



Agenda Items & Minutes

Topic	Host
Welcome Committee Members and Visitors	Tania Brown
Apologies	Tania Brown
Approval of Minutes from Last Meeting Approved by Philip Reichert and seconded by Ellen Jane Browne.	Tania Brown
Project Status Report <p>Significant progress has been made with the project, with the CEMP being resubmitted to the EPA and Latrobe City Council for endorsement to start construction. Visitors to the site have seen that survey flags and excavation areas have been marked out.</p> <p>Areas A & B are the main building footprint. Area C has 3 storm water ponds. Area D has 2 ponds for rainwater collection. Area G has another pond area for roof water collection and the main pollution control equipment including the two chimneys, the bag house, the scrubbers, the heat recovery boiler, and the slag cooling pond area. Area E has the water treatment plant, process water pond and the site water pond, the laboratory and the laundry.</p> <p>The plant main building is in area A & B and shown in green on the map. (See attachments) Area G has the baghouse and heat recovery boiler that feed into the smelter. The right hand side of the drawing has the water treatment plant, the lab, the site water pond, the plant water pond and the office.</p> <p>Chunxing have been working over the last two month to gain endorsement to commence construction and are quite close with tentative approvals for the Communication & Engagement Plan and the Baseline Soil Assessment with offsite testing and recording with the EPA. Chunxing are working on the last three areas of the CEMP, including dust control during topsoil removal and the silt/clay conditioning, and groundwater management. Chunxing has identified that the groundwater has high electrical conductivity, which means it has high salt levels. Any groundwater that may enter the excavation areas will be removed offsite by a licenced contractor. The final area is noise management due for review by the EPA. Chunxing have received good feedback from the EPA regarding the minor shortcomings in the CEMP and have explained and clarified the submissions as required.</p> <p>The Latrobe City Council submissions are very similar to what have been provided to the EPA, including the CEMP, the storm water management and also the plans for the buildings, external ponds, concrete bund wall designs, and culvert collection system. The drawings for the office, changerooms, control room and laboratory have been updated.</p>	Robin

<p>Chunxing have had a surveyor on site marking out all the excavation areas. The North contaminated zone has been fenced. The south are will be flagged and marked.</p> <p>Chunxing are in the process of engaging contractors to provide site buildings, tanks and pumps to allow management of the storm water and any ground water we may encounter to be discharged to sewer under our trade waste agreement.</p> <p>Chunxing will have a sewer connection outside the south boundary. Water will be discharged from a gravity fed storage tank. We have a discharge limit of 80 cubic meters of water a day which will be metered.</p> <p>Philip asked what Chunxing were doing to mitigate the problem with Latrobe Magnesium discharging water onto our site. Robin advised Latrobe Magnesium was at a higher elevation and had directed water through pipes in an earthenware bund onto the Chunxing site. Robin advised that Chunxing had requested they redirect the water north and south to run down the drainage on Fourth Road.</p> <p>Philip asked what responsibility Latrobe Magnesium had to contain their own water, and did they have to be compliant with anyone such as the EPA. Robin advised he didn't know. Philip asked Lorrae Dukes how the Latrobe City Council managed the situation as it was not a Chunxing issue. Lorrae advised it would depend on the permit conditions that applied to the Latrobe Magnesium Plant. Lorrae advised she didn't know the details of the permits and that there was no complaint about the drainage she knew of. Lorrae advised she would consult with the council engineers to see if any issues had been raised.</p> <p>Philip requested that a note be made in the minutes that if Chunxing are doing the correct thing then the neighbours should also be compliant. Stacey Clark suggested that if there were issues with the Magnesium plant they needed to be addressed directly with Council or EPA via the reporting hotlines.</p> <p>John Buhagair agreed that it was up to the planning organisations to follow up concerns with the Magnesium plant.</p>	<p>Krause</p>
<p>Construction Environmental Management Plan Update</p> <p>Chunxing have engaged consultant environmental scientist Gareth Glover to complete the CEMP. He is completing the fifth revision to clarify issues and shortfalls identified by the EPA. The final documents are expected to be submitted within a weeks time.</p> <p>The CEMP covers the activities for the construction of the whole plant, including excavation, soil consolidation, concrete pavement, erection of the buildings, ponds, water management systems and vehicle washes. The sequence of construction work, risks and controls have been identified to demonstrate to the EPA our compliance to the construction methodology. The CEMP will be published on the Chunxing website when it recieves endorsement.</p> <p>EPA will monitor the construction phase to ensure Chunxing are meeting the compliance requirements.</p> <p>All revisions to the CEMP for the EPA are also sent to the Council. When endorsement is granted by the EPA this document will also be submitted to the council as part of the charter for construction.</p> <p>Shane Mynard asked if there is a proposed start date for construction. Robin advised it would depend on when endorsement was granted by the EPA and Latrobe City Council, possibly within the next few weeks.</p>	<p>Robin Krause</p>

Leanne asked if Chunxing would be involved in sweeping the roads around the plant. Robin advised that all vehicles would be cleaned before leaving site, and that we did not have any responsibility to sweep other debris off the roads that are a common thoroughfare.

Leanne suggested it would be good to have the proposed 17kg of emissions swept up. Robin advised it would be difficult to sweep up that amount of contaminant over a year, but would be reassessed during operation. During construction there would be no contaminants leaving the site with a shaker grid and wheel wash for all vehicles leaving the site.

Robin advised there were controls and requirements in place with how the plant is operated and monitored by the EPA, and these will all be tested at commissioning.

Storm Water Control Updates

Robin advised Chunxing have engaged consultant Scott McFarlane from Archangel. Scott is a hydraulic and geothermal engineer and is accredited with Latrobe City Council and the EPA. Scott has designed all the pumping systems for the storm water management. There are four main pumping systems to be installed, to manage plant water, site water, rain water, and sewer discharge. The original drawing has been updated to four independent drawings so that it is easier to see the pump connections.

The plant water system recycles all the water that is used inside the factory for washing down, diluting and cleaning product. It is pumped from sumps in the building to the plant water pond, at a certain level it is pumped to the water treatment plant where it goes through three levels of treatment, including dosing with chlorine and goes back to the treated water pond and is reused in the plant. This treated water then meets the guidelines for potable water. The plant water has the potential to be acidic. It is neutralised by adding lime which produces a by product of sludge and gypsum. This is then sent back through the smelters to recover any lead that may be in it.

During operation the plant will loose between 20 and 40 cubic meters of water per day. Make up water is made up from rain water collected on site, and is sufficient unless there is a drought of three years or more, in which case water will be sourced from the mains water supply.

The second system collects water from the building roof into three ponds, gravity fed from a siphon system. Storm water pond two is used as make up water for the plant. Balance pipes and pumps allows the ponds levels to be managed. The rainwater is filtered and treated with chlorine and used straight into the factory.

Site water from rain or from the vehicle washes are collected in culvert drains from the pavement. They feed into sump pits that feed into the site water ponds. The site water ponds can store 8000 cubic meters of water. Excess water goes to the site water pond and the water treatment plant and is treated the same as plant water. There is enough water storage capacity to cope with a one in a one hundred year rain event on site.

Mains potable water is supplied to the plant from Gippsland Water. Chunxing uses this water for domestic use in the amenities including the kitchens, toilets and showers. The outfall of this water goes into the sewer management system. Black water from the toilets and sinks go directly into the sewer as domestic waste. Grey water, potentially contaminated with lead from clothing, from the lab, laundry or change block, goes through a system with a biological treatment plant, to remove organics and dioxins. The water then goes through the normal treatment system, the sludge from the biological treatment plant goes through the black water system and is discharged in the sewer.

Robin
Krause

Community Questions

<p>Bronwyn asked if there were sites being considered for the air monitors near the school. Bronwyn advised that her borders were approximately 300 meters from the school. Robin advised one air monitor would be placed in one corner of the Chunxing site. The second site is being investigated closer to the school on private properties and are confident it will be around 100 metered from the school. Robin advised the education Department didn't want an asset they needed to be responsible for on their property.</p>	<p>Robin Krause</p>
<p>All drawings shown in the meeting will be published on the Chunxing website with the minutes.</p>	<p>Robin Krause</p>
<p>Agenda items for next meeting by Wednesday 9 February 2022 to tania.brown@jschunxing.com</p>	<p>Philip Reichert</p>
<p>Next Meeting Wednesday 23 February 2022 7.00pm. Venue to be confirmed</p>	<p>Philip Reichert</p>
<p>Close</p>	