



Minutes of meeting – Copperstring

Hughenden Camp (Flinders Shire Council)

Venue	TEAMS
Date	29/8/2023
Time	3pm
Present	p&s - Arthur Bool AB - (chair), Steve Edwards (SE) Nick Poon (NP) Council - Hari Boppudi, Andrew Nunn, Misenka Duong
Apologies	Wesley Heckendorf (WH), Emma McCaughey (MC), Michael Mitchell (MM)

1. Introductions

1.1. Pitt&sherry role – Engineering consultant to the JV (UGL CPB JV)

1.2. Council staff and roles:

- Hari Boppudi – CEO
- Andrew Nunn – DoE (Dir. of Engineering) – leaving Council soon.
- Misenka Duong – Project Engineer – taking over from Andrew Nunn soon.

1.3. General intro statements:

Hari was concerned that there was not enough consultation between the camp design team and his Council and that it seemed the design was forging ahead towards report completion without proper Council input.

Arthur and Steve mentioned that we had started the discussion with Council (Steve Edwards with Andrew Nunn) to better understand infrastructure preferences some weeks ago, but that Copperstring (CETC) advised us to stop talking to all impacted Councils for a period as they were trying to keep communications more controlled. Therefore, the design team had a period of work without necessary Council input, but we had to keep moving under our contract and that this meeting was the first opportunity to reconvene.

Arthur mentioned that we have had the same matters and constraints to deal with at each impacted local government authority where there are other camps proposed. We have been able to adjust designs to suit the preferences of other Council's and we can try to do the same here based on Flinders Shire Council feedback.

Hari also mentioned he'd like a way to repurpose dongas / accommodation buildings into permanent housing. This is something for CETC and Council to discuss separately.

Hari was disappointed that recent meetings and discussion he has had with Copperstring didn't seem to have outcomes that made it down to this level of the design team. Nick Poon confirmed.

2. Hughenden Camp

2.1. Utilities – Wastewater

2.1.1. Hari mentioned the on-site wastewater disposal option would not be supported by Council for the site because (1) it is not suited to the residential area based on their town planning scheme and (2) there is council sewerage network available nearby if a connection is built to it.

2.1.2. Arthur mentioned that discharging wastewater to the council network is the preference, but the on-site disposal option will still be shown as an "option" only, to (1) have a backup option in the event Council couldn't accept the wastewater to their network for some reason and also to help retain the space allocation so the land is not taken away from the camp hub use.

2.1.3. Arthur mentioned we can add the Council preferred wastewater design to our revised set of concept plans, showing something like the following where a sewer line can head north (in red):



2.1.4. Hari mentioned that councils' treatment facilities only operate at up to about 50% capacity and is for 3500 EP, so there is ample capacity for the camp wastewater.

2.1.5. Hari and Andrew also mentioned there may be some ageing sewer network assets to be considered and there were consultants (GHD) checking on Council's sewer systems.

2.2. Utilities – Water

2.2.1. Hari queried where the water was coming from.

2.2.2. The design team advised that water would preferably be obtained from Council's reticulation system for all site uses, but that there is also an allowance for a new bore to be installed onsite for independent supply, but there were no feasibility studies as yet in relation to any new bore.

2.2.3. Hari objected to the use of drinking water supplies for use at the concrete batch plant and instead suggested such water should be obtained from their Bore #8 which is closer to town and has ample capacity and water can be obtained by trucks.

2.2.4. Hari also had concerns with a new bore due to (1) high costs and long lead time for the project (2) no need for it due to adequate council supply and (3) possible impact on the Great artesian basin (GAB) and drawdown impacts on other nearby bores Council relies upon.

2.2.5. Andrew mentioned that the best place to secure drinking water from was from the 100mm main running along the Flinders highway. (See image above – blue lines show proposed route of connection).

2.2.6. Post meeting email – Arthur queried if the town's reticulated artesian water was treated or not and also if it was warm – response pending.

2.3. Town planning/building

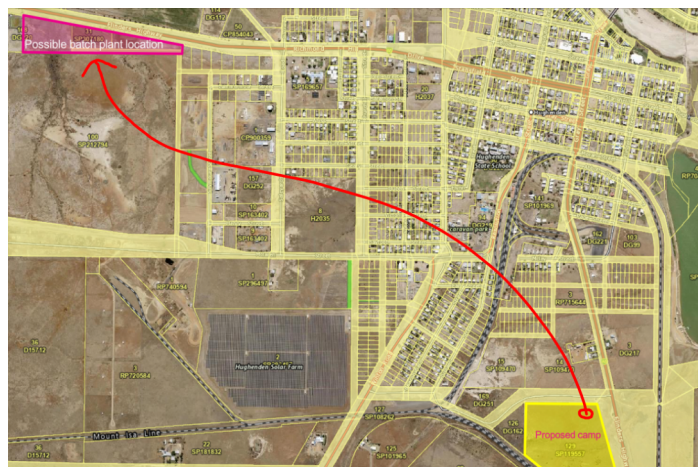
2.3.1. Hari had general concerns with the camp hub industrial uses – mainly the concrete batch plant - in a residential or future residential area.

2.3.2. The issue of dust/silicosis risk was raised as a significant concern for Council.

2.3.3. Arthur mentioned that dust/air issues had been assessed but would review.

2.3.4. Arthur mentioned that possibly moving the batch plant to the southern site on the south of the rail line may be an option.

2.3.5. Post meeting – Andrew provided a map showing preferred batch plant location:



2.4. Roads and Carparking

2.4.1. Hari mentioned that Council wants the full external road to be bitumen sealed from the Highway to Disraeli St at some stage (about 1km)

2.4.2. Arthur mentioned that at the moment, only the section from the highway to the camp was planned to be sealed.

2.4.3. No carpark concerns raised, just expects them to be sealed.

2.5. Earthworks and drainage

2.5.1. No comments / concerns regarding earthworks, other than normal erosion and sediment control issues to be implemented.

2.5.2. Hari mentioned that the drainage path near the camp feeds into the recreation lake to the north, so it needs to be taken care of. He also mentioned the flow can be fast.

2.6. Power and comms

2.6.1. No concerns about power.

2.6.2. Hari was concerned about telecommunications and in particular the impact on internet/mobile phone services because of the extra people from the camp. Suggested this needs to be looked at and accounted for.

2.7. Waste disposal

2.7.1. Hari mentioned the Council pit has adequate expansion capacity in the pit. The open portion of the pit only has a life of about 8-10 years, and he wanted to know how much waste would be generated from Copperstring and therefore how much reduction in life would the current open pit have.

2.7.2. Hari mentioned Council can quote/provide on offering green bins and pickup service.

2.7.3. Hari mentioned there was no recycling now, but it's being looked at for future.

2.7.4. Hari wanted to know waste types and volumes.

3. General

3.1. Access to Council's spatial and other data?

3.1.1. Hari provided a link to their 'non-public' QLD Globe site (may have a time limited access)

3.1.2. Andrew followed up with a PDF map of a preferred batch plant location away from the Land Acquisition Area, as well as the location of Bore 8 where non-potable construction water can be sourced via truck.

3.2. Arthur mentioned he would pass around the meeting notes soon and that Nick Poon would be able to take back any high-level concerns to CETC for review.

END