

Welcome to your Clean TeQ Sunrise community newsletter



As we move into the winter months, it has been pleasing to see continued progress in the region. The team has moved into our new office in Parkes and the fibre-optic cable has been rolled out to the Clean TeQ Sunrise site. Internally, we have launched a software platform to manage our health, safety, environmental and community obligations and interactions.



Meanwhile, we've appointed Macquarie Capital to work with us on a partnering process to fund Clean TeQ Sunrise, with exciting news from our Water division which has successfully completed a demonstration project for brine hardness removal in China.

Early in July we welcomed our Clarinda and Welcome Street neighbours and the wider community to join us at the Parkes office for coffee and cake at one of our popular coffee carts. The bakers at Parkes Public School produced a magnificent range of baked goodies for everyone to enjoy.

Progress on the Clean TeQ Sunrise mining lease has continued with the laying of the fibre-optic cable by Telstra. It will connect the

Telstra Exchange in Fifield to the Clean TeQ Sunrise mine and accommodation camp.

We continue to work hard to progress the front-end engineering and design work for Clean TeQ Sunrise with our key project delivery partner, MCC. As part of our collaboration plan with MCC, integration of both our engineering teams has seen personnel co-located in both the Perth project office and Beijing. Members of the Project team are visiting the Beijing office regularly and I have recently returned from such a visit.

All levels of the global electric vehicle supply chain continue to show strong interest in Clean TeQ Sunrise. Over the last few

months I have travelled to Asia, Europe and North America. My discussions with a range of parties suggest that, within the global market for battery cathode material supply, our Project stands out as the most advanced development project, capable of bringing significant new nickel and cobalt supply to the electric vehicle (EV) market.

I hope you enjoy this edition of the Clean TeQ Sunrise community newsletter and I look forward to bringing you more news in the coming months.

Sam Riggall
Chief Executive Officer

On the radar

The Clean TeQ Sunrise community team will be rugging up and heading out for these great winter events.

Tullamore Show

3 August

Trundle Show

14 August

Condobolin Show

24 - 25 August

Parkes Show

26 - 28 August

Forbes Show

6 - 7 September

Trundle Bush Tucker Day

7 September

Cobalt – more than a metal

The importance of cobalt to many lithium battery chemistries is sometimes forgotten, with industry news tending to focus solely on lithium itself. While elements such as nickel, lithium and manganese have important roles to play in various popular battery chemistries, securing reliable cobalt is a critical concern for many manufacturers. Cobalt stabilises the battery and ensures its longevity. Clean TeQ Sunrise's deposit is the largest high-grade cobalt deposit outside of the Democratic Republic of the Congo. With increasing requirements for a more reliable, sustainable supply chain and ethically sourced cobalt, Central West NSW is positioned to meet the demands necessary to power the electric vehicle revolution.



Pictured: Cobalt sulphate – final product samples sourced from our pilot plant in Perth.

Contact us

Email: community@cleanteq.com

Phone: +61 2 5829 3100

Complaints line: 1800 952 277



Putting our VPA investment to work

In December 2018, Clean TeQ Sunrise signed our Voluntary Planning Agreement (VPA) with the Shire Councils of Lachlan, Forbes and Parkes. The VPA represents an important financial commitment to the region that ensures the benefits of Clean TeQ Sunrise will be shared across the local communities. Already the investment has been put to work with Parkes Shire Council allocating \$100,000 to Trundle for the Trundle Main Street masterplan and associated works.

In Lachlan, there'll be some exciting new upgrades and maintenance undertaken at the Fifield Town Hall. Various parks across the shire, including Fifield, will benefit from the construction or upgrades of shade sails. The remainder of the \$200,000 will assist Lachlan Council with the installation of soft-fall at the Gum Bend Lake playground in Condobolin.

Upper-right: Fifield Town Hall to receive upgrades and maintenance. **Right:** Trundle main street will benefit from the Voluntary Planning Agreement.



Clean TeQ Sunrise visits the Rotary Club of Forbes

We recently enjoyed presenting to members of the Rotary Club of Forbes about the Clean TeQ Sunrise project. It's always a pleasure to meet members of these vital community organisations and learn about the brilliant work they do. We've also been busy presenting to other clubs such as Probus, Lions and Quota. Contact our community team (community@cleanteq.com) if you'd like us to visit your community organisation.

Upper-right: Clean TeQ's Karen Worthington attended the June meeting of the Condobolin Probus Club and provided an update on the Clean TeQ Sunrise project.

Right: Clean TeQ's Kath Logan with Rotary Club of Forbes members Eleanor Lewis and Chrissie Hawk.



Coffee cart travels the region again

The Clean TeQ Sunrise coffee cart made its debut at the Bederabong Country Fair, providing free coffee for the happy punters at the poultry auction and the crowd watching the brilliant display of athleticism at the dog jump. The cart then hit the road to Trundle in the lead up to the ABBA Festival, complementing the delights provided by the Trundle Central School cake stall.

With the drought continuing to affect our regional communities, we are proud to get behind initiatives that can help alleviate some of the stresses including the Women's Wellness Expo held in Condobolin recently.

Right: Clean TeQ's Alexandra Burke enjoying a warm brew with committee member Tanya Jones and Mel Bell of Happy Daze Condobolin at the Women's Wellness Expo.



Meet Lisa, our CCC Independent Chair

The Clean TeQ Sunrise Community Consultative Committee (CCC) was established in 2017, with its inaugural meeting on 10 October. The committee operates under the NSW Department of Planning & Environment (DPE) CCC Guidelines for State Significant Developments and provides a forum for discussion between the proponent and the community.

The Clean TeQ Sunrise CCC's Independent Chairperson is Lisa Andrews, who has been working as a chair for CCCs in the energy and resources sector since 2013.

A long career in local government provided Lisa with the background and skills to transition to this role and to meet the Department's stringent and transparent process in qualifying as an Independent Chairperson within its "talent pool".

As a qualified town planner and compliance officer, with a strong background in customer service and executive administration roles, Lisa has an excellent understanding of planning legislation, processes and engagement. This knowledge is essential in managing the complex relationships between the project, the company, the community, stakeholders and agencies.

Whilst often CCCs may have their challenges, with sometimes conflicting opinions due to competing views, Lisa insists that overall her role is very rewarding and positive. She enjoys meeting people from diverse backgrounds and travelling within New South Wales, visiting rural and regional communities.

Lisa lives on the Central Coast of New South Wales, adjacent to Lake Macquarie and spends her recreation time with family; enjoying sailing, walking and BBQs.

Minutes and presentations from the Clean TeQ Sunrise CCC meetings are published on the Clean TeQ website and can be viewed at <http://bit.ly/CLQSunriseCCC>

Below: Lisa Andrews is the Independent Chairperson of the Clean TeQ Sunrise Community Consultative Committee.



Clean TeQ hosts a fun school holiday BBQ

For the first time, Clean TeQ Sunrise hosted a School Holiday BBQ at Memorial Park in Condobolin. We joined forces with the Lake Cowal Conservation Centre, Condobolin Landcare and DPI Water's Fishcare, for an engaging day for both kids and carers alike. Activities ranged from a fly-fishing competition to making boomerang bags out of recycled materials and seeing the world of waterbugs through microscopes.



Dale Thompson from DPI Water's Fishcare was kept busy on the fly-fishing competition.



We received this lovely photo from a child who has continued making pots and propagating seeds at home. We love receiving feedback from the community and are pleased to hear the skills learned at our school holiday BBQ have continued at home.



Exploring the water bug experiment provided by the Lake Cowal Conservation Centre.



Children from Lachlan Childrens Services learned how to make seed propagation pots from recycled newspaper.

Headlining the ALTA conference

In May, Clean TeQ's Chief Technical Development Officer, Stephen Grocott, made a special appearance as headline speaker at ALTA 2019, a world-class international metallurgical conference. At what was the biggest ALTA conference to date, Stephen explained why our Clean TeQ Sunrise Project is a one-stop shop, taking nickel laterites direct to lithium ion battery feedstock.

Below: Clean TeQ's Stephen Grocott presenting at the ALTA conference.



Key management plans approved or submitted for approval

For the past 18 months our Environmental Approvals team has been busy preparing key management plans and strategies that are required prior to the initial construction phase commencing. Clean TeQ has now received approval for seven management plans or strategies and is awaiting approval of the final six. In addition, Clean TeQ has received approval from the DPE for the accommodation camp layout.

Our water team completes demonstration project for brine hardness removal

Clean TeQ's Water team is committed to finding better ways to solve planet earth's most pressing environmental problems. In June, they successfully completed an innovative wastewater treatment demonstration project in China. The project showed how Clean TeQ's wastewater purification technology can remove brine hardness, caused by salt and other impurities, in industrial wastewater.

The demonstration program treated wastewater from a large coal-to-chemical refinery, producing DME (Dimethyl Ether) owned by Jiutai located about 100 km from Hohhot, China. The demonstration confirmed that increasing water recovery by adopting Clean TeQ's Continuous Ionic Filtration (CIF®) system could substantially reduce the refinery's net water use.

Willem Vriesendorp, General Manager of Clean TeQ's Water Division said, "The market for this application is very large, as hundreds of factories throughout China have implemented complex membrane systems over the past decade, and many are facing challenges with fouling or are looking to improve the operations of these systems."

Right: The CIF® mobile demonstration plant at work in China.



Telstra fibre connected to Clean TeQ Sunrise project site

Telstra has finished running their fibre-optic cable from the Telstra Exchange in Fifield to the Clean TeQ Sunrise mine site and accommodation camp area. The work started in April and was completed in early June 2019. In all, over 7 km of cable has been installed.

The cable will be used to provide telephone and high-speed internet services to the mine and processing plant as well as internet services for the accommodation camp. In time, Telstra will install a 3G/4G mobile network base station and antennas that will provide Telstra mobile coverage to the mine site, accommodation camp and the immediate surrounding areas.

Below: Telstra at work laying the fibre cable.



Macquarie Capital appointed for partnering process

We are pleased to be working with Macquarie Capital to finalise the funding for the Clean TeQ Sunrise project. The Board and major shareholders of Clean TeQ are highly supportive of finding the right partner, be that a strategic customer or an operating miner, to develop this globally strategic asset. With approximately A\$150 million invested by us to date, a solid foundation has been built for the successful and rapid delivery of this project.

Clean TeQ Sunrise is uniquely positioned to benefit from several macroeconomic trends. They include the electrification of transport driving cobalt and nickel demand, a global shortage of Class 1 nickel supply and increasing customer requirements for auditable, sustainable supply chains.

Helping others beyond our shores

Parkes local Bill Shallvey contacted us looking for assistance in securing a laptop to be donated to the Bairo Pite Clinic in Dili, the capital city of East Timor. The laptop will be used with specialist software designed to help analyse medical investigations for patients in what is the busiest clinic on the island. We were happy to donate a surplus laptop to this great project.

Below: Bill Shallvey, fresh back from East Timor, called into the Parkes office to collect the donated laptop.



Teaming with Parkes Public

With the Parkes office windows now resplendent in Clean TeQ Sunrise branding, the team welcomed the community with a celebratory coffee cart and cake stall run by the brilliant bakers at Parkes Public P&C. The office marks a major milestone for Clean TeQ Sunrise. Employees can look forward to working in the state-of-the-art facility in the years ahead.

