



Agenda Items & Minutes

Topic	Host
Welcome Committee Members and Visitors	Philip Reichert
Acknowledgement of Traditional Owners	Philip Reichert
Apologies	Philip Reichert
Approval of Minutes from Last Meeting Approved by Lorraine Bull and seconded by Mark Richards.	Philip Reichert
Introduction of Pure CEO <p>Dr Karl has been appointed as Pure CEO in July 2022. He has visited the Latrobe Valley to become familiar with the project and meet with some community members and become aware of the communities sentiments and concerns surrounding the ULAB project.</p> <p>Dr Karl has been involved in the resource management and waste industries for 24 years. Pure is an environmental services business that is interested in specific areas of the resource recovery industry and a circular system that returns a waste product to it's virgin components.</p> <p>Pure is a fully Australian owned company. A major shareholder is JJ Richards, one of the largest waste management business's in Australia. The goal of Pure is to list on the Australian stock exchange, planned for March of 2023.</p> <p>As there were some serious ecological impacts with sending waste products to China for recycling, and the recent bans on waste exports, the Federal Government legislated that this waste be processed in Australia. Pure believes that this business will continue to expand. Pure's goal is to provide circularity in recycling materials back into their original forms, with a focus on science and technology.</p> <p>Pure's mission is to be Australia's leading specialised resource recovery organisation. Pure values community and listens and addresses community concerns and provides employment opportunities in new industries.</p> <p>Lead acid batteries are a primary energy storage system that can be recycled down to the lead, plastics and acid components. We are currently going through the largest transformation of energy recycling the world has seen, and will be transitioning into products such as lithium and other areas that we haven't even seen yet.</p> <p>Pure run a business that is inclusive of diversity and value integrity in the workplace.</p>	Dr Karl Baltpurvins

Pure is currently involved in energy storage, liquid wastes and engineering products, chemical wastes, and product destruction. Organics are currently going to landfill, and will be a growth area for Pure in the future.

Project Status Report

Tania advised that the recent large rain event has required some additional site works for water control. These include an additional bund across the centre of the site to slow the flow of water to the construction storm water pond. 80000 litres of water have been discharged daily as allowed under the trade waste agreement with Gippsland Water. Flocculant has been circulated in the pond to ensure we meet the allowable total solids. Regular testing is being performed by our environmental consultant. Additional earthworks have been completed around the bunds to ensure overflow in large rain events is controlled.

Robin advised the EPA had been notified that we were completing additional earthworks to manage water on site.

Geoff Latimer discussed a small amount of water overflowed the bund wall during the large rain event, 20 cubic meters, and that he had contacted EPA to report the site storm water risks. Water testing including suspended solids had been completed. Additional bunding works and pumps have been installed to assist with site water controls.

Robin advised the EPA had been notified that we were completing additional earthworks to manage water on site. EPA have completed a site visit and are satisfied with our ongoing site works.

Robin advised the draft workshop drawings have been completed and gone to contactors for a revised quote. A study is being completed of the high voltage grid to establish a power supply. Australian Gas has been consulted regarding the supply of natural gas to the site. A fire engineer has been engaged to review the building design for fire risk. Fire Rescue Victoria will review the design.

The concrete design is being reviewed, and the site footprint has been reduced further by rearranging the factory equipment. This documentation will be sent to council for reindorsement by 09.09.2022.

Robin advised the China trip has been delayed due to covid infection. Chunxing are continuing to supply the technology and equipment for the plant, including the detailed process design that requires approvals by the EPA.

Maggie Jones asked if the current discharge of water was different to what was originally planned for the site. Robin explained the works agreement was for the one in one hundred year flood event, and all water that falls on site is for use in operations. The Construction and Environmental Management Plan (CEMP) allows Chunxing to collect runoff from site, treat the water if required, and discharge it as per the trade waste agreement. All water on site is tested to ensure it meets the parameters of the trade waste agreement prior to discharge.

Maggie asked if there were any challenges with the storm water management for the operational plant. Robin advised all the water would be contained on site once constructed.

Maggie asked if there were additional testing to the suspended solids. Robin advised we tested the water under the trade waste agreement, including for heavy metals. No heavy metals have been found. The only water discharged from site is rainwater runoff with some suspended solids.

Topsoil has been tested for contaminants and only two small areas have tested positive, and these areas will be retained on site.

Mark asked if the site was being downsized again. Robin advised that the space between the ponds has been eliminated and the site has been able to be shortened by 29 meters. All the original criteria has been kept from the original design. The building has been reduced by 40 meters in length, and is 11700m³, it was originally 15000m³. This has been achieved by changes in internal arrangement of the plant.

Robin
Krause

<p>Lorraine asked about the role of the environmental scientist. Robin advised Dr Emily Scholes is currently filling this role and completing our water testing. Once the plant is operational we will have a laboratory on site to complete our own testing for production purposes.</p>	
<p>Community Questions & General Business</p> <p>Claudio Marino asked how safety was being addressed and what issues were on site. Tania advised all personnel working on or visiting the site completed site inductions. All contractors carrying out site works have the appropriate SWMS (Safe Work Method Statements) and complete prestart and safety meetings daily. Incident and first aid reporting systems are in place. Tania also advised there were no safety issues on site outside of normal construction. Normal construction safety issues could include moving machinery, earthworks, and lifting with cranes. In the future there will be other areas such as concreting and steel works with building erection. Pond excavations are an important area for safety considerations as deep excavations have to be carefully addressed. Ongoing safety planning is occurring prior to each new phase of construction.</p> <p>Dr Karl advised Pure maintains safety compliance across all aspects of the business and have recently engaged a new manager for Health Safety and Environment. Safety is taken very seriously across the organisation.</p> <p>Lorraine asked if labour supply and training had been considered for plant staff. Robin advised it was still too early for the general plant staff. However the operations staff would be employed halfway through the construction phase to start training for commissioning the plant. Around June 2023. Robin advised plant staff would require training specific to their roles.</p> <p>Leanne asked what would happen with the lead ingots produced from the plant. Dr Lakshman advised a Queensland battery manufacturer might be interested in 40% of the product. The remainder would likely be exported overseas.</p> <p>Leanne asked how viable it will be to use gas in the plant with the increasing prices. Dr Karl advised gas is a massive challenge for all Australian industry. Dr Karl expects the prices to normalise over the course of the plant operating life.</p> <p>Lorraine asked if solar panels had been considered for the plant. Tania advised that Chunxing had looked into solar panels and the suppliers had advised that they would assess the building for suitability once construction was complete.</p> <p>Lorraine asked if VicRoads had been approached to consider if the roads would accommodate the increase in trucks, both from Chunxing & Latrobe Magnesium. Robin advised a traffic management study would be done prior to operation, and would cover all access including Tramway Road.</p> <p>Stacey Clark advised the EPA had begun the background soil sampling as arranged with the Latrobe City Council. Approximately 100 samples have been collected from a 4km grid around the ULAB site and are currently being analysed. When complete a report will be provided to council and published for the public.</p> <p>Shane Mynard asked how the recycled plastic battery cases would be used. Robin advised the external casing would be fully recyclable. The internal spacers, approximately 2.5% of the battery is non recyclable due to possible contaminants and has to be disposed of in an authorised landfill facility.</p>	<p>Robin Krause</p>
<p>Agenda items for next meeting by Wednesday 5th October 2022 to tania.brown@chunxing.com.au</p>	<p>Philip Reichert</p>
<p>Next Meeting Wednesday 26th October 2022 7.00pm. Venue to be confirmed.</p>	<p>Philip Reichert</p>
<p>Close</p>	