

# MINUTES

Clean TeQ Syerston Project  
Community Consultative Committee



	Community Consultative Committee	Meeting Date: Commenced:	23 November 2017 1:24pm
Independent Chairperson:	Lisa Andrews (LA)		
Member Attendees:	<ul style="list-style-type: none"><li>• Laurie Hutchison, Wiradjuri Condobolin Corporation (LH)</li><li>• Cr. Mark Hall, Lachlan Shire Council (MH)</li><li>• Cr. Alan Ward, Parkes Shire Council (AW)</li><li>• Geoff Rice, Parkes Chamber of Commerce (GR) [<i>joined at 2:05pm</i>]</li><li>• David Rees, Condobolin Chamber of Commerce (DR)</li><li>• Des Ward, Community Representative (DW)</li><li>• Helen Quade – Alternate Community Representative and Alternate Trundle Community Consultative Committee delegate (HQ)</li><li>• Scott Magee, Clean TeQ Syerston Project Director (SM)</li><li>• James Fisher, Clean TeQ Syerston NSW Manager (JF)</li><li>• Justine Fisher, Clean TeQ GM Government, External Relations &amp; Community (JuF)</li></ul>		
Invited Guests:	<ul style="list-style-type: none"><li>• John Hanrahan Clean TeQ, Approvals Manager (JH)</li><li>• Adam Hall, Clean TeQ, Area Manager – Non Process &amp; Utilities (AH)</li></ul>		
Venue:	Lachlan Shire Council Committee Room, Condobolin		
Minute taker:	Karen Worthington, Clean TeQ Community Relations Officer (KW)		

## 1. Welcome & Introductions

Independent Chairperson, Lisa Andrews welcomed all members and guests to the Community Consultative Committee (CCC). LA declared that she is an Independent Chairperson, appointment by the Secretary of the Department of Planning and Environment and engaged by Clean TeQ to chair this CCC meeting.

## 2. Apologies

Apologies were received from Mayor Ken Keith (Parkes Shire Council), Deputy Mayor Barbara Newton (Parkes Shire Council), Narelle Sunderland (Community Representative), John Lagerlow (Trundle Community Consultative Committee and Cr Steve Karaitiana (Forbes Shire Council).

## 3. Business Arising from previous minutes

LA confirmed that the minutes from the October meeting were finalised and a copy emailed to members on 27 October 2017.

### Actions:

Item 1: SM confirmed that LH had provided information and contact details on renewable energy supply. SM advised that the HV tie-line is required prior to the project investigating renewable energy sources.

Item 2: The link to the Mining SEPP was provided to members on 27/10/17.

Item 3: An electronic copy of the company newsletter was provided to members on 17/10/17.

#### 4. Correspondence

LA provided a report on incoming and outgoing correspondence, as per the below:

- 17/10/17 - Email to members with the draft minutes from 10th October 2017. Electronic version of the Company newsletter included.
- 25/10/17 - Email from Helen Quade advising that the community representatives wish to hold a community meeting
- 27/10/17 - Email to members with the finalised minutes
- Emails back and forth from community representatives & Clean TeQ representative regarding the preparation of a draft FaQ's sheet for work-shopping at this meeting
- 31/10/17 - Email from Justine Fisher advising of the lodgement of MOD 5 (prior to MOD 4). This information forwarded on to CCC members the same day.
- 2/11/17 – Email received from Clean TeQ advising of the announcement to ASX regarding the change in the project name from Syerston to Clean TeQ Sunrise.
- 2/11/17 – Email from DP&E requesting a copy of the finalised minutes from the October meeting. (These were provided.)
- 8/11/17 – Email to CCC members with clarification of MOD 5 with answers provided by Approvals Lead, John Hanrahan.
- 8/11/17 – Email from Clean TeQ advising of the proposed Community Briefing on this evening.
- 10/11/17 – Email to CCC members with the meeting notice & agenda for this meeting.
- 10/11/17 – Email from Parkes Shire Council advising that Mayor Ken Keith OAM & Deputy Mayor Barbara Newton would be apologies today.
- 10/11/17 – Email from Des Ward asking if MOD 4 had been submitted and whether a copy could be distributed. Verbal response provided on 17/11/17.
- 11/11/17 – Email from John Lagerlow, suggesting advertising of the Community Briefing in the local school magazines (Trundle Central School and St Patricks's School). This information was forwarded through to Justine Fisher
- 17/11/17 – Email from John Lagerlow asking if a facilitator would be conducting the community briefing. A response was provided advising that Clean TeQ would be providing the briefing.
- 18/11/17 – Email to CCC members with the draft Project Information Sheet, which will be work-shopped today.
- 20/11/17 – Email to CCC members with the electronic version of the presentation from the first meeting (10/10/17)
- 20/11/17 – Email to DP&E requesting advice of when MOD 4 will be placed on exhibition. A response was received advising - Tuesday 28th November. It will run for 15 days, concluding on Wednesday 13 December.

LA **moved** that the correspondence report be accepted.

**Seconded:** LH

#### 5. Reports from Clean TeQ

*Scott Magee Clean TeQ Project Director*

SM provided a project update that covered;

- Project Name Change and Update

It was reported that the project had recently re-named the Syerston Project to Clean TeQ Sunrise. SM advised there were a few reasons for the change and stated that the change marks the end of the study phase and beginning of delivery; signifies the emergence of the project as a global source of cobalt sulphate, nickel sulphate and scandium and that the company drew inspiration from the Sunrise property located south-west of the project, which Clean TeQ owns.

SM advised that the projects legal entity name – Scandium21 Pty Ltd has not changed.

SM advised the committee that the project is moving at great pace. He advised that the WA office currently has approximately 70 staff and this is likely to double over the next few months.

SM also advised the committee that the company had selected a camp supplier and will soon purchase the first phase of the camp facility. In addition, SM advised that the Project's delivery partners had been selected (though not yet announced) and that initial meeting would take place during the coming week.

SM advised that a Regional Operations Centre would be established in Parkes. It was reported that the company looked at various locations to establish the Operations Centre, including major cities and centres such as Sydney, Newcastle, Dubbo and Orange.

The Regional Operations Centre will incorporate a high degree of automation and sophisticated functionality to support remote analysis and operation of plant control systems. It will accommodate highly skilled staff who will be responsible for the operation of plant control systems and analysing data, as well as those functions such as HR and Accounts, which do not need to be located daily on-site. This will significantly reduce the number of personnel to be located at Clean TeQ Sunrise near Fifield. SM advised that establishing the Regional Operations Centre greatly reduces the traffic movements and risk associated with the project.

SM said that Clean TeQ's employees will have the opportunity to live in any of the three Shires of Forbes, Lachlan and Parkes, depending on whether they work on-site or at the Regional Operations Centre. He explained that Clean TeQ anticipates that the combination of a site-based workforce and a Regional Operations Centre will bring broad benefits to the Central West region, which is consistent with Clean TeQ's overarching commitment to its local community.

SM concluded by saying that Industry 4.0 highlights the great technology advances outside of mining; Clean TeQ wants to use its technology to take mining to the next generation.

- Clean TeQ Sunrise's autoclaves

SM informed the committee that the two autoclaves required for the project had recently arrived in Australia and are currently in Port Pirie, South Australia. It was reported that the autoclaves are approximately 6mtrs high and 30 mtrs long and that due to their size the logistics of moving them to the project site would require extensive planning.

- Regional Investment

SM provided information on the direct economic impact during the construction and operations phase, including build and operational costs, employment numbers and forecasted local spend. In addition, SM provided information on the regional multiplier effect on local business, employment, skills & training, infrastructure and downstream investment opportunities.

SM reported that approximately half of the annual operational cost of \$200M is predicted to be spent in the local region.

SM also advised the committee that the company has selected a camp supplier and will soon purchase the first phase of the camp facility. In addition, SM advised that the Project's delivery partners had been selected (though not yet announced) and that initial meeting would take place during the coming week.

It was reported that the Company was in the process of listing on the Toronto Stock Exchange (TSX). SM also advised that the company has appointed three leading financial institutions to arrange debt financing for the development of the Clean TeQ Sunrise Project: Societe Generale, National Australia Bank and Natixis.

- Clean TeQ Sunrise short video

A short film relating to the development of the project was played for committee members. The film is available for viewing on the Clean TeQ webpage <http://www.cleanteq.com/syerston-project/> (note this will soon change to <http://www.cleanteq.com/sunrise-project>).

Following the film JuF noted that some minor edits are required to the railway line route display.

HQ provided feedback saying that the lack of vegetation made the area look like a desert and that she didn't feel the local community would appreciate this. JuF advised that she would look into having the overlay changed to include vegetation on areas not within the Mine Processing Facility. **Action: Make suggested changes to film.**

- Approved Clean TeQ Sunrise Project

SM provided an overview of the currently approved project noting that Development Consent was received in 2001 and has since been modified in 2005, 2006 and 2017; and information on why the proposed project is different from that approved in 2001. This included;

- Changes to the high Nickel prices experienced in 2005/2006
- Cobalt sulphate and Nickel sulphate produced for lithium-ion battery industry
- Resin-In-Pulp technology
- Changes in exchange technology

#### *John Hanrahan Clean TeQ Approvals Lead*

JH provided a detailed presentation on the MOD 4 project. The committee was informed that MOD4 was submitted to the DoP&E and would go on public exhibition on 28 November 2017 and close on 13 December 2017. The presentation addressed the following:

- What is being improved?

JH provide information regarding the improvements being made through the MOD4, some of these improvements include;

- The addition of a water treatment plant to recycle water;
- Mine site – modified layout, increased TSF size, reduced evaporation ponds and water storage dam size;
- Resin-in-pulp (RIP) processing method;
- Increased sulphuric acid plant production to extract more metal, and reduce external power requirements;
- Addition of a crystalliser to extract ammonium sulphate
- Addition of blasting at the mine site to improve ore extraction (expected later in the mine life)

JH advised the committee that through MOD4 the company had also applied for approval to access surface water. The project is currently licenced to extract 3,154 ML of ground water and if approved would seek licensing for approximately 350 ML of surface water.

- Community Concerns

JH provided information to answer questions regarding environmental impacts of the project. This included:

- Water
  - Recycling water and minimising usage – estimate 3,154 ML pa. Water demand reduced by 50% compared to original plans.
  - Borefields will be the main source, but diversifying options to minimise impact
  - Seeking approval to access surface water – if approved the project would access approximately 350 ML
  - Construction water to be trucked to site during the first phase of construction, approximately 25 / 30 deliveries per day, source yet to be determined
- Air Quality
  - Modelling shows no exceedance of NSW EPA dust criteria and best practice will be adhered to for management – modelling improvements since original assessment was commissioned
  - Clean TeQ will carry out any stack monitoring as required by the NSW EPA and will publish the results of this monitoring on our website. We will also ensure we meet the requirements of our Environmental Protection License (EPL) as issued by the NSW EPA.
- Noise
  - Have modelled noise impacts for life of mine
  - Investigating ways to minimise noise and consulting with our neighbours
  - Noise impacts generated from the north-east waste rock emplacement under certain weather conditions (winter night / inversion)
- Traffic

- Traffic management strategies are being developed to address the additional vehicle movements
- Clean TeQ is monitoring existing traffic patterns to optimise routes
- Road upgrades and maintenance plans have been submitted as part of MOD4
- Regional Operations Centre in Parkes will reduce the number of vehicles on the road
- Power
  - Largely be self-sufficient for our power needs as the processing plant generates its own power
  - Investigating an electrical tie-line to supplement our power requirements and also possibly export surplus energy in the future.

Following the MOD4 presentation JH informed the committee that two submissions had been received by DoP&E regarding the MOD5 (Hazard Studies) and that the company has provided a response to DoP&E. JH also informed the committee that the relocation of the approved construction camp would be submitted as MOD6, noting that biodiversity and Aboriginal cultural heritage site surveys had been completed on the proposed location at the Sunrise property.

In closing the presentation SM provided information regarding important project milestones. This included the development of the Alliance (Delivery Partners), completion of the DFS and commencement of early construction works. SM reported that the water pipeline construction will commence in April/May, final investment decision end of Q2 and operations during 2020, following an accelerated construction.

Throughout the presentation provided by SM and JH members asked a number of questions, these included:

DR asked if Condobolin was considered as a location for the Operations Centre. SM replied stating that Condobolin was considered however Parkes is best placed in the region in terms of access to infrastructure, including the airport, education options, retail and services (including the new hospital). Notwithstanding, Clean TeQ believes that with the two employment hubs that its employees will reside across the region. In addition, it is most likely that the bulk of the operational workforce who will be located on site will live in or around Condobolin and Trundle.

HQ asked if all office staff would live in Parkes. SM replied stating that through the various stages of the project it was likely to change. During the construction phase people would come and go and once operational it is likely that some would live in Parkes, with others in Forbes as well as the surrounding rural communities. It is expected that at least 100 people may be based in the Operations Centre.

HQ asked how many people are likely to be working onsite. SM replied stating that maybe 60 personnel might be onsite per shift (120 people on rotating shifts). SM did note that employee numbers and location of each role is yet to be finalised.

SM informed members that the Company was in the final stages of recruiting for the role of Operations General Manager and that this would largely be a site based role.

DW asked how the company planned to transfer data. SM replied stating that the company would extend the Optic Fibre cable located in Fifield into the project site and that satellite, redundancies and microwave were also options. SM also mentioned that a capacity to extend the optic fibre further could be investigated.

DW asked if the village of Fifield could tap-off the projects water pipeline. JF replied stating that it wasn't an easy process and that in addition to the high cost of doing so, at times the project would require 100% offtake. It was also reported that the water wouldn't be filtered and not suitable as a potable source.

DW also asked if the company had any plans to control the Kangaroo population on company owned property, especially once earthworks starts (as they are likely to move to neighbouring properties). This question wasn't answered at the time, though is taken on notice, with information to be provided and the next meeting. **Action: Provide information regarding the control of Kangaroo and other pest animals.**

## 6. Workshop – FAQ

Following the presentation members were given the opportunity to provide comment on a draft FAQ document. A copy of the edited document will be circulated with the minutes for member feedback. **Action: JuF review edited versions for circulation. LA to provide electronic copy to CCC members.**

## 7. General Business

LA asked members if they approved to have their contact details (email address) shown on the Clean TeQ website on the CCC page. All agreed with no objections raised.

LA informed the committee that the minutes were now available on the Clean TeQ website at <http://www.cleanteq.com/community-consultative-committee/>

## 8. Next meeting

Thursday 15 February, Fifield / Site visit - 1pm. Meet at the Fifield Hotel at 1pm. Tour of the project site will be followed by CCC meeting. Transport provided from Fifield.

As safety is our number one priority, members are asked to wear appropriate clothing (long pants, long sleeves, hard covered shoes, hat, etc)

The meeting was closed at 4:35pm with LA thanking members for their attendance and input, as well as reminding them of the public meeting to be held in Trundle that evening.

## ACTION ITEMS

ITEM	ISSUE	RESPONSIBILITY
1	Make suggested changes to 3D video	JuF
2	Provide information regarding Kangaroo and pest control	JH
3	Finalise and distribute electronic draft version of FAQ document with minutes	JuF & LA