



Minutes


13 March 2023

Project name	Karuah East Quarry - Community Consultative Committee	From	Michael Ulph
Subject	Meeting Minutes – March	Tel	0458 049 847
Date / Time	13 March 2023 / 4.05 pm	Project no.	2218437
Attendees	Michael Ulph (Chairperson) Joel Fleming (Karuah East Quarry Pty Ltd) Mat Radnidge (ADW Johnson) Isaac Daley (Karuah East Quarry Pty Ltd) Shane Burton (Karuah East Quarry Pty Ltd) Tessa Hestelow (Community Representative) Uwe Seil (Community Representative) Wade Cameron (Community Representative) John Lyall (Port Stephens Shellfish Program) Janine Reid (North Arm Cove Residents Association) Goetz Schraer (Community Representative)	Apologies	-
Others not present	Mathew Bell – Mid Coast Council Shai Richardson – Karuah LALC Bob Trotter (Community Representative) Shane Emmanuel (Community Representative)		
Objective	Record discussion and actions from this meeting.		

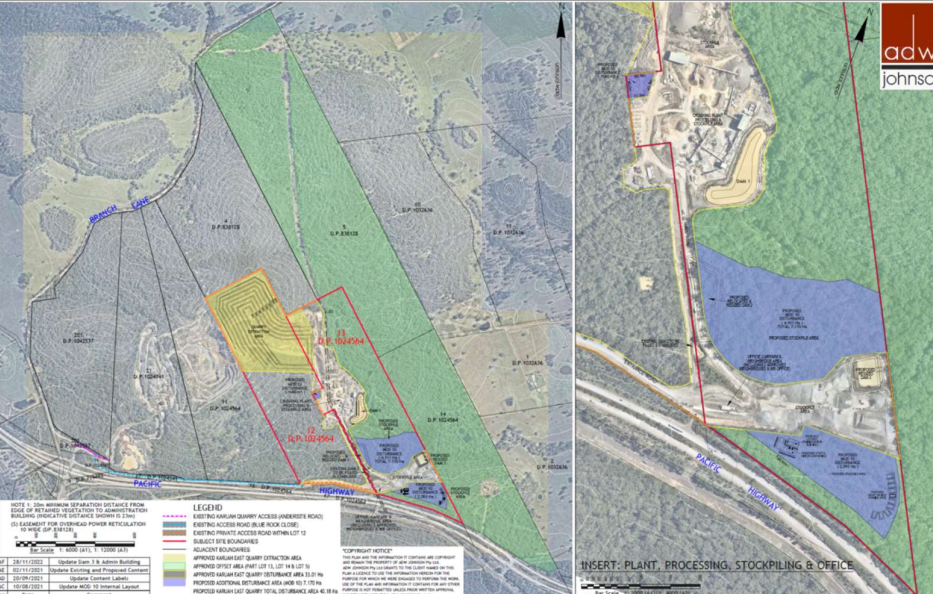
Agenda Item	Notes
Welcome	<ul style="list-style-type: none"> Michael Ulph paid respect to the traditional Aboriginal custodians of the Karuah region, and Elders past, present and future. A few non attendees noted. Some had accepted the meeting request. Welcome to Shane Burton, new Quarry Manager. Michael Todd (former Quarry Manager) resigned from his position at Hunter Quarries Pty Ltd and will no longer be a CCC participant.
Declaration of Pecuniary Interests	<ul style="list-style-type: none"> Michael Ulph confirmed that KEQ Pty Ltd is paying GHD (his employer) a fee for Michael to act as the Independent Chairperson for the CCC. Mat Radnidge confirmed that KEQ Pty Ltd is paying ADW Johnson (his employer) a fee for Mat to be a member of the CCC. Joel Fleming, Isaac Daley and Shane Burton are employees of Hunter Quarries / Karuah East Quarry Pty Ltd.
Acceptance of Previous Minutes	<ul style="list-style-type: none"> Draft CCC Meeting Minutes dated 19 September 2022. <p>Moved: Mat Radnidge</p> <p>Seconded: Tessa Hestelow</p>

Agenda Item	Notes
Correspondence	<ul style="list-style-type: none"> 10 October 2022 - Michael Ulph supplied the draft meeting minutes dated 19 September 2022 to CCC members for review/comment.
Company Report & Overview of Activities	<ul style="list-style-type: none"> Joel described the project in summary, including current approvals, licences, management plans and previous Modifications Joel discussed compliance monitoring: <ul style="list-style-type: none"> Air quality. Has been no issues with air quality compliance, except during the broader regional spike caused by the 2019 bushfires. Results of the high volume air sampler (HVAS) and dust deposition gauges are well within criteria. Joel confirmed where the HVAS and DDG air monitoring equipment are located.  <ul style="list-style-type: none"> KEQPL has a weather station that operates 24/7. This allows KEQPL to constantly monitor winds and tailor operations to suit (eg, avoid certain activity during high winds). Dam 1 is the primary water storage for KEQ and provides water for dust suppression. Designed to have 12ML of water storage. Excessive rainfall occurred during July 2022 and as a result there was uncontrolled water discharge from all site dams (Dam 1, Dam 2, and Dam 3). Daily discharge monitoring confirmed water quality exceeded water quality criteria outlined in the Project Approval and Environmental Protection Licence. Accordingly, the Pollution Incident Response Management Plan (PIRMP) was enacted and appropriate regulatory authorities and the community were notified. Dam 1 had 18 days of controlled discharge during the monitoring period and compliance with water quality parameters was achieved.

Agenda Item	Notes
	<div data-bbox="462 191 1079 646">  </div> <div data-bbox="462 646 535 678"> <p>Dam 1</p> </div> <div data-bbox="511 703 1399 772"> <ul style="list-style-type: none"> • Dam 2 had 11 days of controlled discharge during the monitoring period and compliance with water quality parameters was achieved. </div> <div data-bbox="462 772 1079 1234">  </div> <div data-bbox="462 1234 535 1266"> <p>Dam 2</p> </div> <div data-bbox="511 1291 1399 1360"> <ul style="list-style-type: none"> • Dam 3 had 20 days of controlled discharge during the monitoring period and compliance with water quality parameters was achieved. </div> <div data-bbox="462 1360 1079 1816">  </div> <div data-bbox="462 1816 535 1848"> <p>Dam 3</p> </div>

Agenda Item	Notes
	<ul style="list-style-type: none"> • Michael asked what is the difference between Turbidity and Total Suspended Solids (TSS). Joel confirmed that they are related but TSS are physical particles in the water (eg sediment) and turbidity relates to water clarity. • Attended noise monitoring was completed at the approved noise monitoring locations in the surrounding community. Monitoring was conducted during the day, evening and morning shoulder periods on 23 November 2022 and 1 December 2022. Noise monitoring confirmed the KEQ's operations were within the approved noise limits at all locations.  <p>Attended Noise Monitoring Locations</p> <ul style="list-style-type: none"> • Joel confirmed that noise monitoring takes into account all different weather conditions. • Blast monitoring. There were 13 blasts in the reporting period. All were compliant. Monitoring is conducted at the closest receptor to the blast. • Joel played a short video that showed a blast, to illustrate how well controlled the blasts are. • Shane noted that blasting is a scientific practice. It is by far in the best interests of HQPL to conduct precise blasts because 'fly rock' is a waste of energy and a poor blast can triple production costs due to additional crushing and processing needed of larger rock. • Shane also noted that technology has significantly improved and is controlled by an electronic detonator with each shot individually programmed. A shot firer is not needed. • Production during the period was 503,533 tonnes. • Complaints. Joel confirmed no complaints were received during the period.
Mod 10 Update	<p>Recap:</p> <ul style="list-style-type: none"> • Approx 7.17Ha for additional stockpiling next to the existing stockpile area. The blue area on the map. • Facilitate improved surface water management and increased water security and infrastructure. • Include area for administration building and heavy vehicle parking. • No change to annual extraction limits, hours of operation, processing or vehicle frequency.

Agenda Item	Notes
	<ul style="list-style-type: none"> Required because there is not enough space to stockpile quality tested product, which is a key requirement for tenders for infrastructure projects. <p>Update: MR confirmed:</p> <ul style="list-style-type: none"> Lodged with NSW DPE in July 2021. Public exhibition concluded on 17 August 2022 (30 day exhibition period). Assessment by NSW is well advanced. All state agencies (except NSW DPE) have completed their assessment. Assessed by Biodiversity Conservation Division, Water NSW, EPA, Heritage NSW, DPI fisheries, Resource Regulator and Transport for NSW. Is also being assessed under the bi-lateral agreement between the NSW DPE and the Federal Dept. of Climate Change, Energy, the Environment and Water. During late 2022 and early 2023, KEQ Pty Ltd has responded to clarifying information requested in relation to the following matters: <ul style="list-style-type: none"> Minor adjustment to site plan (to respond to NSW RFS recommendation); Ecology (clarifying detail); Surface Water (dam sizing); and Rehabilitation. <p>Discussion:</p> <ul style="list-style-type: none"> Janine asked if the dams will be increased in size and if they will be appropriately sized? Joel confirmed Dam 2 will be relocated and resized (enlarged) and Dam 3 will be enlarged. MR confirmed that DPE Water have assessed the Dam sizing and are happy with what is proposed. Wade asked has assessment against the 'Blue Book' occurred. MR confirmed yes, this was addressed by the Surface Water Management Assessment undertaken as part of the application documents. Janine asked if water discharges will increase? Joel confirmed the dams are sized according 'Blue Book' requirements. Consistent with the 'Blue Book', dams of this size typically experience uncontrolled discharge 1-2 times per year. Modelling of Dams 2 and 3 predict much less, being 0.2 days per year. Tessa Hestelow asked if there is a timeframe for construction. Joel confirmed the application is still under assessment by DPE so timing is not known yet, however KEQPL would like to construct as early as possible.

Agenda Item	Notes
	
Upcoming Development	<p>Joel and Mat provided details on the Karuah Red Quarry proposal.</p> <p>Summary of Proposal:</p> <ul style="list-style-type: none"> Extraction of up to 100,000 tonnes of Red Rhyodacite material per annum for up to 20 years in a standalone quarry operation to be known as Karuah Red Quarry. This is much smaller than KEQ (approved up to 1.5 million tonnes per annum) and Karuah Quarry (approved up to 500,000 tonnes per annum). Karuah Quarry is also significantly scaling down operations as it approaches its upcoming closure in 2027 and is primarily used on a project specific 'campaign' basis. Red rhyodacite is a different product from KEQ and KQ that is used for decorative landscaping and infrastructure projects. Removal of vegetation (approximately 5ha). Site preparation and earthworks. Blasting the quarry face (smaller blasts than KEQ and KQ). Crushing, sorting and stockpiling material ready for transport from the site. Use of existing haulage road to minimise disturbance. Progressive rehabilitation of worked quarry areas. Management plans will be established and implemented to manage / mitigate key environmental considerations.

Agenda Item	Notes
	<p>Community Consultation</p> <p>Mat confirmed that an open invite community 'drop in' session is targeted for late March 2023. Invites will follow separately. [Post Meeting Note: This has now been confirmed for 30/3/23 at Karuah RSL Club between 4pm-6pm].</p> <p>Discussion</p> <ul style="list-style-type: none"> • Janine – Is aware of the red rhyodacite material and would likely buy some, it is a very pretty rock. • Joel – Karuah Red will be a small scale, boutique operation. Shane confirmed it will be a specialised product and the quarry will likely operate on a campaign basis. The operation will likely take specific orders and operate on that basis. • Mat – Understands the rock is also used in feature infrastructure projects, because it is a highly aesthetic material. • Wade Cameron asked if the operation will include the 'old' Karuah Red Quarry [Post Meeting Note: the 'old' Karuah Red Quarry is located at the southern portion of Lot 21 DP 1024341]. Joel responded no, the old quarry is used for water storage and is not part of the Karuah Red Quarry proposal. • Janine asked if the application has been lodged? Mat responded no, the application is being prepared and lodgement is June 2023 is targeted.
General Business	<ul style="list-style-type: none"> • Uwe asked how are trucks weighed. This was based on his observation of unladen trucks entering the quarry that were only weighed on the way out (once laden). Shane advised that there is a database of heavy vehicles and the weights are known. Automated weighing on exit is all that is required. • Janine – Any update on Karuah South. Joel confirmed that application is not affiliated with Hunter Quarries Pty Ltd. Mat confirmed that the details of that application are available on the NSW DPE's webpage. • Wade asked if KEQPL considers the predicted El Nino weather pattern in future operational planning? Joel confirmed yes, the quarry considers weather forecasts, particularly relevant to water storages. • Janine asked how silica is managed. General discussion of silica occurred. KEQ have implemented an additional air quality management system (in addition to the existing one already in place) to ensure air quality is managed in accordance with industry best practice. Shane noted that dust control is a key priority of agencies such as the NSW EPA and compliance is essential. Michael noted that protection of staff would be essential. • Shane stated that in terms of any community concerns or comments regarding any operations, he is available to assist if contacted. • Michael asked if the CCC members were happy with the meeting minutes format, which included images. CCC members confirmed yes. • Joel confirmed that he had resigned and this will be his final CCC meeting. The CCC members thanked Joel for his ongoing efforts. Tessa asked who the replacement community liaison representative for HQ Pty Ltd will be? Joel confirmed that the CCC will be informed as soon as an appointment has been made.
Next CCC meeting and site inspection to be scheduled.	<p>Next meeting scheduled for 18th September 2023.</p> <ul style="list-style-type: none"> • 3pm – Site Inspection (meet at Karuah East Quarry Office, Blue Rock Close, Karuah); and • 4pm – CCC Meeting at Karuah RSL Club.

Agenda Item	Notes
	Michael Ulph to issue calendar invites to CCC members.
Meeting close	The meeting was closed at 5.25pm