Time	22 September / 4.15pm	Project no.	2218437
Attendees	Michael Ulph (Chairperson) Scott Ellerton (Karuah East Quarry Pty Ltd) Mat Radnidge (ADW Johnson) Darryn Bosch (Karuah East Quarry Pty Ltd) John Lyall (Port Stephens Shellfish Program) Uwe Seil (Community Representative) Tessa Hestelow (Community Representative) Mathew Bell (Mid Coast Council)	Apologies	Janine Reid (North Arm Cove Residents Association) Bob Trotter (Community Representative)
Others not present	Wade Cameron (Community Representative) Karuah LALC Representative	Observers	Charmian Seil (Local Resident) Mia Wilson (Environmental Coordinator - Karuah East Quarry Pty Ltd)
Objective	Record discussion and actions from this meeting.		

Agenda Item	Notes
Welcome	- Michael Ulph (Michael U) acknowledged the Worimi people as the traditional owners in the region, and paid respect to Elders past, present and future.
Declaration of Pecuniary Interests	- Michael U confirmed that Karuah East Quarry Pty Limited (KEQPL) is paying GHD (his employer) a fee for Michael to act as the Independent Chairperson. - Mat Radnidge (Mat R) confirmed that KEQPL is paying ADW Johnson (his employer) a fee for Mat to be a member of the CCC. - Scott Ellerton (Scott E) and Darryn Bosch (Darryn B) are employees of KEQPL.
Acceptance of Previous Minutes	- Draft CCC Meeting Minutes dated 17 March 2025. - Moved: Mathew Bell (Mathew B) - Seconded: Tessa Hestelow (Tessa H)
Correspondence	- Draft minutes dated 17 March 2025 were emailed to CCC members by Michael U on 2 April 2025 for review. No comments were received. - Email invitations to today's meeting were supplied by Michael U.
Company Report & Overview of Activities	Scott E noted that he had updated the template of the Company Report & Overview of Activities.

Agenda Item	Notes
	<u>SLIDE 3:</u> - Scott E described the project in summary, including a summary of approved operations. - A hard copy of the latest approved plan (MOD10) was made available for CCC viewing. <u>SLIDE 4:</u> - Scott E noted that Hunter Quarries Pty Ltd (HQPL) had recently acquired Lot 11 DP1024564. - The acquisition of Lot 11 completes HQPL's ownership of the 'Karuah Quarry Complex'. - Tessa H asked if Lot 11 was the Wedgerock site. Scott E confirmed yes. <u>SLIDE 5:</u> - Scott E provided a summary of all modifications to date to the NSW Project Approval (MP 09_0175), including a recap of MOD10, being the most recent approved modification. - Scott E and Mat R outlined that MOD10 provides approval for a 7.17 Ha increase in quarry footprint to facilitate increased stockpile area, that consists of 3 distinct areas (north, central and southern) with reference to the image provided in Slides 5 and 6. <u>SLIDE 6:</u> - Scott E provided a summary of the two Commonwealth Approvals that apply the Karuah East Quarry: - o EPBC 2014/7282 - o EPBC 2022/9164 - Michael U explained that Commonwealth EPBC Approvals were common for large projects associated with impacts to Commonwealth listed flora and fauna species. - Mat R explained that EPBC 2014/7282 was issued in 2015 prior to commencement of the KEQ; and that the MOD10 project triggered the requirement to obtain an additional approval being EPBC 2022/9164. - Mat R and Scott E explained as result that there was a two-step approval process: 1. Vary EPBC 2014/7282 to reduce the existing Biodiversity Offset Area (BOA) and establish a replacement BOA on Lot 201 to the west of the Karuah Hard Rock Quarry; and 2. Obtain a new additional approval (EPBC 2022/9164) for 'new' impacts because MOD10 triggered a 'Controlled Action'. - Mat R noted that as a result of MOD10, KEQ now has two EPBC approvals that apply to the site. <u>SLIDE 7:</u> - Scott E provided an overview of the proposed revision to the Biodiversity Offset Strategy (BOS) following receipt of the two Commonwealth Approvals, consisting of: 1. Renaming to the existing BOA to the 'Eastern BOA'; and 2. Establishing the replacement offset as the 'Western BOA'. - Scott E advised that the BOS had been submitted to both MidCoast Council and NSW DCCEEW for comment prior to approval by NSW Planning.

Agenda Item	Notes
	- Mathew B noted that Council has received the revised BOS for comment and he will schedule a review. <u>SLIDE 8:</u> - Scott E noted minor and administrative adjustments to the Environment Protection Licence. <u>SLIDES 9-11:</u> - Scott E outlined the various management plans that apply to the KEQ site and the status of various updates. - Mat R noted that recent Management Plan revisions have been completed following receipt of the MOD10 approval and the recent acquisition of Lot 11. - Scott E noted that all Management Plans are available on the Hunter Quarries website. <u>SLIDES 13-14:</u> - Scott E provided an overview of wind and rainfall records. - Scott E noted that site records were achieved in April 2025, May 2025 and August 2025; and almost in January 2025. - Action: John Lyall (John L) asked for this information to be supplied to him. <u>SLIDE 15:</u> - Scott E provided an overview of site monitoring location and discussed that DDG5 had been discontinued following the acquisition of Lot 11. - Tessa H noted that there appears to be a mapping discrepancy between the noise monitoring location at her residence as opposed to monitoring at Halloran Road. - Action: Scott E advised he will take the question on notice and will provide a clarification to Tessa following the meeting. - Darren B advised that a wet spring is expected this year. - Michael U asked if the monitoring was undertaken by attended 15-minute interval monitoring? Scott E confirmed yes. <u>SLIDES 16-17:</u> - Scott E confirmed that air quality monitoring of Particulate Matter was well within approved criteria. <u>SLIDE 18:</u> - Scott E noted that Depositional Dust monitoring was within approved criteria except for one contamination event at DDG 5 in March 2025. The event was caused by an algal bloom within the glassware, which with the 'right' light conditions can result in these algal blooms. - The risk of this recurring has been minimised by the use of tinted bottles. <u>SLIDE 19:</u> - Scott E noted that quarterly noise monitoring was undertaken at 5 locations surrounding the quarry across the morning shoulder, day-time and evening monitoring periods (February, May and August 2025). - Scott E noted that all monitoring results were compliant with noise criteria.

Agenda Item	Notes
	- Tessa H asked about the final results and management processes following discussion with the noise monitoring consultant, who advised results were coming close to criteria in the August 2025 round. Was that something that happens often and what is the process? - Action: Scott E advised he will take the question on notice and will provide a response to Tessa following the meeting. - As an example, when they had a tailgate noise issue, they notified the EPA and investigated. - Scott E encouraged CCC members to contact the quarry with any questions or concerns and they would be investigated. <u>SLIDE 20:</u> - Scott E noted that nine blasts have been completed this year and all were within compliance criteria. The upper limit for overpressure is 115 dBL and for ground vibration the limit is 5mm/s. <u>SLIDE 21:</u> - A video of a blast was shown to the CCC (this was in response to a previous request from Michael U to show a blast video). <u>SLIDE 22:</u> - Scott E noted that the wet weather had affected production and sales, particularly during April 2025, May 2025 and August 2025. <u>SLIDES 23-25:</u> - Scott E provided an overview of site water management: - o Dam 1 provides sedimentation functions for operational areas of the quarry and is a source of water for dust suppression. - o Dam 2 provides sedimentation functions for the weighbridge area. - o Dam 3 provides sedimentation functions for the stockpile area. - o Four uncontrolled discharges associated with major rainfall events, which were a higher proportion of discharged water during the period. - o You can see the Total Suspended Solids is quite high. - John L asked if the discharge west to Yalimbah Creek goes to Number 1 Creek in the river? Scott E confirmed that this is the creek to the south-west of the quarry site. - John L indicated that the Port Stephens Shellfish Program were undertaking investigations with Hunter Water and the NSW EPA regarding sewerage discharge into Number 1 Creek and potential impacts to oyster farmers. - John L mentioned that he had heard anecdotally that one of the 'taps was left on' and a dam was let out accidentally. Scott E and Darren B advised they had no knowledge of this. - John L advised that the 'finger is being pointed' at KEQPL. In lieu of other information. Hunter Water has been given \$20M to 'look into it'. Many oyster growers are impacted by water quality issues with losses or around 70%. John tends to think it may be chemicals in the water. <u>SLIDES 26-28:</u> - Scott E outlined environmental monitoring exceedances and non-conformances.

Agenda Item	Notes
	- Scott E noted that during 9-12 January 2025; 17-20 January; 27 April 2025 – 4 May 2025; 19 – 25 May 2025; 1-3 July 2025; and 3-5 August 2025 there had been uncontrolled discharges of sediment laden water associated with rainfall events that exceeded the sediment dam design capacities. - There were also three occasions of failure to monitor in association with dust gauges. 18 January 2025 and 23 June – two power outages; March 2025 – algal bloom in dust gauge 5 (switched to tinted bottles to reduce likelihood). - One depositional dust exceedance at DDG1. - Action: Scott E to add John L to KEQPL's stakeholder notification distribution list. - John L asked if KEQPL should be increasing dam sizes to reduce uncontrolled discharge due to increased major events? Scott E noted that the dams had been designed in accordance with industry standard and approval requirements, but it is a consideration for the future. - John L discussed the Hunter Water notification processes for sewage discharge events (notifying the Food Authority) and asked if KEQPL was required to notify the Food Authority. - Scott E advised that they notify the EPA and John Hunter Hospital, SafeWork and various agencies. - John L mentioned that they were often not aware of issues and still provided oysters for consumption. - In August 2025 there was a depositional dust exceedance. Landowners, NSW Planning and NSW EPA notified. <u>SLIDES 29-30</u> - Scott E outlined one community complaint had been received in H1 2025 associated with audible noise between 10.00 and 10.30pm. - An investigation was carried out and it was identified that noise generating activities were carried out beyond the approved hours of operation. - The approved hours allowed operations to 10.00pm (50 occasions per year) and to 9.00pm on all other weekdays. - As a result of the investigation: - o Operations staff and contractors were subject to toolbox talks of the approved hours and the allowable activities. - o A letter box drop was provided to neighbouring landowners confirming operating hours. - Scott E encouraged CCC members to contact the quarry via the Community Call Line 1800 329 161 with any noise concerns to allow operations to be modified accordingly. - John L asked if KEQPL operates two shifts. - Scott E advised that maintenance was carried out overnight. - Darren B advised that mechanical and electrical work was carried out between 4pm and 2am, but they know to cease noise generating activities. <u>SLIDES 31-33:</u> - Scott E outlined the numerous community sponsorships that are provided. - Scott E advised that in May 2025 KEQPL implemented a new website-based application for sponsorship requests and encouraged the CCC to discuss with their networks.

Agenda Item	Notes
	- Darryn B confirmed KEQPL will be attending the 'RediCommunities Karuah' event organised by the Australian Red Cross on 16 October 2025. <u>SLIDE 34:</u> - Scott E noted that following acquisition of Lot 11 from Wedgerock Pty Ltd, Hunter Quarries now owns all land within the 'Karuah Quarry Complex'. HQPL propose to operate one Community Consultative Committee (CCC) for all projects within the 'Karuah Quarry Complex' and opened this up for group discussion. - Mat R and Scott E explained current consultation arrangements: - o Karuah East Quarry is managed by this CCC with six-monthly meetings; and - o Karuah Hard Rock Quarry is managed via six-monthly letter reports (as historically Expressions of Interest was unsuccessful) and informally through this CCC for development projects. - Mat R noted establishing a 'consolidated CCC' would create a formalised forum to discuss both quarries and all development projects at the 'Karuah Quarry Complex'. - Mat R noted that the decision to be made is whether the CCC remains limited to KEQ or whether other projects in the complex such as the Karuah Quarry are included. - Uwe S agreed that it makes sense to combine the CCC's. - Tessa H asked the status of Karuah Quarry. Scott E advised that the consent is currently active until June 2027. - Tessa H asked the status on the Karuah Red Quarry project. Scott E identified that this project, as well as the Karuah Resource Operations Project have been put on hold noting other development priorities. Scott E noted that these are reasons why a consolidated CCC is being proposed. - Mathew B asked if the proposed Karuah South Quarry will be withdrawn? Scott E advised that no final business decision has been made. - Mathew B indicated that Council would welcome the integration of both CCC's, and asked if other residents should be notified of the opportunity to be involved in the CCC. - Scott E described the local residence mix which includes current CCC members. - Uwe S asked if anyone on the western side of the quarry should be notified. General discussion was that Wade Cameron and Bob Trotter (both CCC members) are located on the western side of operations. - Action: Michael U to consider if additional advertising to residents to the west of the site on Taren Road, Mill Hill Close and The Branch Lane is required. - Michael U noted that he has been endorsed at the Independent Chairperson for the Karuah Quarry CCC. Michael U noted that it makes sense for the CCC to consider the combined projects. - Michael U noted all CCC members in attendance unanimously supported the combining the CCC's. <u>SLIDE 35-38:</u> - Scott E advised that since the acquisition of Lot 11 a review of the various projects / the development program has been conducted allowing a more consistent and wholistic approach to be developed.

Agenda Item	Notes
	- Scott E noted that the priority for HQPL is to remove the dividing highwall between the Karuah Quarry and the Karuah East Quarry. - Mat R outlined the background behind the KEQ site being established as a standalone quarry due to the restrictions imposed by the Land-use Licence Agreement with the previous owners of Lot 11. This resulted in the remnant material between the two sites. - Scott E and Mat R discussed the preliminary visual landscape modelling of the final landform from both the Pacific Highway and Halloran Road following removal of the highwall structure. An improved rehabilitation scenario is also achieved by making the sites free draining rather than flooded lakes. - Scott E and Mat R noted that the proposal will not result in any operational changes with existing infrastructure to be re-used. No changes to extraction rates are proposed. - John L asked if that was at the end of the quarry's life. Scott E confirmed that this was the case. - Mathew B and Uwe S asked if a consolidated extraction area will result in efficiencies? Scott E and Darryn B confirmed yes. As an example, there will be less haulage due to more direct internal travel routes. - Scott E noted that preliminary scoping discussions were underway with NSW Planning and once further direction on approval pathway, application inputs and project details are known, we will arrange a more detailed CCC project briefing or extraordinary CCC meeting to discuss and seek feedback. - Mat R noted that preliminarily, it is likely that the project can be delivered by concurrent modifications to both the KEQ and Karuah Quarry consents. - Mathew B noted that the project appears to be a good outcome.
General Business	<u>SLIDE 39:</u> - General discussion around recent earthquakes at Bulahdelah and Muswellbrook. - General discussion with John L and Mathew B regarding sizing of sedimentation dams and the potential to review the determination of design storm events looking for additional capacity, due to La Nina and another wet spring. - Scott E advised that they can survive 20ml per day for five days, but beyond that it is hard to manage. - Michael U noted that draft minutes of the meeting will be distributed.
Next CCC meeting and site inspection to be scheduled.	- Michael U noted that it is possible that an extraordinary CCC meeting will be called prior to the end of the year. Michael to confirm details and issue calendar invites as required. - The next regular meeting to be scheduled for March 2026. Michael to confirm details and issue calendar invites.
Meeting close	- The meeting was closed at 5.30pm
Actions	- Scott E to supply rainfall records to John L. - Scott E to add John L to the stakeholder notification distribution list. - Scott E to review noise monitoring at Tessa H's residence and provide a response. - Scott E to review noise monitoring results for Tessa H's residence in the August 2025 monitoring round and provide a response. - Michael U to consider if additional advertising to residents to the west of the site on Taren Road, Mill Hill Close and The Branch Lane is required.

Agenda Item	Notes
	- Michael U and Scott E to progress establishment of the Karuah Quarry Complex CCC for both the Karuah East Quarry and the Karuah Hard Rock Quarry. - Michael U to call an extraordinary CCC meeting for the 'highwall' project, once KEQPL has received advice from NSW Planning regarding the approval pathway.

DRAFT



Karuah East Quarry Community Consultative Committee

22 September 2025

KEQ CCC September 2025 Meeting

Meeting Introduction

Welcome and Introductions:

Acknowledgment of Country:

Acceptance of Previous Minutes:

- Draft Minutes dated 17 March 2025

Correspondence:

- Meeting requests to arrange CCC meeting.
- Distribution of draft Meeting Minutes for 17 March 2025.
- Distribution of draft Meeting Agenda for 22 September 2025.

Project Overview

Status and Existing Operations

Summary of Approved Operations:

- Major Project Approval (MP09_0175) granted by NSW Independent Planning Commission on 17 June 2014.
- Operational since 2017.
- Approved to operate until 31 December 2034 at a rate of up to 1.5 Million tonnes per annum.
- Construction and operation quarry plant, infrastructure and roads.
- Total approved disturbance area of 40.18 Ha (inc MOD10).
- Establishment and management of Biodiversity Offset Areas.
- Various conditions imposed to ensure satisfactory environmental performance.
- 5x Modifications to-date (latest Modification – MOD10).
- Operates as a standalone operation to the adjacent Karuah Hard Rock Quarry (the 'old' quarry).
- No changes to approved aspects as listed above.

Operational Changes:

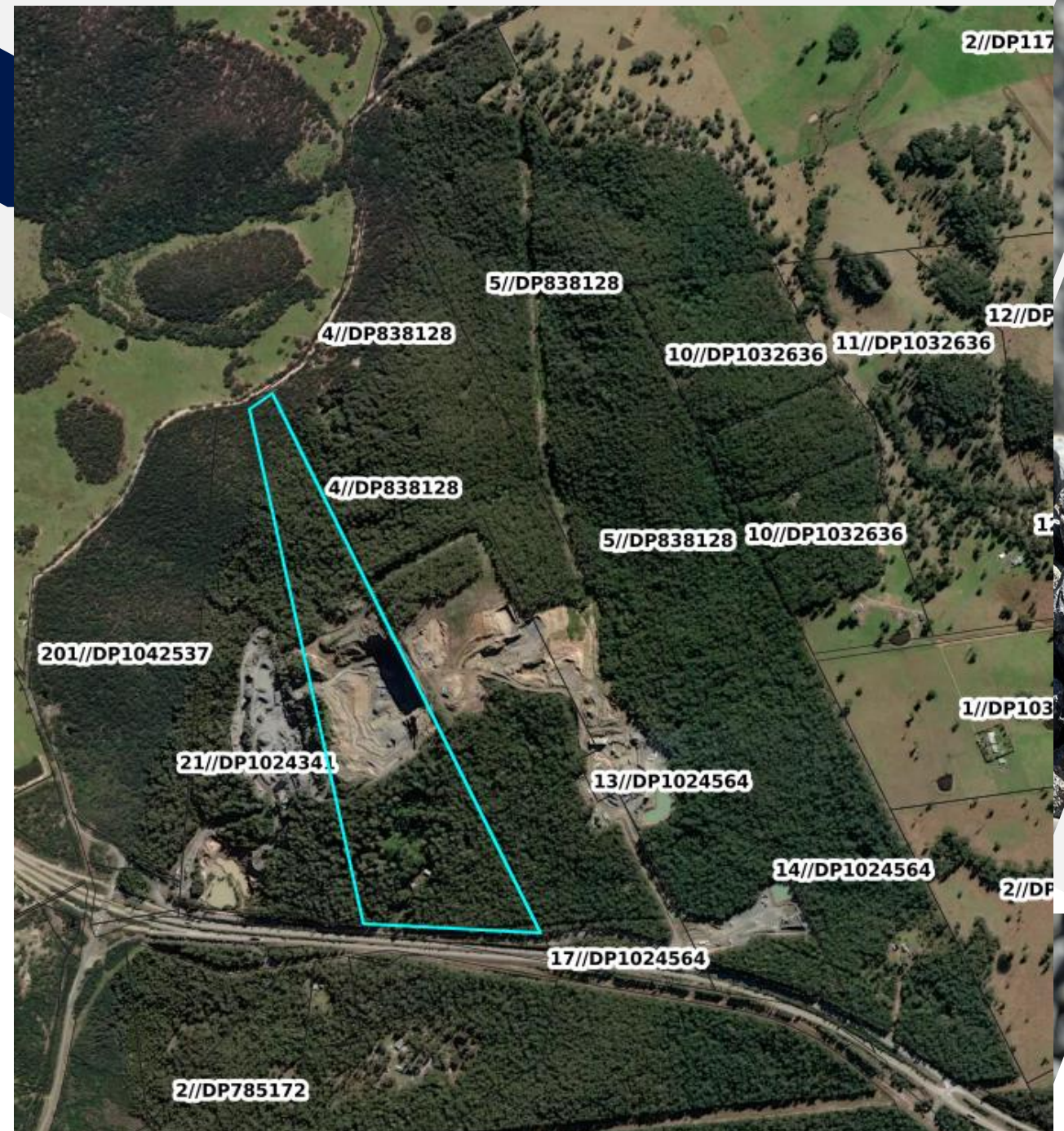
- Partial implementation of MOD9 extended operating hours from May 2025 (further discussion under complaints section).

Project Overview

Status and Existing Operations

Business Changes:

- Hunter Quarries finalised the acquisition of Wedgerock Pty Ltd in Q2 CY2025.
- Lot 11 DP1024564 completes the ownership of the “Karuah Quarry Complex”.
- Q&A discussion at the end of the meeting.



Company Report

Approvals

NSW Project Approval (MP09-0175):

- MOD1 – 0.25 Ha increase in quarry footprint for safe HME operation.
- MOD2 – 1.13 Ha increase in quarry footprint for separation of LV & HME Haul Roads.
- MOD3 to 7 – *withdrawn*
- MOD8 – application of contemporary EPA Noise Policy for Industry (2017).
- MOD9 – extended operating hours in accordance with MOD8 noise abatement measures.
- MOD10 – 7.17 Ha increase in quarry footprint stockpile extension project.
 - **BLUE** area in the figure consisting of additional stockpile areas, new administration building and proportional upgrades to water management infrastructure.
 - No change to quarry operations, extraction or transport rates or operating hours.
 - Continuing to acquire secondary approvals.



Company Report

Approvals

Commonwealth EPBC Approvals (EPBC 2014/7272 & 2022/9164):

- 07 May 2025 received Variation 2 to the original 2014 approval.
- 02 July 2025 received the new 2022 approval.
- Both of the above approvals were needed as a result of MOD10.
- 2014/7282 – Variation 2 provided approval to:
 - Reduce the Biodiversity Offset Area (BOA) to match the new boundaries of the Central and Southern Disturbance Areas, and
 - Establish a new replacement BOA to be provided on Lot 201 to the west of the Karuah Hard Rock Quarry.
 - Aim of this arrangement is to maintain compliance with the previously established offsets under the former NSW *Threatened Species Conservation Act 1995*.
- 2022/9164 – provided approval for:
 - New impacts for the Northern, Central and Southern Disturbance Areas.
 - Offsets to be credit-based in accordance with the current NSW *Biodiversity Conservation Act 2016* and NSW Biodiversity Offsets Scheme.



Company Report

Approvals

KEQ Biodiversity Offsets Strategy:

- Proposed establishment of Western BOA and Eastern BOA.
- Submitted to Council and NSW DCCEEW for consultation before approval by NSW Planning.
- Sites managed via individual BOA Management Plans to be approved by both NSW Planning and Commonwealth DCCEEW.

-  Karuah Quarry Complex Site Boundary
-  Karuah East Quarry (MP09_0175_MOD10)
-  Karuah East Quarry Eastern Biodiversity Offset Area
-  Karuah East Quarry Western Biodiversity Offset Area



Company Report

Approvals

NSW Environment Protection Licence (EPL 20611):

Variation	Date of Approval	Summary
Variation 8	17 February 2025	○ Minor adjustments to (3x) depositional dust gauges to more reliable locations.
Variation 9	24 July 2025	○ Deletion of DDG5 intended to monitor the ‘structure’ on Lot 11 following acquisition of Wedgerock Pty Ltd.
Variation 10	04 September 2025	○ Statutory licence review. ○ Administrative update of references from MOD9 to MOD10 as the latest approval. ○ Removal of completed (2019) Pollution Reduction Study for noise mitigation measures.

Company Report

Approvals

Environmental Management Plans:

Plan	Version	Date of Approval	Summary
Environmental Management Strategy	4A	05 May 2025	○ Comprehensive review following acquisition of Lot 11 DP1024564 from Wedgerock Pty Ltd. ○ Deletion of DDG5 monitoring point.
Air Quality Management Plan	5A	30 April 2025	○ Comprehensive review following acquisition of Lot 11 DP1024564 from Wedgerock Pty Ltd. ○ Deletion of DDG5 monitoring point.
BOA Management Plan	5A	26 May 2024 (draft)	○ Existing draft Eastern BOAMP to be finalised. ○ New Western BOAMP to be developed. ○ Submission following KEQ BOS approval.
Biodiversity Offset Strategy	2A	08 September 2025 (consultation submission)	○ Draft document developed for KEQ MOD10 Stockpile Extension Project.

All documents are published on Hunter Quarries' website:

<https://hunterquarries.com.au/reporting/>

Sustainability > Reporting > Karuah East Quarry

Company Report

Approvals

Environmental Management Plans:

Plan	Version	Date of Approval	Summary
Blast Management Plan	4A	23 March 2025	○ Comprehensive review following acquisition of Lot 11 DP1024564 from Wedgerock Pty Ltd. ○ Removal of references to the Cooperative Blasting Agreement between KEQPL and Wedgerock Pty Ltd.
Heritage Management Plan	2B	24 October 2023	○ No change since last meeting.
Landscape & Rehabilitation Management Plan	5C	10 March 2025	○ No change since last meeting.

All documents are published on Hunter Quarries' website:

<https://hunterquarries.com.au/reporting/>

Sustainability > Reporting > Karuah East Quarry

Company Report

Approvals

Environmental Management Plans:

Plan	Version	Date of Approval	Summary
Noise Management Plan	4C	11 July 2024	No change since last meeting.
PIRMP*	4	—	June 2025 routine annual update accounting for personnel changes and following mock-incident testing. <i>* Pollution Incident Response Management Plan</i>
Transport Management Plan	2D	26 November 2024	No change since last meeting.
Water Management Plan	3D	07 July 2025 (consultation submission)	Further update required to incorporate Karuah South Quarry’s groundwater piezometers into the KEQ network.

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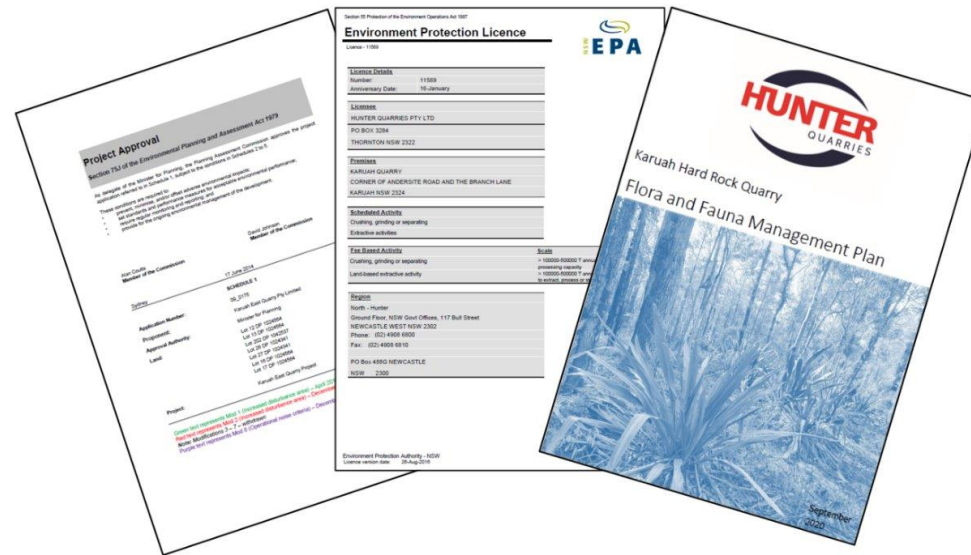
Sustainability > Reporting > Karuah East Quarry

Company Report

Environmental Monitoring

Overview:

- In line with the Project Approval, EPL and approved Management Plans, Hunter Quarries undertake environmental monitoring for:
 - Air quality,
 - Blasting,
 - Noise, and
 - Water.
- Data covers the reporting period of the first half (H1, January to June) of 2025.

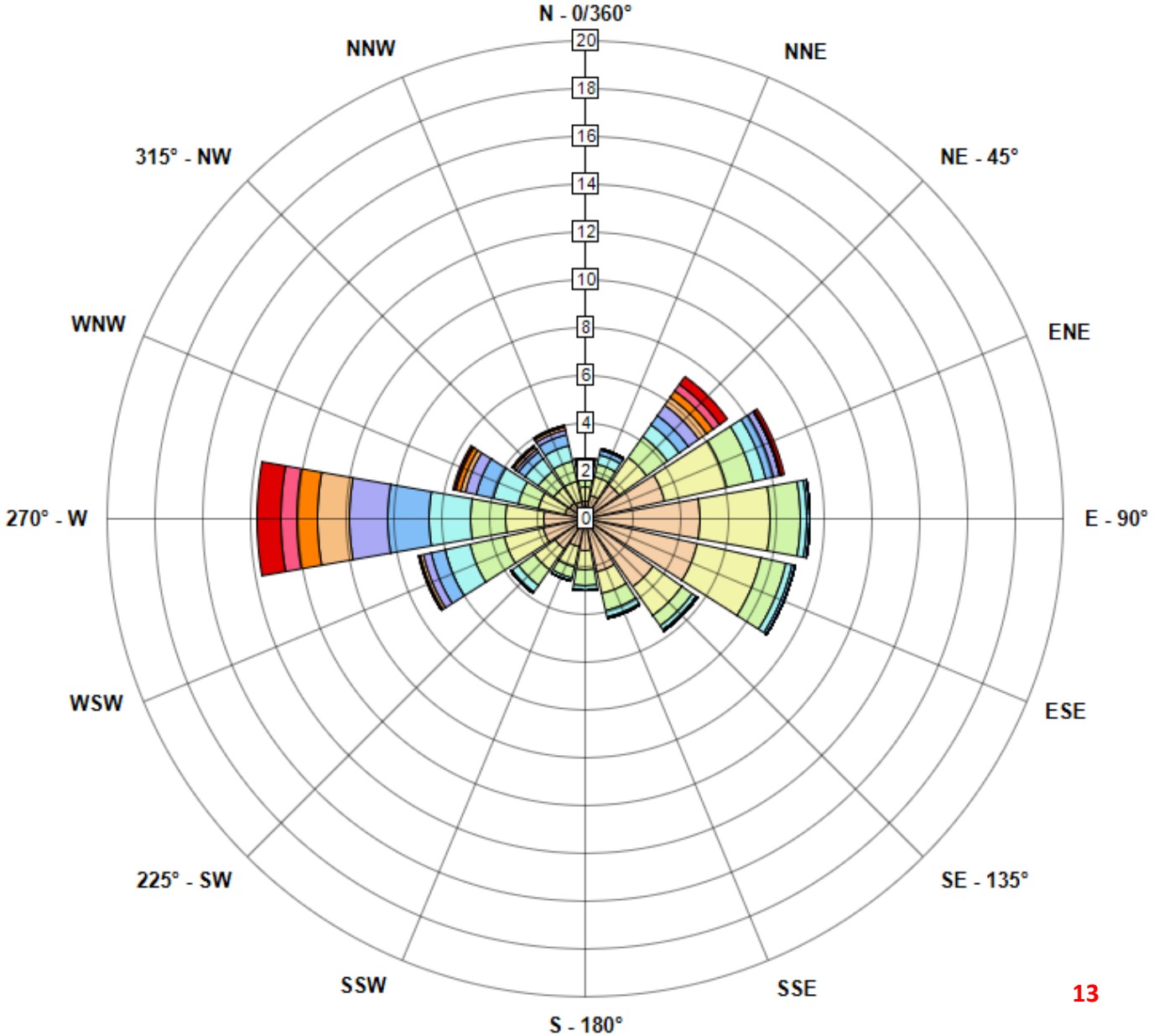
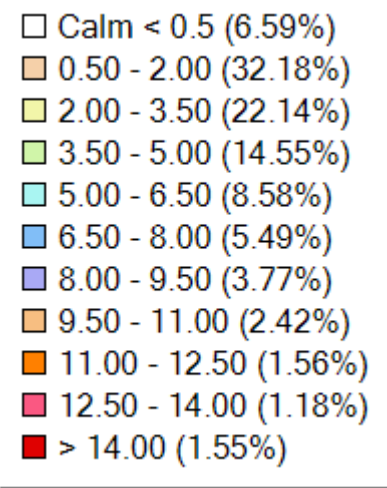


Environmental Monitoring

Wind Rose Report for: Karuah East - 15 Min Data
VWDIR Vector Wind Dir and VWSP Vector Wind Spd in km/h
Period: 2025-01-01 00:00 to 2025-06-30 00:00
Direction the Wind is Blowing To

Weather (Wind):

- Continued strong east-west winds over the first half of 2025.
- Minor shift in historic trend of winds along the north-west to south-east alignment.

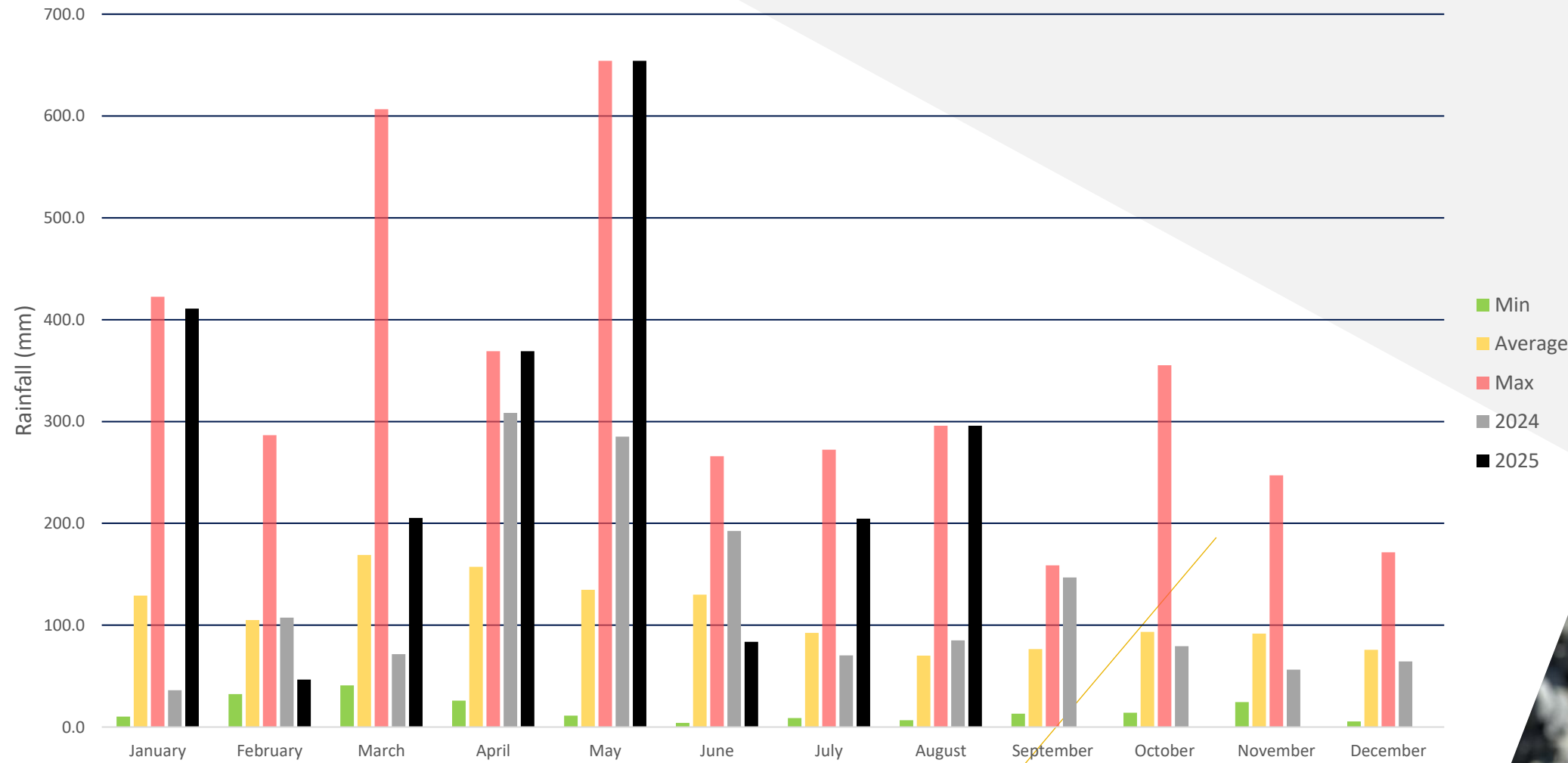


Company Report

Environmental Monitoring

Rainfall Parameter	Rainfall (mm)
Average	1240.2
2024	1,504.0
2025 YTD (August)	2,270.0

Monthly Rainfall Summary



* Site monitoring commenced in 2010 – Site rainfall records achieved in April, May and August 2025.



Company Report

Environmental Monitoring

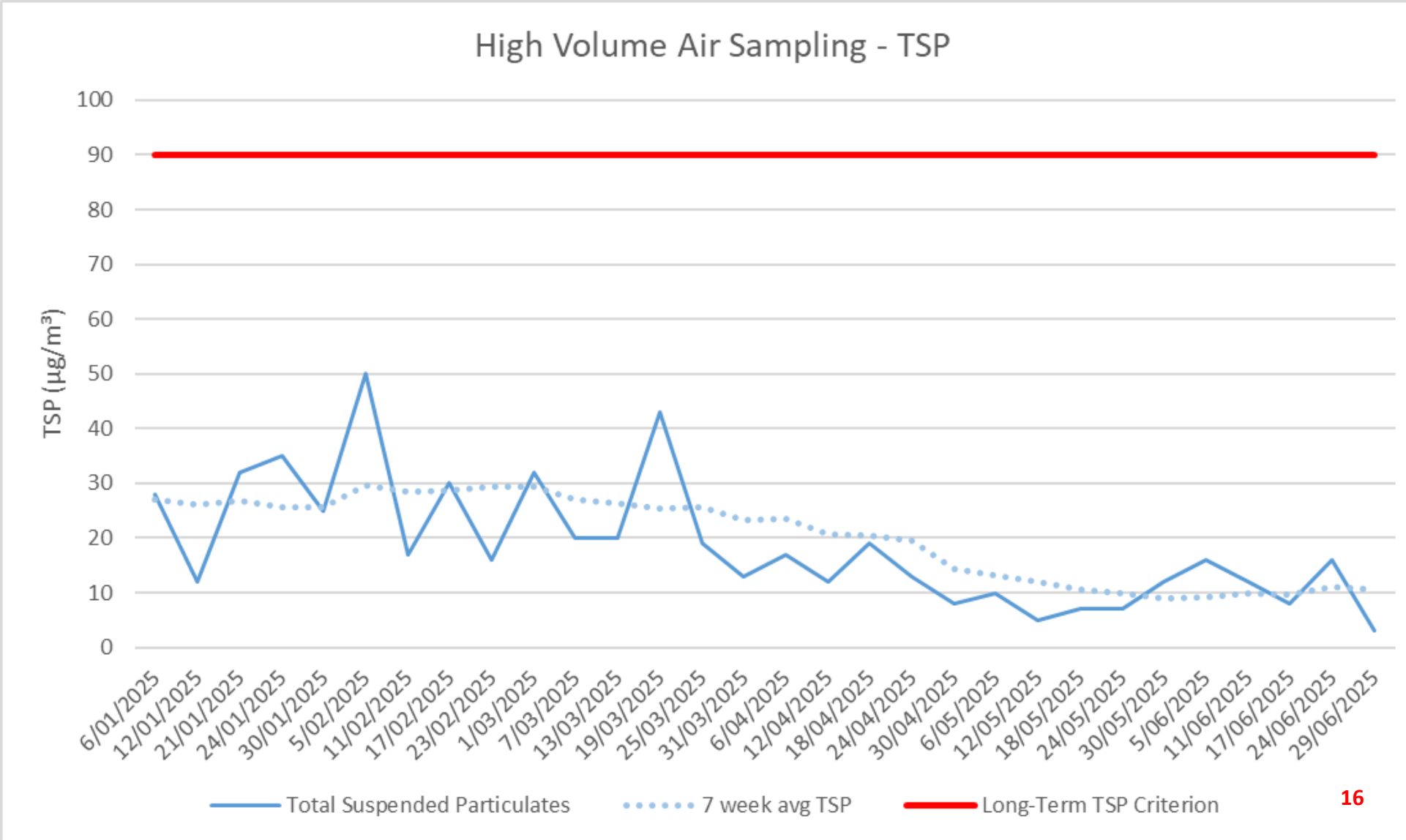


Company Report

Environmental Monitoring

Air Quality:

- Total Suspended Particulates within long-term criteria.
- Results proportional to observed rainfall.

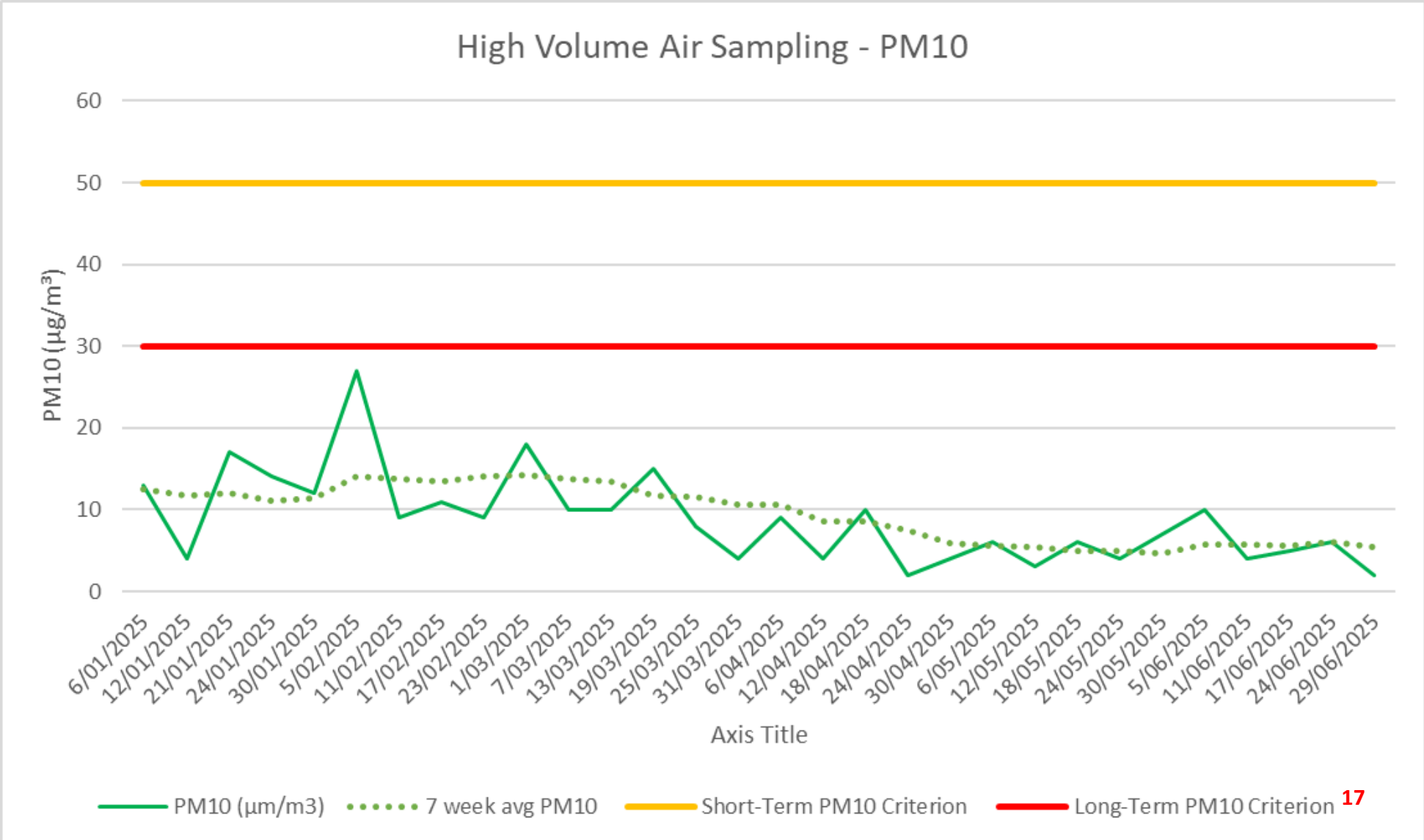


Company Report

Environmental Monitoring

Air Quality:

- PM10 within both short- and long-term criteria.
- Results proportional to observed rainfall.

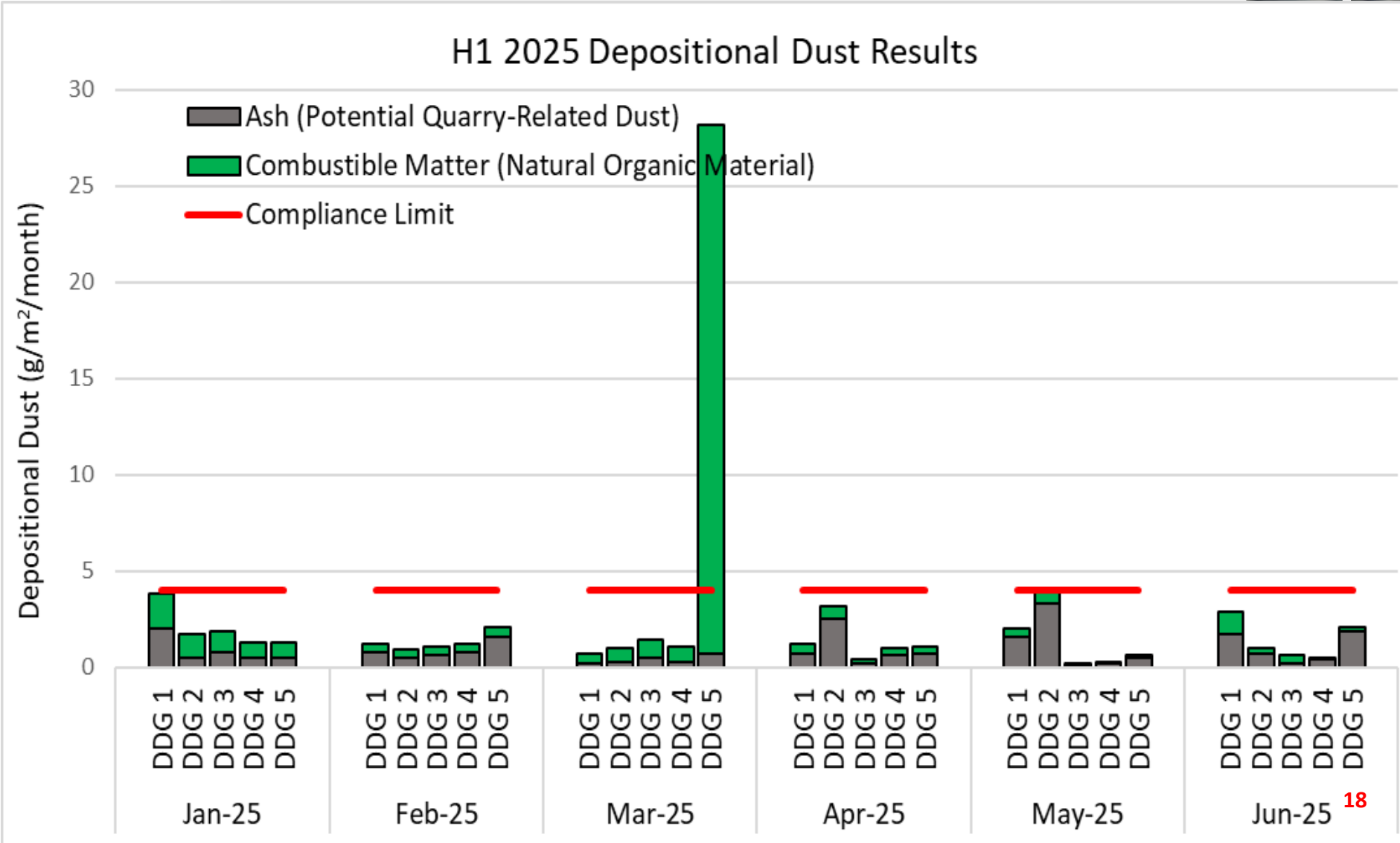


Company Report

Environmental Monitoring

Air Quality:

- Depositional dust generally compliant with long-term criteria.
- DDG5 (March 2025) exceedance due to an algal bloom.
- Since replaced glassware with tinted bottles to minimise risk of recurrence.
- Reported to landholders, NSW EPA and NSW Planning.



Environmental Monitoring

Noise:

- Hunter Quarries engaged acoustic consultants EMM to conduct quarterly noise monitoring at five locations surrounding the quarry across the morning shoulder, day-time and evening monitoring periods.
 - Q1 2025 – 05 February 2025.
 - Q2 2025 – 14 & 28 May 2025.
 - Q3 2025 – 27 August 2025.
- All monitoring rounds compliant with noise criteria at all locations during morning shoulder, day and evening monitoring periods.



Company Report

Environmental Monitoring

Blasting:

- 9x blasts, all compliant with criteria for air blast overpressure and ground vibration.

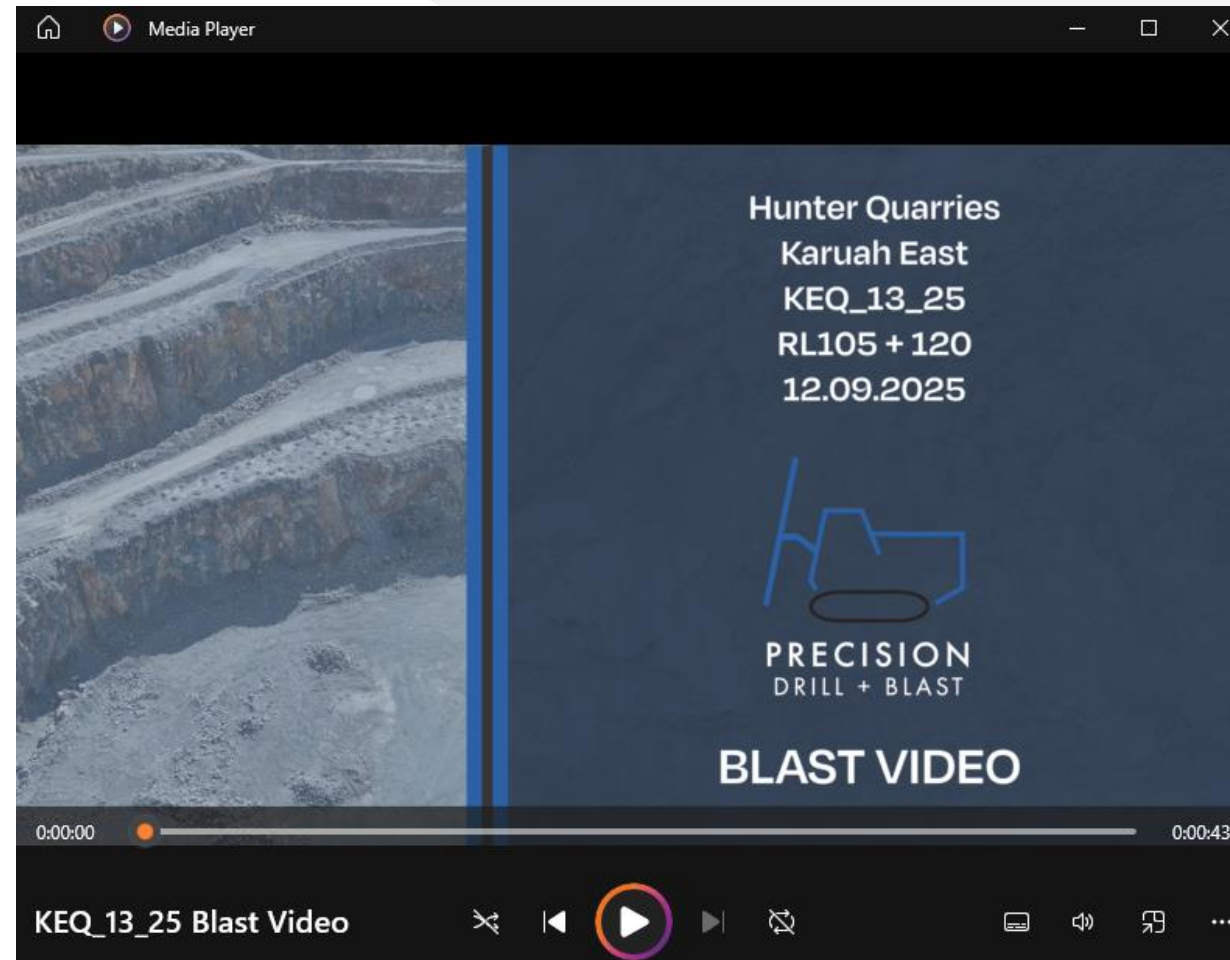
Blast ID	Date	Overpressure dB(L)	Compliant [< 115 dB(L)]	Ground Vibration (mm/s)	Compliant [< 5 mm/s]
KEQ_1_25	16 January 2025	< 108	Y	< 0.5	Y
KEQ_2_25	03 February 2025	108.7	Y	0.61	Y
KEQ_3_25	14 February 2025	112.9	Y	0.71	Y
KEQ_4_25	03 March 2025	< 108	Y	< 0.5	Y
KEQ_5_25	28 March 2025	111.0	Y	0.84	Y
KEQ_6_25	11 April 2025	113.4	Y	0.62	Y
KEQ_7_25	05 May 2025	< 108	Y	< 0.5	Y
KEQ_8_25	06 June 2025	106.1	Y	1.33	Y
KEQ_9_25	30 June 2025	< 108	Y	< 0.5	Y



Company Report

Environmental Monitoring

Blasting:



Company Report

Environmental Monitoring

Production and Sales:

Month	Quarry Product Sales (t)
Jan-25	54,080
Feb-25	95,968
Mar-25	95,438
Apr-25	63,662*
May-25	65,786*
Jun-25	93,552
Jul-25	88,839
Aug-25	53,267*
Progressive Total:	610,592

* Site rainfall records in April, May and August 2025.



Company Report

Environmental Monitoring

Water (Dam 1):

- The capacity of Dam 1 is 12 ML and is designed to manage runoff from operational areas of the quarry. The dam serves as the primary water storage for KEQ and provides water for operational purposes such as dust suppression.
- Dam 1 discharges into the Bulga Creek catchment to the east of the site.
- 4x uncontrolled discharge events.



Parameter	pH	EC (μS/cm)	Turbidity (NTU)	TSS (mg/L)
No of Days	23x days of discharge			
Lowest	7.2	108.0	940.0	280.0
Average	7.4	207.6	940.0	771.7
Highest	7.6	366.0	940.0	2400.0

Company Report

Environmental Monitoring

Water (Dam 2):

- The capacity of Dam 2 is 0.5 ML and is designed to manage runoff from the existing weighbridge area.
- Dam 2 discharges into the Yalimbah Creek catchment to the south of the site.
- 4x uncontrolled discharge events.
- Increased proportion of received rainfall occurring as major events and therefore uncontrolled discharges, compared to smaller consistent events.



Parameter	pH	EC (μS/cm)	Turbidity (NTU)	TSS (mg/L)
No of Days	32 days of discharge			
Lowest	6.6	70.8	1.8	6.0
Average	7.0	478.2	150.8	99.6
Highest	7.7	1830.0	840.0	730.0

Company Report

Environmental Monitoring

Water (Dam 3):

- The capacity of Dam 3 is 2 ML and is designed to manage runoff from the existing stockpile area.
- Dam 2 discharges into the Bulga Creek catchment to the east of the site.
- 4x uncontrolled discharge events.
- Increased proportion of received rainfall occurring as major events and therefore uncontrolled discharges, compared to smaller consistent events.



Parameter	pH	EC (µS/cm)	Turbidity (NTU)	TSS (mg/L)
No of Days	52x days of discharge			
Lowest	6.6	65.6	10.0	6.0
Average	7.1	420.1	88.8	49.4
Highest	7.8	770.0	340.0	200.0

Company Report

Environmental Monitoring

Exceedances and Non-Compliances (H1 2025):

Date	Summary	Notes
09 – 12 Jan 2025	Uncontrolled discharges of sediment-laden water 164.2 mm of rainfall over 48 hours. 185.8 mm total five-day rainfall event. Non-compliant discharges from Dams 1 to 3.	5x day 95th percentile design storm depth of 90.6 mm. PIRMP enacted & resident / agency notified. Dams flocculated and ESC measures deployed.
17 – 20 Jan 2025	Uncontrolled discharges of sediment-laden water 91.8 mm of rainfall over 24 hours. 174.6 mm total four-day rainfall event. Non-compliant discharges from Dams 1 to 3.	5x day 95th percentile design storm depth of 90.6 mm. PIRMP enacted & resident / agency notified. Dams flocculated and ESC measures deployed.
18 Jan 2025	Failure to Monitor – Particulate Matter Power-Outage associated with major weather event.	Replacement Run – 21-22 January 2025. Landholders, NSW Planning & NSW EPA notified.
March 2025	Failure to Monitor – DDG5 Contamination Event Algal bloom within depositional dust bottle.	Replaced bottled with tinted glassware to reduce risk. Landholders, NSW Planning & NSW EPA notified.
27 April to 04 May 2025	Uncontrolled discharges of sediment-laden water 142.2 mm of rainfall over 24 hours. 318.4 mm total six-day rainfall event. Non-compliant discharges from Dams 1 to 3.	5x day 95th percentile design storm depth of 90.6 mm. PIRMP enacted & resident / agency notified. Dams flocculated and ESC measures deployed.

Company Report

Environmental Monitoring

Exceedances and Non-Compliances (H1 2025):

Date	Summary	Notes
19 – 25 May 2025	Uncontrolled discharges of sediment-laden water 175.8 mm of rainfall over 48 hours. 457.4 mm total six-day rainfall event. Non-compliant discharges from Dams 1 to 3.	5x day 95th percentile design storm depth of 90.6 mm. PIRMP enacted & resident / agency notified. Dams flocculated and ESC measures deployed.
23 June 2025	Failure to Monitor – Particulate Matter Scheduled Maintenance Power-Outage by Essential Energy.	Replacement Run – 24-25 June 2025. NSW Planning & NSW EPA notified.
01 – 03 July 2025	Uncontrolled discharges of sediment-laden water Approx 95 mm of rainfall over in 24 hours. 120.4 mm total three-day rainfall event. Non-compliant discharges from Dams 1 to 3.	5x day 95th percentile design storm depth of 90.6 mm. PIRMP enacted & resident / agency notified. Dams flocculated and ESC measures deployed.
03 – 05 Aug 2025	Uncontrolled discharges of sediment-laden water 211.8 mm total five-day rainfall event. Non-compliant discharges from Dams 1 to 3.	5x day 95th percentile design storm depth of 90.6 mm. PIRMP enacted & resident / agency notified. Dams flocculated and ESC measures deployed.

Company Report

Environmental Monitoring

Exceedances and Non-Compliances (H1 2025):

Date	Summary	Notes
August 2025	Depositional Dust exceedance at DDG1 Ash (potentially quarry-related) recorded at 7.0 g/m²/month, compared to the limit 4.0 g/m²/month. Landholders, NSW Planning & NSW EPA notified.	Considered to be an anomalous result that was not repeated at the other four sites and is inconsistent with the long-term trends. South-westerly winds during the month dominated (i.e. placing the quarry downwind of the gauge).

Company Report

Community Engagement

Community Complaints (H1 2025):

Month	Date & Time	Environmental Aspect	Nature and Response
Apr-25	03 April 2025 06:22 pm	Noise	Complaint received by text that audible noise from quarry operations were experienced at a nearby residence on Halloran Road, North Arm Cove between 10:00 and 10:30 pm on 03 April 2025. An investigation of the complaint confirmed that noise generating activities were conducted beyond authorised hours of operation provided by the Project Approval and EPL. A letter box drop to neighbouring landholders was subsequently completed confirming operating hours until 10:00 pm Mondays and until 9:00 pm from Tuesday to Friday. Operations staff and contractors were then subject to toolbox talks of these hours and the associated allowable activities.

Company Report

Community Engagement

Operating Hours:

- Quarry Operations:
 - until 10:00 pm (Monday)
 - until 09:00 pm (Tuesday to Friday)

Please report any issues:

- Community Call Line – **1800 329 161**
- Will trigger a text message to relevant site supervisor to review and modify operations.

Hours of Operation

7. The Applicant must comply with the operating hours in Table 1.

Table 1: Operating hours

Activity	Operating Hours
Quarrying Operations	7:00 am to 9:00 pm, Monday to Friday 7:00 am to 10:00 pm Monday to Friday on 50 calendar days per year; and 7:00 am to 6:00 pm, Saturday. No drilling 6:00 pm to 10:00 pm Monday to Friday or 1:00 pm to 6:00 pm Saturday
	No quarrying operations on Sundays or Public Holidays.
Product loading and dispatch	5:00 am to 9:00 pm Monday to Friday 5:00 am to 10:00 pm Monday to Friday on 50 calendar days per year 6:00 am to 6:00 pm Saturday No product loading and dispatch on Sundays or Public Holidays
Construction activities	7.00 am to 6.00 pm, Monday to Friday; and 8.00 am to 1.00 pm, Saturdays, unless noise from these activities does not exceed 40 dB(A) <i>L_{Aeq}(15 min)</i> at any privately-owned residence.
Maintenance activities	24 hours a day, 7 days per week, providing maintenance activities are inaudible at any privately-owned residence

Note: This condition does not apply in the event of a direction from police or other relevant authority for safety or emergency reasons regarding works which may need to be undertaken to avoid loss of life, property loss and/or to prevent environmental harm.

Company Report

Community Engagement

Community Sponsorships:



■ LEARN MORE

At Hunter Quarries, we’re proud to support the local communities in which we operate.

Whether it’s a sporting club, a not-for-profit, or a community initiative, we’re always open to hearing how we might be able to assist.

If you’re seeking support, please complete the form below. Our team reviews all requests carefully and will be in touch if your application progresses.

First name

First name *

Organisation or Club Name

e.g. Karuah Pearls Netball Club

Your Role or Position

e.g. Club Secretary, Project Coordinator

Location or Region

e.g. Karuah, Tea Gardens, Bulahdelah

Email

Your email *

Phone

Your phone number

Tell Us About Your Organisation or Initiative

A brief overview of what your organisation does, your goals, and who you serve*

ENVIRONMENTCOMMUNITYREPORTING

- In May 2025, implemented a new website application for sponsorship requests.
- Letter box drop completed 06 May 2025.

Company Report

Community Engagement

Community Sponsorships:

Community Group	Project
Clarence Town Cobras	2025 Clarence Town Cobras Sponsorship
Karuah Pearls Netball Club	Sponsorship package - Pearl Package
Countrywide Austral	The Volunteer Magazine
Stroud Show	2025 Sponsorship - Chainsaw Championships
Newcastle University Rugby Club	2025 Silver Sponsorship
Karuah Mens Shed	503L Top Mount Refrigerator
Newcastle Rugby Union Referees Association	NRURLA 2025 Sponsorship
Fourie Family - Gresford	Material Donation – Driveway Drainage Aggregate
Karuah Golf Club	Material Donation – Driveway Roadbase
Victoria Hotel Hinton	Bullarama – 21 November 2025

Company Report

Community Engagement

Community Projects:

- Reminder of RedCross Project.
- Various government agencies, including:
 - Police,
 - RFS,
 - SES,
 - NSW Reconstruction Authority, and
 - NSW Department of Communities.
- Hunter Quarries attending.



RediCommunities Karuah

RediCommunities is an Australian Red Cross initiative that empowers local communities to create and implement their own disaster resilience action plans.

This first workshop is an opportunity to meet your local emergency services and learn about their roles, your risks and the services that support you before, during and after an event.

Venue: Karuah RSL Club

Date: Thursday 16th October

Time: 6:00–8:30pm

RSVP: via QR code or to Karen Maloney on 0428 634 272

Catering provided



Company Report

Community Engagement

Proposed 'Karuah Quarry Complex' CCC:

- Following the acquisition of Lot 11, and consistent with past practices, Hunter Quarries propose to formalise a single CCC group for all projects within the quarries' landholdings.
- Information for **both** Karuah Quarry and Karuah East Quarry would be discussed.
- Open Q&A to the Committee for the proposal.

- | | |
|---|---|
|  Karuah Quarry Complex Site Boundary |  Karuah East Quarry (MP09_0175_MOD10) |
|  Karuah Quarry (DA 2004-10-265) |  Karuah East Quarry Eastern Biodiversity Offset Area |
|  Karuah Quarry Conservation Offset Area |  Karuah East Quarry Western Biodiversity Offset Area |

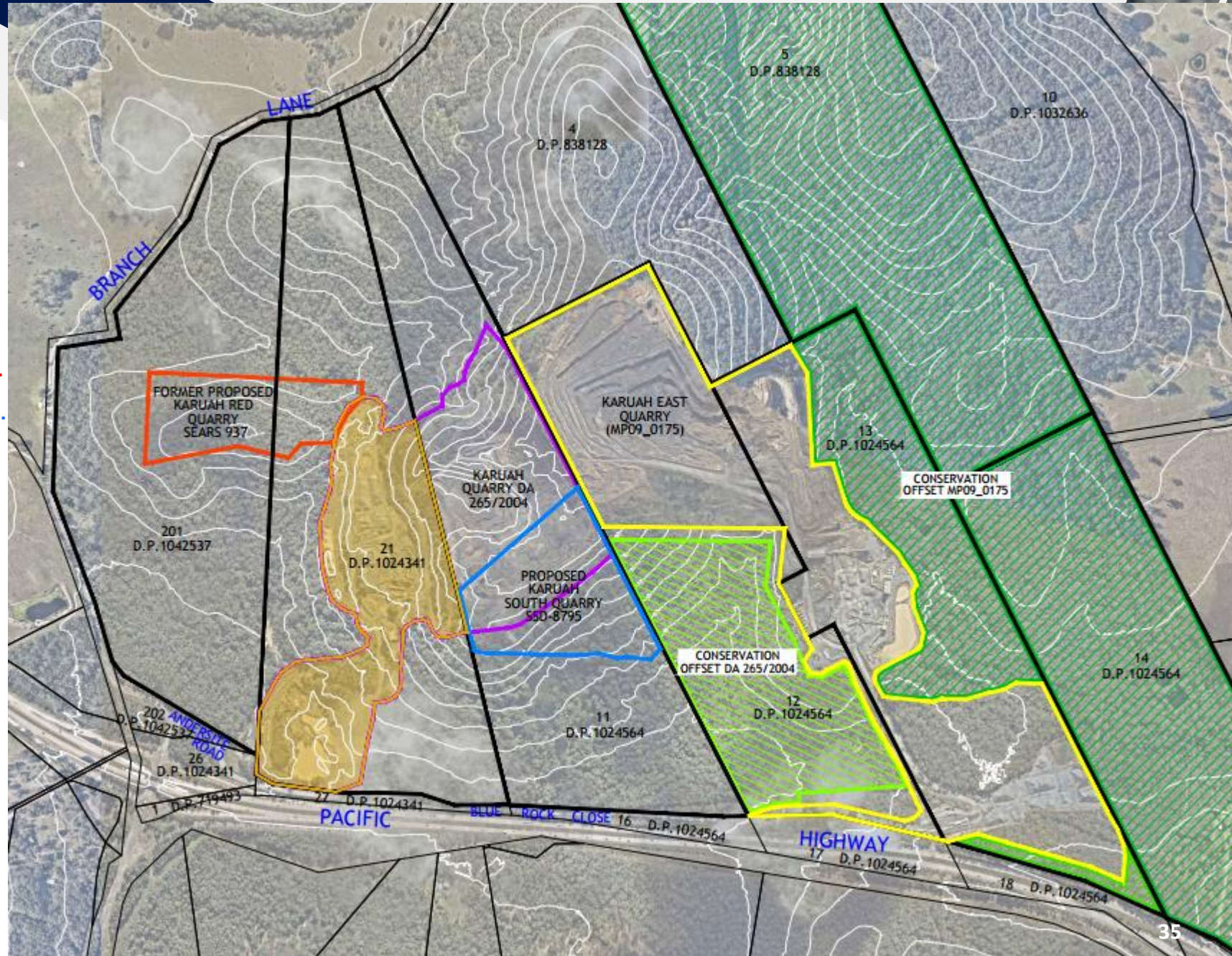


Project Pipeline

Community Consultation

Review of Development Projects:

- Since acquiring Lot 11, review of various projects has been undertaken:
- Karuah Red Quarry (SEARS 937).
- Karuah South Quarry (SSD-8795).
- Karuah Resource Operations (proposed resource recovery).
- A more consistent and wholistic project pipeline can be developed as single operator.
- Priority given to removing the remnant highwall between the Karuah Quarry & Karuah East Quarry extraction pits.



Project Pipeline

Community Consultation

Remnant Highwall Project:

- The current approved quarry layouts for KHRQ and KEQ results in a poor final landform as well as sterilising a high-quality resource within existing disturbance areas.
- The adjacent image is a Northbound (easterly) view from the A1 Pacific Highway to the KHRQ with a comparison of existing landform vs landform post completion of the proposal.
- Represents the 'high-profile' view of the quarry complex site from travelling motorists.



LIKELY VISUAL OUTCOME AFTER PROPOSED WORKS



Project Pipeline

Community Consultation

Remnant Highwall Project:

- The current approved quarry layouts for KHRQ and KEQ results in a poor final landform as well as sterilising a high-quality resource within existing disturbance areas.
- The adjacent image is a Westbound (westerly) view from Halloran Road, North Arm Cove of the KEQ with a comparison of existing landform vs landform post completion of the proposal.
- Represents the views from rural-residential properties to the east of the quarry complex in North Arm Cove.



LIKELY VISUAL OUTCOME AFTER PROPOSED WORKS



Project Pipeline

Community Consultation

Remnant Highwall Project:

- No changes to quarry operations, extraction or transport rates.
- No new vegetation removal.
- Preliminary engagement with NSW Planning completed in July 2025.
- Hunter Quarries currently awaiting confirmation of approvals pathway.
- Extraordinary CCC meeting to be arranged to provide a detailed project briefing following NSW Planning feedback.

General Business

Questions and Discussion:

CONTACT

**Hunter Quarries
Blue Rock Close
Karuah NSW 2324**

Sales (02) 4050 0304
karuah@hunterquarries.com.au

OPENING HOURS

Monday – Friday: 7am-4pm
Saturday: 7am-12pm

Community Call Line 1800 329 161