

Community Update

Issue 17, May 2018



WOMAD artist Nano Stern and the children of Tikorangi and Huirangi Primary Schools taking part in our WOMAD Community Programme 2018.

HELLO FROM TODD ENERGY...

It's hard to believe we're almost half-way through the year. Over the past five months Todd Energy has seen a lot of progress across our projects, with many of them due for completion in the coming months.

In Tikorangi our new state-of-the art McKee Mangahewa Operations Facility remains on track for a mid-June opening. The project team have been working hard on the commissioning phase, with the internal fit out almost finished and completion scheduled for the end of the month. Once complete we will be switching from the existing control room to the new control room within the operations facility.

The pipeline project from Mangahewa G to the McKee Mangahewa Production Station is now 90% complete. The pipes are now covered and grass seed sown. Construction is due for completion at the end of the month.

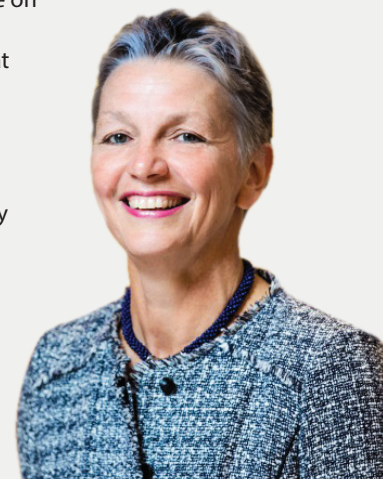
As the pipeline project ends, progress continues at Mangahewa G. The wellsite is being prepared for construction of the onsite natural gas processing facilities. Foundation piling is complete and the laying of the concrete pad is underway. Next, the flowlines will be installed for transferring the natural gas from the wells to the processing facilities. To minimise traffic movements the flowline fabrication is happening offsite and remains on track for a June installation. We have also commenced conductor drilling, which sets in place the initial structure of the well. By June we expect to be underway with the second of six conductors.

The Mangahewa C workover programme continues. The bottom section of one of the original Mangahewa C wells is being replaced with a more modern design consistent with other wells in the Mangahewa field. This will result in less maintenance in the future and improve natural gas production from the well.

At Kapuni our Compression Utilisation and Simplification Project is also nearing the end of its 2-3 year journey. The project has seen a reduction in the amount of facilities equipment on the Kapuni wellsites and the optimisation of existing compression which will increase production and well lifespan.

I look forward to sharing more on the progress of these projects and our ongoing operations at the upcoming Open Community Meetings. As always, if you have any questions or concerns, please contact the community team on 0800 001 007.

Kind regards,

A retreat for Taranaki

Described as a 'local sanctuary' and developed in response to the silent tragedies of depression and suicide in our community, Taranaki Retreat provides a safe place for community members needing support and time out from the pressure of their current circumstances.

The brain child of Jamie Allen and his wife Suzy who set up the retreat a little over a year ago, it has provided much needed support for hundreds of Taranaki residents when they need it most.

It takes many hands to keep the retreat going, with dedicated support workers, as well as many other wellness and recreation-based professionals giving their time and knowledge to support every resident during their stay.

The retreat is committed to supporting the local community and to providing their service free of charge. In doing so, they rely on a range of fundraising activities, including sponsorship and donations. Todd Energy has recently joined their network of 'allies', providing regular support through funding the ongoing supply of natural gas to operate the facility.

"We're proud to support this critical community outreach service" says Hamish McHaffie, Community Partnerships and Public Affairs Manager. "It's great to know that our resources are contributing to the betterment of the local community and supporting community members in their time of need."

The Todd Energy team also arranged a charity morning tea, where employees could show their support by way of donation and hear from the retreat founder Jamie Allen. Collectively the morning tea managed to raise over \$380, which Jamie described as a helpful addition to their resources. "The money raised today will go towards the ongoing running of our support services, contributing towards things like our support workers fuel costs so that each resident gets the care and support they need to thrive after their stay."

If you would like to support the Taranaki Retreat and the important service they provide to our community please donate via their website taranakiretreat.org.nz.



Taranaki Retreat Co-founders and husband and wife duo Jamie and Suzy Allen (right) in front of their 'borrow a bike' shed.

Taking Science beyond the classroom

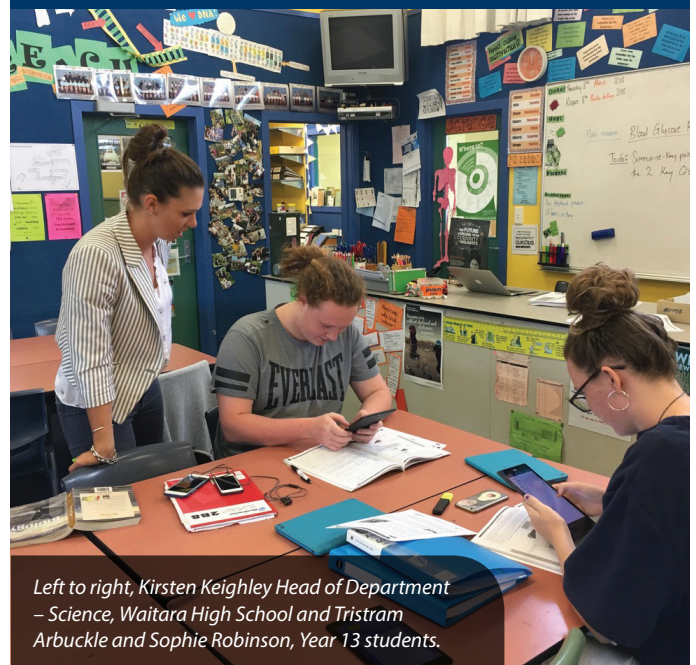
As technology evolves, we're able to connect with the world like never before. The students of Waitara High School are now better connected thanks to the addition of 14 tablets, recently donated by Todd Energy to their Science faculty.

Used as part of a seismic survey at the end of 2017, the tablets have been put to good use both inside and outside the classroom, providing students with a connection to resources and information while on the go.

Head of Science Kirsten Keighley was excited to see the students using the tablets, and has seen some real benefits in their learning experience since including them in her lessons. "My students have been able to use the tablets to gain experience in real world science outside the classroom, such as senior Biology students collecting data about the ecology and ecosystems of vegetation on Mt Taranaki."

"They're excited about using technology to facilitate their learning – unlike many of us, this generation grew up with iPhones and iPads so it really is second nature to them, and it's great to see so many of my students being able to adapt to the many different forms of technology available to them and benefiting from working in multiple ways."

The tablet donation is the start of what is hoped to be an ongoing partnership between Waitara High School and Todd Energy, with Hamish McHaffie Community Partnerships and Public Affairs Manager signalling there is an appetite from both parties to explore a lasting relationship. "These tablets have supported the learning and engagement of Waitara High School Science students and we want to see what we can do next to continue this."



Left to right, Kirsten Keighley Head of Department – Science, Waitara High School and Tristram Arbuckle and Sophie Robinson, Year 13 students.

From east to west for Life Education

It began in 2012 when a small group of riders cycled around the mountain to raise awareness for the Mellow Puff Foundation. This evolved and grew into what we know it as today with 25 riders taking part in a gruelling journey beginning at East Cape Lighthouse on the east coast of the North Island, finishing 9 days later in New Plymouth after cycling a total of 886 kilometres and climbing more than 9,900 metres.

The goal this year was to raise over \$50,000 for the team's nominated charity – the Life Education Trust Taranaki (LifeEd).

LifeEd supports many children throughout our local communities, providing them with the education they need to become confident, caring members of society. "Many children that visit the Life Education Mobile Classroom and Harold are missing out on discussing key developmental topics with their family members - things like body confidence, respect, caring for our environment and diversity. This is why the work we do is so important" explains Life Education Trust Chair Jacinta Hurley.

The team exceeded their 2018 goal, raising \$52,500 for the Trust. "We're blown away with what the team have been able to raise. This generous contribution will be put to good use ensuring we're able to continue the work we do in our community," says LifeEd Trustee Steak Goodin.

It certainly wasn't an easy task, with riders of all ages contributing to the massive 9 day effort. "If all the pain and hard work manages to help just one child then I'd do it 100 times over," said rider Michael Young, who at 58 described the ride as one of the hardest things he's accomplished in his life.



Riders stop in Wairoa at the Tangiwai memorial



Riders and Harold stop for a break – and hug.

Celebrating 150 years

By New Zealand standards 150 years is a relatively long time for a community, let alone a school. This is why 9-11 March was such a milestone weekend for the Tikorangi community, as they and Tikorangi Primary School celebrated their 150 year Jubilee.

Over 250 people registered for the event, with some extras attending over the weekend too.

The celebrations began early Friday evening with the Todd Energy sponsored meet and greet. "The atmosphere was alive with conversation as current and past community residents and school pupils reconnected and reminisced," said David Riley, Todd Energy Community Relations Manager.

Saturday saw Tikorangi Primary School on display, as community members and pupils past and present attended the various events planned throughout the day, including the more formal proceedings, a Powhiri, commemorative plaque unveiling and Matai tree planting.

Current students showcased their talents with a Kapa Haka performance, singing and Jump Jam. The school session also provided past students with a first-hand look at education in the

21st century, as classrooms were opened up and in session. The classrooms on display over the weekend were a far cry from the 'one long room' Tikorangi school house of 1879 with its tall brick chimney, fireplace, tiered flooring and porches at either end.

The Jubilee was the result of over two years planning by the organising committee, who met regularly since early 2016 to ensure a successful and positive weekend was had by all. Nik Pyselman, Todd Energy Environment Manager formed part of the committee, and described the planning of the weekend as a really enjoyable and rewarding process. "I managed to learn a lot about the school and the community in the process," said Nik.



The students of Tikorangi Primary School celebrate with song and dance.

You're invited

South Taranaki

Kapuni Open Meeting – Reminder

Kapuni Hall, Wednesday 30 May, 7pm

We will be using this time to present on existing and upcoming operations. Nibbles and refreshments will be provided. Please RSVP to Brylee Flutey.

bflutey@toddenenergy.co.nz | 027 605 0414

North Taranaki

McKee Mangahewa Operations Facility

Community Opening and Mid-Year Community Meeting, 20 June, 6:30pm

We look forward to holding our next Tikorangi Community Meeting at the newly constructed McKee Mangahewa Operations Facility.

We will use this time to showcase the state of the art structure, along with holding our annual mid-year Community Meeting where we will discuss our existing and upcoming operations in Tikorangi.

Nibbles and refreshments will be provided before the beginning of the presentation, and following this you will have an opportunity to partake in a guided tour of the facility.

Transport has been arranged due to limited on-site parking. If you are interested in attending and exploring the new facility, please be at the Clifton Rugby Clubrooms for a 6:30pm departure on 20 June.

RSVP to Louise Hamerton including any dietary requirements by Thursday 14 June.

lhamerton@toddenenergy.co.nz | 759 5549 | 021 485 801



The McKee Mangahewa Operations Facility project

The facilities will house most of our McKee Mangahewa Production team, providing a bespoke response to our current business needs.

The project included site civil engineering works such as site retaining, access roads, new parking and upgrades to existing services within the plant, along with the facility itself. The building is constructed to meet very high wind and earthquake loads, and the decision to utilise Cross-Laminated Timber panelling ensured a high degree of environmental performance was achieved without compromising on structural integrity.

Technology was at the forefront of both design and construction, utilising the latest in building and construction modelling, satellite surveying, computer-controlled bridge saw panel construction and the latest in heating and cooling technologies.

Technology also played a large part in the reduction of traffic movements to site during construction as workers on site were reduced and delivery of materials minimised through the utilisation of off-site fabrication and efficiencies in load planning and site deliveries.

Activity update

Kapuni Production Station

- *June – July 2018*
K-5009 Compressor and engine rebuild

Kapuni well sites

- *May – June 2018*
Kapuni 6/11/17 wellsite – Compression Utilisation Simplification Project (CUSP)
- *May – June 2018*
Kapuni-07 Well intervention operations
- *June – July 2018*
KW-02 Water injection trial

Mangahewa C

- *May – July 2018*
Well workover and stimulation operations.

McKee C

- *May 2018*
Well testing programme
- *June 2018*
Perforation of new intervals

Toe Toe C

- *June 2018*
Flow testing

Mangahewa G

- *May – June 2018*
Pipeline testing
- *May – July 2018*
Facilities civil works and foundations
- *May – September 2018*
Conductor installation

Mangahewa McKee Production Station

- *May – September 2018*
Mangahewa G Receiving Facilities and Manifold construction



All care has been taken to ensure this information is correct at the time of publication.