

Welcome to your Clean TeQ Sunrise community newsletter



**As 2019 draws to a close, it is pleasing to report that we have kept our people safe, received no community complaints and reported no environmental issues across our business this year.**

**Our new integrated platform to record, manage and report all health, safety, environmental and stakeholder interactions, which we implemented this year, is proving to be an excellent management tool.**



We continue to push ahead with our vision to empower the clean revolution, supported by strong demand for our technology and products. Throughout 2019, solid progress was made on design and engineering for Clean TeQ Sunrise, with further work done to support tendering for long lead items, procurement and site delivery.

I have not long returned from meetings abroad as part of our ongoing Project financing and offtake discussions. Interested parties include global automotive and consumer electronics manufacturing companies wishing to secure high-purity nickel and cobalt sulphate.

The Clean TeQ Sunrise battery materials complex is uniquely positioned to benefit from some important, disruptive macroeconomic trends. These include the electrification of urban transport in Europe and Asia, low supplies of battery-grade nickel sulphates and calls from environmentally aware consumers for manufacturing supply chains to be sustainable, ethical and auditable.

Back in NSW, it is encouraging to see the progress the Clean TeQ Sunrise team is making with site management despite the difficult, dry and windy conditions. While I am sure there are many people doing much to support each other and the wider community during this devastating drought, it is wonderful to see the efforts of John Southon from Trundle Central School recognised. John received the TransGrid Leadership Award for his efforts to deliver sustained drought support to the Trundle community. Congratulations John. Here's hoping some much-needed rain falls soon.

We were pleased to purchase two water tanks for the Warroo Community Hall, which is a popular meeting point for members of that community. We have also partnered with the Bedgerabong School to provide matched funding under our community investment program for a playground shade sail. The school community did a great job in raising funds, with our contribution helping them get the investment over the line.

I wish to thank the committee members of our Community Consultative Committee (CCC) for their participation and contribution this year. From the Chair of the CCC, Lisa Andrews, to the community representatives – Des Ward, Narelle Sunderland, John Lagerlow and Helen Quade, Ally Coe from the Wiradjuri Condobolin Corporation, business chamber representatives – Geoff Rice and Dennis Brady – and Councillors – Steve Karaitiana, Mark Hall, Alan Ward, Barbara Newton and Ken Keith, plus your alternates: thank you for your time and input. On behalf of Clean TeQ, I wish everyone across our community a safe and enjoyable festive season.

**Sam Riggall**  
Chief Executive Officer



## Our world first CIF® water plant in Oman

We recently announced the successful commissioning and handover of our ground-breaking Continuous Ionic Filtration (CIF®) plant in Oman. Our Clean TeQ Water team has led this work and has good reason to be proud of its achievements.

Achieving successful customer acceptance of commissioning and handover of the world's first ever commercial scale CIF® plant for this application is a moment of great significance in our history. Importantly, customer feedback that the plant is performing to expectations acts as strong validation of our proprietary continuous ion exchange technology. It also demonstrates our team's capability in designing, constructing and commissioning effective, tailored industrial water purification and metal extraction systems.

The CIF® plant, is designed to remove a range of harmful elements from up to 200 tons of waste water per day. By treating the waste, the customer can recycle a significant proportion of the water

for re-use in their processing plant, rather than disposing of it. This provides a valuable cost saving for the customer in a geographic location where water is relatively scarce. Recycling the water also results in environmental benefits by significantly reducing the volume of waste which would otherwise need to be disposed.

Clean TeQ Water is now focused on completing two additional key projects at the Fosterville Gold Mine in Victoria and at a copper-cobalt mine in the DRC. These two Clean TeQ systems, as well as the plant recently completed in Oman, are

the first of their type anywhere in the world and have been deployed as part of three different technical solutions. The successful delivery and commissioning of these three plants will provide strong demonstration of the efficacy of Clean TeQ's suite of proprietary ion exchange technologies and their versatility for metal extraction and waste water treatment.

To learn more about Clean TeQ Water visit the Clean TeQ website [www.cleanteq.com](http://www.cleanteq.com)

Below: CIF® water plant in Oman.



## Our coffee cart makes another appearance

The Happy Daze coffee cart was kept very busy at the recent Western Business Forum. The inaugural business forum hosted by Growing Lachlan in Condobolin was well attended and had an interesting line up of speakers. Clean TeQ was happy to support this initiative by providing the coffee cart. It is always positive to see so many people passionate about growing business in the Lachlan Shire.



Local Condobolin business, Happy Daze provided the Clean TeQ coffee cart at the recent Western Business Forum.

## Warroo Community Hall gift

The Warroo Community Hall between Condobolin and Forbes is a popular meeting point for social events and gatherings for the Warroo community. We recently gifted two 50,000 litre water tanks to assist the group in creating an outdoor space for children to play and for added bush fire protection.



The new tanks have recently arrived and are ready to be filled.

## VPA funds at work

Well done to Lachlan Shire Council who has recently completed another project through the Clean TeQ Voluntary Planning Agreement funding. We're sure the children at Lachlan Children Services will appreciate the extra shade.

For our readers in the Trundle area we hope you all had the opportunity to put forward your ideas on the Trundle Mainstreet master plan – this paper was assisted by the Clean TeQ Voluntary Planning Agreement funding and was recently on Public Exhibition with Parkes Shire Council.

Forbes Shire residents should keep an eye out for the Shire wide Sports Strategy, currently being commissioned by Forbes Shire Council via our Voluntary Planning Agreement funding.



The new shade sail at Lachlan Children Services. Photo credit: Lachlan Children Services.



## Working together



During September we undertook further Aboriginal Cultural Heritage salvage works on the mining lease area. This activity was carried out in accordance with our Aboriginal Heritage Impact Permit. Archaeologist, Dr Matt Cupper headed the salvage works with members of our registered Aboriginal parties invited to participate. Collected artefacts are being stored in a secure Keeping Place.

Following the salvage works the team enjoyed lunch at the old Syerston homestead where they received a project update and had the opportunity to ask questions. It was an enjoyable discussion, which we hope will be the first of many such meetings over the years to come.

Above: Clean TeQ representatives and members of our Registered Aboriginal Parties following the salvage works and project update discussions.

## Nine management plans approved



Our Environment and Approvals team continue to make progress with the approval of management plans required prior to construction commencing. Nine of the ten management plans have now been

approved by the Department of Planning, Industry and Environment and can be viewed on the Clean TeQ website. The Water Management Plan incorporates the Water Balance, Surface Water Management Plan and Groundwater Management Plan and is currently being finalised for approval. The Water Management Plan will be displayed on the Clean TeQ website once approved.

## Fabulous fun in Forbes

During October we hosted another School Holiday BBQ, this time alongside beautiful Lake Forbes, in Forbes. We had a fabulous time serving up 150 locally made snags. Children had a wonderful time between making giant bubbles, looking at water-bugs and making their very own recycled paper seed pots. All activities were made possible by Sally Russell from the Lake Cowal Conservation Centre – we are lucky to have such a wonderful environmental education resource located here in the region.



Alexandra Burke gets a lesson in big bubble fun.



Sally Russell from the LCCC teaching paper seed pot making.



Karen Worthington and children exploring the world of water bugs.



## Meet our CCC representative, Steve Karaitiana

Steve Karaitiana is a third generation travelling showman and is a member of the Showman's Guild of Australasia and the Victorian Showman's Guild. Steve has been a member of the Forbes community for over thirty years, since completing his schooling at Red Bend Catholic College in 1978. On leaving school, Steve re-joined his family travelling the show circuit before settling back in Forbes to raise his children.

Elected as a Councillor of Forbes Shire Council in September 2016, to play an active role in the progress and development of the Shire, Steve has a keen interest in Indigenous issues and low socioeconomic families. He puts time and effort into helping improve the quality of life for people right across the Shire and believes that without sustainable jobs and the investment of businesses such as Clean TeQ the region won't prosper.

Steve joined the Clean TeQ CCC in 2017 because he is passionate about development and growth in the local area. He considers his membership an opportunity to assist Clean TeQ in making a positive impact and contribution within the community in which it operates. He believes it is beneficial for the Forbes community to have a

representative on the CCC who can explain the impact and contribution such developments have on the community, as well as having access to a forum where he is able to voice the questions or concerns of community members.

Steve finds Clean TeQ to be a transparent company with innovative ideas and he respects the role of Forbes Shire Council representative on the CCC.

Minutes and presentations from the Clean TeQ Sunrise CCC meetings are published on the Clean TeQ website and can be viewed at [www.cleanteq.com/sunrise-project/community-consultative-committee](http://www.cleanteq.com/sunrise-project/community-consultative-committee)



Steve Karaitiana is the Forbes Shire Council representative on the Clean TeQ CCC.



CCC members enjoyed a Christmas lunch following the recent CCC meeting. The meeting was held in the Fifield Community Hall and catering was provided by the talented Lisa Elias from Condobolin.

## Bedgerabong Public School receives shade sails

Congratulations to the Bedgerabong Public School and their P&C for the successful extension and installation of new shade sails over the school's play equipment. Clean TeQ Sunrise was pleased to contribute to this project through our matched funding program. In-kind labour was donated by parents of the school community and a number of local Forbes businesses also contributed to the cost of materials.



Karen Worthington was pleased to visit the Bedgerabong Public school and view the finished project.

## New look shopfront

Our readers located in Condobolin may have noticed the new graphics on the Condobolin Shopfront. The graphics tell the story of the product we'll be producing here in the Central West. We aim to change the messaging on the windows on a regular basis to help inform the community about the project.



New graphics installed at the Condobolin shopfront.