

MINUTES OF MEETING

Meeting Number 17

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|-----------|---|-------|------------|-------|--------|
| CLG | Woolloowin Community Liaison Group | | | | |
| Location: | Airport Link Information Centre, Lutwyche Centro | Date: | 04/10/2011 | Time: | 6.00pm |

These minutes are not intended to be a verbatim account of the CLG meeting but are a summary of the key issues raised, actions arising from the meeting and outcomes of actions raised at previous meeting.

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| Chaired By: M Salisbury | Minuted By: Thiess John Holland | Distribution Date: 17 October 2011 |
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| Attendees: Melissa Salisbury (Independent Facilitator), John Lister, Peter Schofield |
| Project Team Members in Attendance: Gavin Bradford – TJH, Anthea Craig – TJH, Kenneth Fyfe – TJH, Lauren Diamond – CNI, Charles MacDonald – BrisConnections, Chris Saxby - TJH, Michelle Barisic - BrisConnections |
| Apologies: |
| Not Present: Ron Apelt |

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| Summary |
| <p>INTRODUCTION</p> <ul style="list-style-type: none"> Meeting opened, apologies were noted and new attendees were introduced TJH acknowledged an incident which had occurred resulting in the death of a colleague. Union activity since the incident has generated media coverage, site has been closed as a mark of respect to the colleague and his family, safety audits are being conducted by TJH, Unions and authorities. TJH cannot provide any further information at present as they are actively participating in investigations and understand the difficult time at present for the family and people across the project. |
| <p>ACTION ITEMS/UPDATE</p> <p>Action 1 – Responses to issues raised by the member following on from Meeting 3 re Settlement. This action will remain open as the member is not present.</p> <p>Action 2 – BrisConnections to bring photos to demonstrate the in-situ lining pours. BrisConnections will provide a video during their presentation.</p> <p>Forward Agenda Item 1: CNI to advise on where the process is at with the Coordinator General regarding ownership of the park. Facilitator noted that CNI had advised BCC is the owner a previous meeting and this Item is now closed.</p> |
| <p>CONSTRUCTION UPDATE A briefing paper was tabled by Gavin Bradford, Area Manager, Thiess John Holland. The briefing paper is provided as an appendix to these minutes.</p> <p>Decommissioning and Rehabilitation of the Woolloowin Worksite & Upcoming Works:</p> <p>Since the last meeting, TJH has looked at the construction program and expects demobilization work to start during the coming weeks. These works include:</p> <ul style="list-style-type: none"> The bottom of the shaft needs to be plugged and filled at which time it will no longer be serviceable for access. Before the final concrete pour the shaft walls need to be constructed to pour the concrete against. The best way to do this is to commence the backfill of the crosscut |

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- Backfilling will take place while the shed is still erect as per the conditions
- Flowable fill transported via concrete agitators will be used to fill the shaft which will mean improved efficiency of the backfill operation as material will not be double handed and compaction will not be necessary. This will mean a quicker and quieter operation for residents and is also easier for TJH in terms of organising concrete trucks and filling the shaft.
- The option of using flowable fill will take approximately ten days to complete with the work taking place during the day as opposed to 6-8 weeks for the alternative.
- After the shaft is filled, the concrete hardstand will be removed from within the shed. This will involve hammering.
- The shed will then be removed and the remaining hardstand broken up and taken away. Environmental controls will be in place including dust suppression and the noise wall. This will be the most disruptive work.
- Removal of the shed will be followed by the rehabilitation of the site and reinstatement of services as required per the conditions.
- Work will start in late October, early November
- Services that need to be reinstated include the removal of the Energex substation, cables and footpaths. At this stage the Energex conduits will remain in place meaning less community disruption.
- Hours of operation will be day shift 6.30am to 6.30pm.
- Special Circumstances work will be undertaken at night for the removal of oversized items such as the Gantry Crane.
- Door knocks will be conducted and residents notified. A timetable will be released to residents next week as a part of a notification. These dates are indicative and could come forward.
- Curbing will need to be replaced
- Pocket Park will be delivered by CNI and works are scheduled to start in April.

Method / Mitigation

- Truck peak will be around 80 trucks per day for approximately three weeks
- Shed will be washed down before it is removed to help with dust suppression
- Environmental monitoring will be carried out
- An information session will be held this Saturday regarding the decommissioning. This will be the last information session held by TJH. Previous sessions have not been well attended so TJH asked members to encourage residents to attend. CNI will also be in attendance.

TJH added that the Site Environment Plan is available. Copies have been provided tonight and it will also be available on the website. Environment plans needed to be submitted to the Coordinator General for review 30 days prior to commencement of this phase.

Other Points:

- Flowable fill was used in front of the Kedron Brook building as well and there is a time lapse video that shows the fill as well as the realignment of Gympie Road which will be shown as a part of the BrisConnections update.
- When TJH is finished the park will not be complete it will be returned to its previous level in preparation for CNI's sub-contractor will take over with appointed sub-contractors although TJH are unsure how long this will take as CNI are still working through the tender process. The site will not be a proper park when it is handed over to CNI.

Questions and Discussions:

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A CLG Member asked about the removal of the footpath at Rose Street.

TJH advised that as they installed the footpath it has to be removed to return the land to its original condition. There maybe an opportunity to leave it in place but this would depend on whether it fits in with the Pocket Park design. The requirement is for the footpath to be removed.

A CLG Member suggested that TJH highlight the duration of the peak construction traffic movements as this will be of particular concerns to residents.

TJH advised that the schedule presented to members will be included in the notification and approximate delivery numbers will be included, with an emphasis on increased vehicle movements.

A CLG Member noted that he was part of an audit on concrete truck movements on Chalk Street. There were a lot of trucks coming through at 2-3 minute intervals.

TJH advised the Project Change Request gives an estimate of truck numbers. The higher number of trucks will mean more questions will be asked so truck movements and numbers will be highlighted.

A CLG Member asked if the increased truck movements mean the schedule will be brought forward.

TJH advised that the changed backfill methodology provides surety that the site will be demobilized within the required timeframe.

The Member requested clarification that the demobilization is on track.

TJH is confident it will meet the 29 month timeframe. The flowable fill option offers increased surety in relation to the handling of material and achieving the required compaction rate. Demobilisation is scheduled to be complete by late-March 2012.

The Member asked if the project is on track overall.

BrisConnections advised that the project is tracking to be complete by its due date. There have been some days lost this week but BrisConnections is hopeful that work can start again asap. BrisConnections has always said they were not anticipating finishing early and that it would be a tight finish.

BrisConnections advised that the flowable fill is a weaker form of concrete and that it is a different operation to bringing in soil and less disruptive for the community even though there will be a short term increase in truck movements.

A CLG Member asked what the requirements are.

TJH advised the requirements are to return the site to its pre-existing condition and that TJH is not responsible for the Pocket Park.

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ENVIRONMENT UPDATE A briefing paper was tabled Kenneth Fyfe, Environment Officer, Thiess John Holland. The briefing paper is provided as an appendix to these minutes.

Results are also posted to the project website:

Noise monitoring

Was conducted at the following locations with no exceedances:

- 71 Park Road

Monitoring is conducted 2-3 times during the day. For one session on 20th doors and windows were open and there is now more influence from traffic now the realignment of Gympie Road has taken place.

Air quality monitoring

Was conducted at the following locations with one exceedance:

- 71 Park Road

There are some gaps in the data in July due to power failure due to Energex works.

TJH are unsure why there was an exceedance in July, but there are five exceedances allowed in a year.

Dust Deposition Monitoring

Was conducted at the following locations with no exceedances:

- 68 Park Road

TJH noted that site works that generate dust have reduced.

Gas Monitoring

Was conducted at the following locations with no exceedances:

- 71 Park Road

No more Gas Monitoring will be undertaken at this site due to the decommissioning of the site and removal of the tunnel ventilation from the Woolloowin Worksite.

Vibration Monitoring

Was conducted at the following locations with no exceedances:

- 71 Park Road

Discussion and questions arising from the presentation

A CLG Member asked if the exceedance reflected the situation in the area.

TJH advised it was a spike for the area and has been noted.

A CLG Member asked if TJH will be repairing the banks of Melrose Creek.

TJH advised that its activities did not extend to the creek and that CNI will be responsible for construction of the bridge at this location. TJH further advised that the only work it had carried out in the area was rectify an issue

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some time ago relating to the Water Treatment Plant. There are some works being undertaken closer to Kalinga Park where the creek meets Schulz Canal after the hydrology modelling was undertaken.

A CLG Member asked if any residents had complained of subsidence as a result of the tunnel.

TJH that there have been complaints relating to property damage however they are not necessarily related to subsidence. The process which has been previously addressed in the CLG is for the home owner to contact the hotline and their request will be passed on to the property team for an investigation. The complaint can be escalated to CNI if necessary.

A CLG Member noted that he personally is happier with the condition of the creek since January. Now we are back in a 'dry' period the flow has returned to normal.

A CLG Member asked about the power failures noted in the Air Quality Monitoring.

TJH advised that this was due to an Energex fault, TJH ensures that the monitors are turned on in the morning and sometimes when they return in the afternoon the power is off.

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COMMUNITY RELATIONS UPDATE A briefing paper was tabled by Anthea Craig, Community Liaison Coordinator, Thiess John Holland. The briefing paper is provided as an appendix to these minutes.

For the Woolloowin Community there were nine Issues/Enquiries from six Stakeholders and 15 Complaints from 10 Stakeholders.

For the Woolloowin Worksite there were three Issues/Enquiries from two Stakeholders and one Complaint from one Stakeholder

The majority of the issues raised were regarding Construction Vehicle Movements, General Project Information and Site Dust. TJH has tried to separate complaints relating to the worksite from community related complaints.

COMMUNITY CONSULTATION:

Notifications

1396 –removal of Ground Monitoring Markers (29 August 2011)
1421 – Community Information Session

Door knocks:

Nil to report

OTHER:

- Survey Markers are being removed now tunneling is complete. If there is no movement for a specified period after ongoing monitoring then the markers can be removed. The process starts at Kalinga Park and moves west. AC is unsure if the markers have been removed from Melrose Park.
- There have been a number of questions about the works on Kent Road and the use of the worksite at the end of Kent Road for storage. These are works being undertaken by a sub-contractor to Queensland Urban Utilities. The original permit from BCC said the work was related to Airport Link but has since been corrected.

Questions & Discussions:

A CLG Member asked if the survey points are the 'trapdoors' in Melrose Park.

TJH advised that this is correct, the 'trapdoors' open and rods are inserted in them. There are smaller bolts in the gutter and road.

General Business

A CLG Member asked CNI for an update on Urban Mitigation.

CNI advised that it is currently progressing the plans through the tender process. CNI is hoping to start in Melrose Park by the end of the year or early next year once a sub-contractor is appointed. Chalk Street, the bridge, Melrose Park and Park Road are the next phase of works.

The Member asked if there are completion dates for Phases 1 & 2.

CNI advised that the completion dates will be determined as part of the tender process. CNI has some ball park times but need to confirm this with the company that is awarded the tender.

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The Member asked if the detailed plans for Shaw Road showing the crossing are available to be viewed, as well as the specific details of tree and planting selections.

CNI advised that detailed plans were available as a part of the tender package, there may be some tweaks however, we are not sure if these will be available for viewing. If there is anyone with specific questions they can be directed to CNI.

CNI has been liaising with BCC in regards to the type of trees that can be planted, so that all BCC standards are met before the park is handed back to BCC.

A CLG Member advised he has spoken to the representatives from PLACE (Scott & Esther) and was very impressed with the designs and solutions they had come up with. Not everyone in the community is satisfied but the representatives have been speaking to the community. BCC and CNI representatives have spoken with community members who are not in agreement with the designs. The member appreciates the effort of all the stakeholders to meet with the community on site and feels the solutions designed will be a great asset in the end and a good outcome for the community.

A CLG Member noted that TJH had provided a budget of \$3 million for urban mitigation and asked if that amount will be augmented before completion.

CNI advised that the amount was calculated taking in to account the cost of consulting and tendering. In terms of CNI some of the consulting services are not charged and a majority of the 3 million is going towards the asset; CNI would need to further assess the detailed cost allocation for particular detail.

TJH advised that CNI had provided a breakdown of each component during the initial submission.

ACTION: CNI to determine if any further information can be provided to the member.

A CLG Member asked how the tender process works – is a scope of works provided and what designs are removed if the tenders cannot provide the full design within the budgeted amount.

CNI advised that PLACE conducted a detailed analysis of costs with consideration for similar projects they have delivered previously.

Member asked if CNI are confident they can deliver what has been put forward.

CNI advised that the plan was approved by the CoG, so they need to deliver what was approved.

CNI advised Paul Croke is leading the delivery of the park.

ACTION: CNI will provide more information to members on the delivery plan.

A CLG member noted that from a community and a personal perspective it was sad to hear the news of a worker being killed. The member offered condolences to the family and colleagues of the worker on behalf of the CLG.

BrisConnections Update: Charles McDonald presented a time lapse video to the group showing the breakthrough and burial of the TBM which also showed the in-situ lining pours, noting the following points:

- In-Situ lining pours are currently underway
- The burial chamber for the TBM is 15m x 15m x 15m – the cutter head and shield is pushed onto a platform and lowered into the hold
- In the TBM sections some of the lining is precast and installed behind the TBM in other areas in-situ pours are utilised, where form work moves through the tunnel that can be altered to fit the tunnel shape

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and form. The concrete is poured behind this framework, when finished it moves onto the next area.

- The method used to fill the TBM burial chamber is akin to the proposal for the Rose Street shaft.
- Smoke ducts are in the ceiling of the tunnel so smoke can be released in case of a fire.
- Waterproof membranes surround the tunnel to prevent ground water from coming through and dripping on cars. The water is directed to the sides of the tunnel where it is drained.



A CLG Member asked if further consideration to offer 'friends of the tunnel' or community members free or discounted used of the tunnel.

CM advised that discussions are still underway in regards to what the final offers will be. The issue has been raised and BrisConnections will advise at a later date what the offer will be.

Next meeting scheduled Tuesday 6, December 2011 5:45pm for 6pm

Meeting dates for rest of the year:

6 December 2011

Decommissioning and Rehabilitation of the Wooloowin Worksite

Gavin Bradford, Area Manager

smarter ways to move



Phase 3 – Decommission & Rehabilitate

- Commence late October / early November 2011
- Includes:
 - Backfilling and reinstatement of the shaft
 - Rehabilitation or reinstatement of infrastructure
 - Removal of shed, buildings and equipment
- Pocket Park delivery will be facilitated by CNI

Construction Operating Hours

- 6.30am – 6.30pm, Monday to Saturday
- Special circumstances work at night – particular activities may need to be carried out during time frames advised by the CG or when lane closures or oversized vehicle movements are necessary
- Notifications distributed prior to the commencement of any night time activities

Timetable of Works

| COMMENCEMENT & DURATION | ACTIVITY | WHAT TO EXPECT |
|--|--|---|
| Early November 2011 Approx. 1 week | Removal of site offices | |
| Early November 2011 Approx. 2 weeks | Backfill of the shaft using flowable, dirt and rock fill | Delivery and operation of mobile cranes |
| Mid November 2011 Approx. 2 weeks | Stage 1 - Removal of the concrete hardstand, piles and footings inside the acoustic shed using concrete saws and hydraulic hammers | Loading and removal of equipment, buildings and materials from the worksite |
| Late November 2011 Approx. 1 week | Removal of the gantry crane | |
| Late November 2011 Approx. 2 weeks | Disassembly the acoustic shed, ventilation outlets and footings | Construction vehicle movements peaking at approximately 80/day during the back fill operation |
| November 2011 Engineering/Procurement Phase | Disconnection and removal of temporary services including the hauling of Energex cables along Park Road | Construction noise from saw cutting, hammering, drilling, hand tools, engines, winches and generators |
| December 2011 Approx. 2 weeks | Removal of the Energex substation | Excavation, retrieval, backfill and concreting of temporary services |
| Late January 2012 Approx. 3 weeks | Stage 2 - Removal of the concrete hardstand outside the acoustic shed using concrete saws and hydraulic hammers | Excavation, retrieval, backfill and concreting of temporary services |
| Late February 2012 Approx. 3 weeks | Removal of the noise barrier and footings | Lane and footpath closures requiring some detours managed with traffic control |
| Mid March 2012 Approx. 2 weeks | Remediation of the Kent and Park Road driveways and removal the Rose Street footpath and landscaping | |

* Activities may occur simultaneously and are subject to change

Methodology, Mitigation & Monitoring

TJH will progressively reinstate areas of the worksite with existing mitigation in place as much as is practicable.

- Flowable fill, dirt and rock for backfill of shaft – approximately 80 trucks per day during peak
- Backfill of the shaft within the acoustic shed and removal of the concrete hardstand:
 - Stage 1 – inside the shed
 - Stage 2 – inside the noise barrier
- Dust suppression using a combination of water carts, street sweepers, direct hosing during hammering activities and covered loads where applicable
- Noise, vibration and air quality monitoring

Find out more

Woolloowin Community Information Session

Thiess John Holland will host a Community Information Session to provide information about the upcoming decommissioning and rehabilitation of the Woolloowin Worksite and an opportunity to ask questions about the works that may be of interest to you.

Date: Saturday, 8 October 2011

Time: 10.00am to 12:00pm

Location: Kalinga Bowls Club, Melrose Park, Woolloowin

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