

Meeting note

La Farge Holcim – Dubbo Quarry Continuation Community Consultative Committee

Project	Dubbo Quarry Continuation Community Consultative Committee	Date	14 December 2020
Time	4:02pm – 5:25pm		
Chair	Brendan Blakeley	Recorder	Ella Burgess
Attendees	Luke Edminson, La Farge Holcim Alasdair Webb, La Farge Holcim Abdullah Uddin, EMM Consulting Simone Tenne, CCC Member Rowena Parish, CCC Member Paul Scott, CCC Member		

Item	Discussion Point
1.	Welcome and Introductions <ul style="list-style-type: none">» The meeting commenced at 4:02pm» Brendan welcomed all participants and introduced himself as the group’s Independent Chair» The Chair acknowledged each participant and the organisations they represented.
2.	About the CCC and the CCC Guidelines <ul style="list-style-type: none">» The Chair outlined the purpose of the CCC and asked members for any Declarations of Pecuniary Interest <p><i>No Declarations of Pecuniary Interest were noted from the group.</i></p>
3.	Review of Previous Meeting Minutes <ul style="list-style-type: none">» The Chair asked for comments on the previous meeting minutes and confirmed the location on the Holcim website they could be found <p><i>No comments or questions were noted from the group.</i></p>
4.	Traffic Impact Assessment <ul style="list-style-type: none">» Luke introduced Abdullah as the traffic consultant from EMM Consulting» Abdullah introduced his role in preparing the Traffic Impact Assessment (TIA), and gave an overview of the assessment<ul style="list-style-type: none">> The TIA has been completed in accordance with the SEARs> There were two components to the assessment, the capital city of the road network and pavement management> Traffic generation scenarios were completed, comparing existing quarry production levels of 350,000 tpa, to the proposed future maximum of 500,000 tpa> The future quarry’s average maximum production day would increase daily truck trips from 35 to 50

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- > The future maximum production average day would have a less than a 0.3% increase on traffic on Sheraton and surrounding roads
 - > On a maximum peak production day, the increase would be less than 0.6% on traffic at any location surrounding the site.

Q – CCC member: Have you completed Sidra modelling?

- » A: Abdullah confirmed that sidra modelling has been completed. As the project had a lifespan of 25 years, 2045 scenarios had been modelled as part of the EIS, which resulted in a very conservative assumption of 1%.
- » Abdullah noted that the predicted traffic use will bring no change or impact and the road network will operate efficiently
- » As part of the assessment, a Road Safety Audit (RSA) was completed independently
- » Abdullah explained the concerns surrounding road safety are associated with school traffic movements and not the quarry
 - > Holcim are consulting with school precinct stakeholders in relation to this issue.
- » The RSA identified bus movement as a road safety issue
 - > There are a lot of U-turns occurring because it is a no through road
 - > There is extensive queuing along Sheraton Road and Mitchell Highway, stemming from the School
 - > Scenarios have been modelled outside of peak AM and PM times and there are no traffic issues due to the quarry.
- » Abdullah summarised the mitigation measures in case of any traffic increase
 - > Holcim’s driver Code of Conduct must be followed
 - > Drivers must be familiar with the road network and the school zone.
- » Abdullah noted there are issues regarding the pavement structure that need to be addressed by the Council
- » The Chair called for any questions

Q – CCC member: How is the calculation at Sheraton Road made?

- » Abdullah explained that on the Southern end of Sheraton Road, the AM peak volume is 373 vehicle movements. The AM peak is between 8-9am. PM peak is generally 4:30-5:30pm, whilst School peak hour is 3-4pm. The highest number of vehicle movements are during the School peak hour, 501 movements. The School peak hour has the highest movements, so existing volume higher in this particular section of Sheraton Road compared to AM and PM peak.
- » The Chair called for any more questions

Q – CCC member: Can you elaborate on the pavement condition negotiation?

- » A: Luke explained that once there has been consultation with Council, there will be a Statement of Commitments Holcim must abide by. Holcim is likely to pay a royalty fee for the upkeep of the road.

Q – CCC member: Who is responsible for the road?

- » A: Alasdair noted that Holcim pay the fees and originally built the road.

CCC member: noted that a quarry down the road from the Holcim Quarry was supposed to upgrade part of Sheraton Road but it hasn’t occurred yet

- » Alasdair responded that the other quarry is waiting for the Sheraton Road design to match the Boundary Road connection.

Q - CCC member: Do you have a date for that?

- » A: Luke stated that they are hoping to have it completed by July.
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- » The Chair called for any more questions
 - Q – CCC member: Have projections been done after the operation of Boundary Road? How will truck access be mitigated?*
 - » A: Alasdair explained that there is no time constraint to complete the projections.
 - Q – The Chair: Does the study look at when the new network when is due to be completed?*
 - » A: Abdullah noted that they have a target to finish the extension by the upcoming financial year.
 - Q – CCC member: How will any additional large-scale developments surrounding the quarry impact schools?*
 - » A: Abdullah responded that he has already asked for a traffic impact report in terms of the developments. His team are happy to do a sensitivity analysis when they have that data.
 - » The Chair called for final questions on the Traffic Impact Assessment
 - No questions were noted from the group.*
 - » Luke explained to the group that if there are any further questions about the document after it has been put on Public Exhibition, members can contact Holcim for any additional information.
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5. **Timing and process of the application lodgement**

- » Luke recounted that during the last meeting, Holcim would lodge in early November. He indicated they will now be submitting the DA and EIS in January 2021, allowing agencies additional time for review
 - » Luke provided a reviewed project timeline
 - > Q1 2021 – Project lodgement and commencement of exhibition
 - > Q2 2021 – Receive and collate submissions from the NSW government agencies and the community
 - > Q3 2021 – Prepare a Response to Submissions
 - > Q4 2021 – Determination by DPIE and review of draft conditions of consent.
 - » The Chair reiterated the dates above to the group, confirming an email notification would be sent to all CCC members once the exhibition date has been determined.
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6. **Visual Impact Assessment**

- » Luke explained that the visual impact assessment was undertaken earlier in the year and the intent was to examine what the project will look like and what its impact would be towards the local residences
 - » Luke described the stages of the visual assessment which can be found on page 10 of the attached presentation
 - » Luke noted the project would have very low to nil visual impact to the receptors in the area which are identified by the white dots on the map on page 10 of the attached presentation
 - » The Chair called for questions
 - CCC member: I would recommend a visual screening along Boundary Road as there is a development planned there and you can see straight into the Holcim site*
 - » Luke responded that mitigation measures taken are for anyone already living in the area and the general public.
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7. **Noise and Vibration Impact Assessment**

- » Luke noted EMM Consulting have completed an intensive assessment to understand the potential operation noise, construction noise, blasting vibration and road traffic noise impacts associated with the project
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- > Construction noise levels will exceed the criteria at two receptors by 1 – 3 dB (not discernible to the human ear) for short periods and mitigation measures have been recommended to Holcim
 - > Stripping activities will occur for 4 weeks, every 2 years. Noise may increase by 8dB during this period. Only two receptors, shown by white dots of the map on page 11, will be impacted.
 - > During project operations, Noise Management Levels will be exceeded at several assessment locations. Luke reassured the group that operational mitigation measures will be implemented to minimise noise.

Q – CCC member: Where are the measurements taken from?

- » A: Luke explained the noise measurements are predicted and have been determined by topography and the type of equipment that will be used.

Q – The Chair: Are the schools impacted?

- » A: Luke explained that the schools are a long distance from the site, and the nearby receptors would only be impacted by 1 or 2 dB.

Q – CCC member: Are you taking into account the future residential zone that will be encroaching closer to the site?

- » A: Luke noted that the assessment is based on the receptors that are there now. However, predictions show that the same numbers are anticipated in the future.
- » Alasdair noted that on Tuesday 8 December at 2:20pm they fired the biggest blast within guidelines
 - > CCC members responded that none of them had noticed the blast.

8. **Air Quality Impact Assessment**

- » Luke explained that, like the noise assessment, Holcim identified the potential impacted receptors and calculated the predicted air pollutant concentrations that would be deposited in accordance with the SEARs and EPA
 - > Overall very good results were received, with very little air quality impact
 - > Results show that the predicted concentrations and deposition rates for incremental particulate matter are below the impact assessment criteria at all locations
 - > Best practise dust mitigation measures will continue to be employed. A key mitigation measure is site rehabilitation of areas that have been emptied through revegetation.
- » The Chair called for questions

Q – CCC member: Was fly ash taken into account? I noticed it is not banded on your site.

- » A: Alasdair confirmed fly ash was taken into account and that the fly ash is not radioactive, nor does it contain any heavy metals so it can't be moved.
 - > Alasdair noted the fly ash could not be moved into the local gully because there is a mixing
 - > The EPA has recently visited the site and is generally OK with storage of the fly ash. They have recommended some minor changes to how Holcim can manage the fly ash.
- » The Chair called for final questions and comments

No questions or comments were noted from the group.

9. **Future Meeting Schedule**

- » The next CCC meeting is tentatively scheduled for Monday 8 February 2021
 - > **ACTION:** Elton to confirm with CCC members the date of the next meeting with a minimum of four weeks' notice.
 - » The meeting closed at 5:25pm.
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Dubbo Quarry Continuation Project

Community Consultative Committee.

Meeting 2

Monday 14 December, 4:00pm



Agenda



La Farge Holcim – Dubbo Quarry Continuation Community Consultative Committee

Project Dubbo Quarry Continuation Community Consultative Committee

Date 14 December
2020

Venue Microsoft Teams

Time
4:00pm - 5:30pm

Microsoft Teams meeting link:

[Click here to join the meeting](#)

Time	Item	Discussion Point
4:05pm	1.	Welcome and introductions
4:10pm	2.	Review of notes from previous meeting > Questions from the floor
4:15pm	3.	Project update from La Farge Holcim > Traffic update > Timing and process of application lodgement > Visual, noise and air quality impacts
5:15pm	4.	General discussion
5:30 pm	5.	Meeting close

1. Welcome and Introductions

Name	Representing
Brendan Blakeley	Chairperson - Director Elton Consulting.
Alasdair Webb	Quarry Manager - Dubbo Quarry
Luke Edminson	Planning and Environment Manager NSW/ACT
Peter Hewson	NSW / ACT Aggregates Manager
Paul Scott	Dubbo Christian School
Rowena Parish	Dubbo Catholic School
Simone Tenne	Dubbo Regional Council
Abdullah Uddin	Traffic specialist and author of traffic report - EMM Consulting.

2. Review of notes from previous meeting.

Comments?

Feedback?



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Dubbo Quarry Continuation Project

Community Consultative Committee.

Monday 02 November, 2020 - 4:00pm



Meeting note



Project	Dubbo Quarry Continuation Project Community Consultative Committee	Date	2 November 2020
Time	4:00pm-5:40pm		
Chair	Brendan Blakeley	Recorder	Ella Burgess
Attendees	Luke Edminson, LafargeHolcim Alasdair Webb, LafargeHolcim Paul Scott, Dubbo Christian School Rowena Parish, Dubbo Catholic School Simone Tenne, Dubbo Regional Council	Apologies	Peter Hewson, EMM Consulting

Item Discussion Point

- Welcome and Introductions**
 - » The meeting commenced at 4:05pm
 - » Brendan welcomed all participants and introduced himself as the group's Independent Chair
 - » All participants introduced themselves and the organisations they represent.
- About the CCC and the CCC Guidelines**
 - » The chair provided an overview of the purpose of the CCC and its guidelines. All members have signed a Code of Conduct and Declaration of Pecuniary Interests.
 - > The CCC will provide updates on the project, identify issues and give the community opportunities to interface with the project team and ask questions. This will allow the group to work through problems together as the plans progress.
 - » The Chair asked for any group members to express their expectations or suggestions of his role.
Paul: noted no queries and that the school have had a successful, frank and honest relationship with the project team thus far.
Rowena: noted her agreement and that the school are pleased to contribute to the committee.
Simone: highlighted her key interest areas are water ways, dust, noise, traffic and school impacts, and that she looks forward to sharing insights with the broader community.
 - » Luke highlighted Holcim's application is progressing and they are pleased to work with the community through this committee.
- An orientation to the Dubbo Quarry Continuation Project**
 - » Luke provided an overview of the project.
 - > The approved area to continue extraction is south of Sheraton Road
 - > Holcim have provided goods and services to the Dubbo region since 1980 and look forward to further work in the area
 - > Holcim currently employ approximately 25 truck drivers, 25 contractors and 12 staff from the region
 - > As the basalt is close to depletion, Holcim are looking to extend the project to the west and the south. These extensions will add around 25 additional years of extraction.
 - Q - The Chair: Are you still working closely with local council?*
 - » A: Luke confirmed the team are consistently engaging with all agencies and state government.

Use the following link to locate the Dubbo CCC presentations, minutes and content:

<https://www.holcim.com.au/dubbo-quarry>

Dubbo Quarry, Dubbo, NSW

Dubbo Hardrock Quarry is located approximately 100km north of Sydney. This site produces high quality basalt aggregates for use in concrete base and precoated sealing aggregates.

The Dubbo Quarry CCC presentations, minutes and content can be found here on the Holcim website.

Sheraton Road. This site produces high quality basalt aggregates for use in concrete base and precoated sealing aggregates. This quarry produces many types of road

Community Consultative Committee (CCC) Meeting Minutes



Environmental Monitoring



Community Complaint Register



Environmental or Community Enquiries

Dubbo Hardrock Quarry Manager
Holcim Dubbo Quarry
Sheraton Rd
Dubbo NSW 2830 Australia

Phone (02) 6884 1455

[E-Mail](#)

Products and Sales

Phone (02) 6884 1455

3. Traffic Impact Assessment

EMM Consulting have completed the traffic assessment (TIA) in accordance with the SEARs.

The TIA describes the existing local and regional traffic network surrounding the existing site and assesses the impacts of the project on that network.

A road safety audit (RSA) was completed for the project by Bitzios Consulting.

Assessment for the TIA included desktop research, a site inspection (including intersection traffic counts), intersection modelling and a road safety audit.

Changes in traffic generation have been assessed for the existing quarry production levels (on average 350,000 tpa over the last five years) and the proposed future maximum (up to 500,000 tpa).

There will be no change between existing and future maximum operational traffic for light vehicles on Sheraton Road or Mitchell as the workforce will remain the same.



3. Traffic Update



Under the existing and future maximum average daily production scenarios operating from the quarry via Sheraton Road, there will be:

- 35 daily truck loads (70 movements)
- 50 daily truck loads (100 movements)

The modelled future maximum average day production is considered to be **very minor with less than a 0.3%** increase on traffic on Sheraton Road or any other road in the locality

Under the future maximum peak day production conditions, it is also considered be very minor with **less than a 0.6% increase** on traffic at any location.

The approved haulage route operates past a number of schools on Sheraton Road where a Road Safety Audit report has identified several road safety issues. Most of the safety issues are related to school generated traffic movements. Holcim is currently consulting with the School's precinct stakeholders and DRC in relation to these issues.

4. Timing and process of application lodgement

Lodgement of the DA and EIS will be submitted in January 2021 and not December 2020 as originally indicated.

This will allow the Department and agencies more time to assess the application outside the end of year closure period

Allowing Exhibition to take place in January after the end of year break.

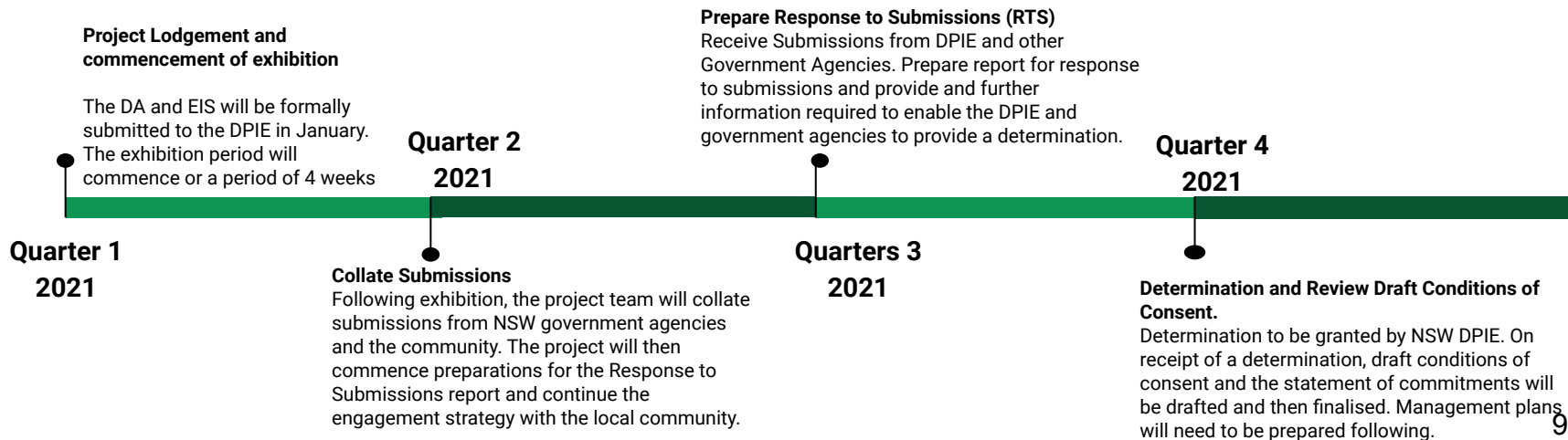
Holcim anticipates to respond to all submissions and enquiries before mid year and project determination to take place in Quarter 4, 2021.



Dubbo Quarry Continuation Project

The proposal involves an expansion of an existing hard rock quarry into two new resource areas to the south and west of the existing quarry

Project timeline:



5. Visual Assessment

This VIA examines the effect of the project in terms of visual impact on local residences and other locations where a line of sight to the project is feasible and where people may place a value on the existing visual landscape.



Elements of the project with visual effects include the quarry pits/void, bund walls, existing built infrastructure and proposed surface infrastructure.

The stages of the assessment are:

- describe the existing environment surrounding the project area and establish a visual context;
- identify and evaluate the visual effect of the project;
- identify and evaluate the visual sensitivity of receptors within the existing environment;
- integrate the consideration of visual effect and visual sensitivity findings; and
- consider feasible mitigation measures.
- The assessment considered specific element of the project based on their integration, magnitude and contrast.

Results of the Assessment:

The project would have low to nil visual impacts to other sensitive receptors including community facilities, major tourism sites, function centres, public vantage points, and visually sensitive lands.

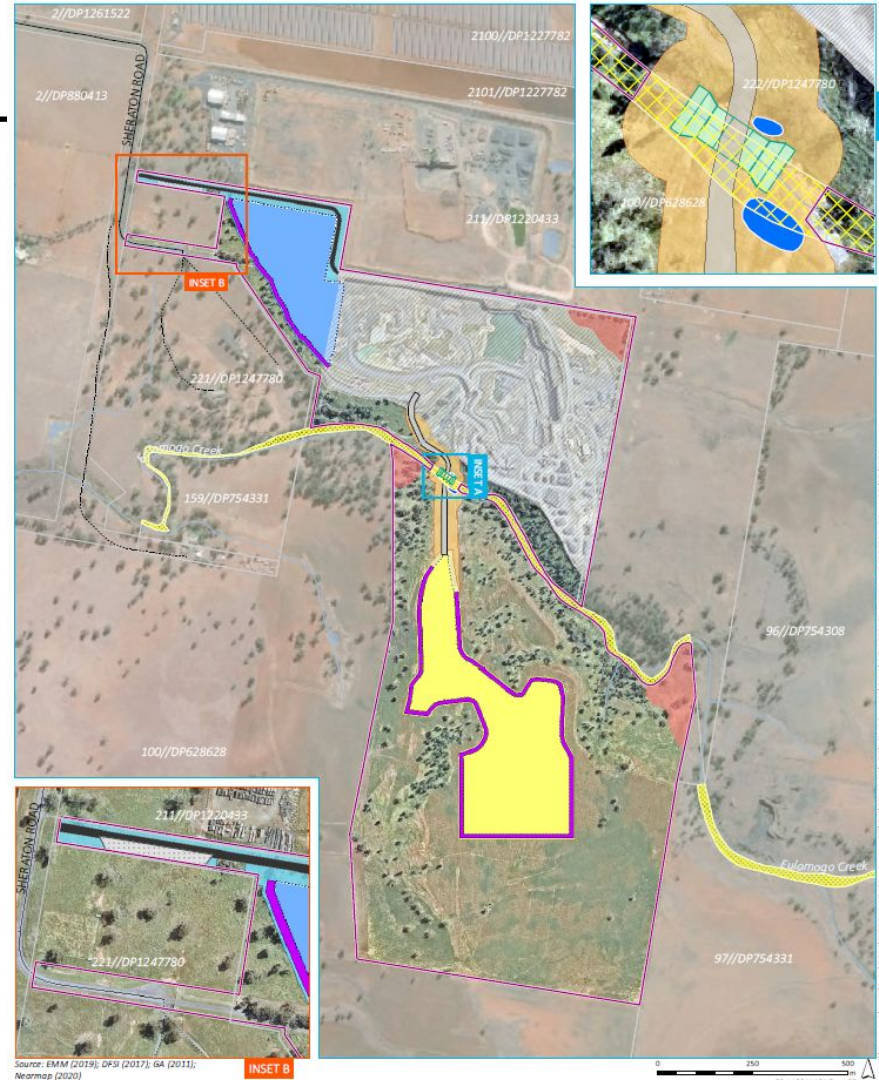
7. Air Quality Impacts

This Air Quality Impact Assessment (AQIA) documents the existing air quality and meteorological environment, applicable impact assessment criteria, air pollutant emission calculations, dispersion modelling of calculated emissions and provides an assessment of predicted impacts relative to criteria.

Modelling results show that the predicted concentrations and deposition rates for incremental particulate matter (TSP, PM₁₀, PM_{2.5} and dust deposition) were below the applicable impact assessment criteria at all assessment locations.

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

A range of best practice dust mitigation measures will continue to be employed at the quarry. These include the use of water carts and sprays, paved roads, watering of conveyor transfer points, watering exposed areas where possible, and progressive rehabilitation of exposed areas. These measures were taken into account in the emissions estimation and modelling of each scenario.



4. Discussion / Questions and Answers

5. Meeting Schedule

During Exhibition period in First week of February 2021
School School returning.