

MINUTES OF MEETING

Meeting Number 31

CLG	Bowen Hills Community Liaison Group				
Location:	Airport Link Information Centre, Lutwyche	Date:	23/08/2011	Time:	5:45pm

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 meetings

Chaired By: Barrie Spring	Minuted By: Jess Duncan	Distribution Date: 6 Sept 2011
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Attendees: Barrie Spring (Independent Facilitator) (BS), Joy Gulson (JG), Wayne Wanstall (WW), Roz Murray (RM), Clyde Ashton (CA)
Project Team Members in Attendance: Andrew Tuson (AT) – Area Manager, Bowen Hills, TJH Nicola Mitchell (NM) – Stakeholder Relations Manager, TJH Daniel Hockey (DH) – Senior Community Liaison Officer, TJH Carol Smith (CS) – Environmental Co-ordinator, TJH Charles MacDonald (CM) – BrisConnections Ashleigh Auckland (AA) – CNI Michelle Barisic (MB) – BrisConnections Deirdre McCue (DM) – Communications and Community Relations Manager, TJH
Apologies: Ray McFarlane, Wayne Nugent
Not Present: Ralda MacGregor, Kelly Favaloro, Michael Schipper, Doug Watt

Item	Action	Who
1	<p>Meeting opened at 5.45pm</p> <ul style="list-style-type: none"> Apologies were noted. <p>The Facilitator provided an update on membership advising Ralda MacGregor had offered her resignation from the CLG, and that she had not yet been successful in finding a replacement.</p> <p>The Facilitator advised Expressions of Interest would be sought for a residential member from the Campbell Street, Jeays Street or Hamilton Place area, due to on-going night work being undertaken in the area.</p> <p>A CLG member asked about the intentions of Kelly Favaloro in attending meetings.</p> <p>The Facilitator advised that she is following up with Kelly.</p>	<p>BS</p> <p>RM</p> <p>BS</p>
2	<p>Action 1: Federation Street repairs – TJH to continue to monitor the condition of Federation Street.</p> <p>TJH advised repairs have been completed, TJH are monitoring the area and repairs are ongoing.</p> <p>A CLG member asked where repairs had been carried out and why dirt had been dropped at the side of Federation Street.</p>	<p>AT</p> <p>RM</p>

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	TJH advised broken concrete around a water valve cover and potholes near the corner of Federation and Morris Streets had been repaired since the last meeting. TJH advised stones 75mm in diameter and below had been placed on the side of the road designed to soak up the water on the Federation Street nature strip.	AT
	Action 2: Noise Report Request – CNI to confirm with the member CNI Environment Manager’s contact with DERM. CNI advised they have followed up with the member regarding his enquiry.	AA
	Action 3: Mayne Road Car Parking – TJH to reply to member why on-street parking spaces have been removed and when the spaces will return. TJH advised car parks have not been permanently removed. Temporary barriers are in place for the duration of the construction of the Campbell Street and Mayne Road intersection. The barriers are also in place for the installation of conduits, signals and gantry signs This configuration will remain until October/November then once the permanent signs and services are in place the temporary barriers can be removed, prior to the final opening.	AT
	A CLG member asked if the traffic signals at Mayne Road and Campbell Street would be upgraded. TJH advised the signals would be upgraded with the intersection.	CA AT
	ACTON: TJH to respond to the absent member regarding their enquiry about the reinstatement of car parking spaces.	
	Action 4: Bryden Street – TJH to organise a street sweeper for Bryden Street. TJH advised the action was related to work in Bryden Street conducted by Brisbane City Council for installation of new footpaths. TJH has sent its sweeper truck down Bryden Street anyway.	AT
	Action 5: Bryden Street Laydown Area - TJH to clean up the former lay down area at the corner of Bryden Street and Lutwyche Road. TJH advised they had temporary occupation of the land and have since written to CNI asking them to take back the land. TJH is waiting on written confirmation from CNI.	AT
	A CLG member asked about the grass on that area. TJH advised the former lay down area had been hydro-mulched, a temporary ramp and concrete rubble had been removed. TJH reiterated they are waiting on confirmation from CNI regarding taking the land back.	CA AT
	Action 6: Community Notifications – TJH to follow up on Community	

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	<p>Notifications.</p> <p>TJH advised concerns were raised about delivery of notifications and that this matter would be addressed during the community relations update.</p> <p>Action 7: Turf Haulage - TJH to advise member on how turf will be delivered to the site.</p> <p>TJH advised that approximately 10,000 square metres of turf will be delivered to site through the available site gates, which are gates 2, 4, 5, and 9.</p> <p>A CLG member asked over how many days turf will be delivered.</p> <p>TJH advised deliveries will be made between September and December. TJH is planning to have landscaping substantially finalised by end of December, depending on weather.</p> <p>Action 8: Car Park Noise – TJH to confirm with staff member what was said about goals relating to the car park during the meeting with the CLG member.</p> <p>As the member who raised the question was not present, the Action would remain open.</p> <p>TJH advised there had been discussions between TJH's Environmental Manager Brett Watkins and CNI's Environmental Manager, Kerry Wastell about the Coordinator General's goals and their application.</p>	<p>DH</p> <p>AT</p> <p>RM</p> <p>AT</p> <p>BS</p> <p>DM</p>
3	<p>CLG Matters:</p> <p>The facilitator asked on behalf of an absent member when the tunnel off-ramp in the middle of Lutwyche Road would be complete.</p> <p>TJH advised most works would be complete by the end of September.</p> <p>A CLG member noted residents at the top end of Gallway Street are regularly picking up rubbish dropped by workers, such as McDonald's wrappers, in the street and from gardens.</p> <p>The member asked if TJH was still cleaning the worker car parks.</p> <p>TJH advised they were not aware of any specific resident concerns and advised the litter situation on Gallway Street would be monitored and the issue is raised at Pre-start meetings and Toolbox Talks. TJH ensures anyone caught littering is dealt with appropriately.</p> <p>TJH advised they are continuing to clean the car park area more than twice weekly.</p> <p>A CLG member noted she witnessed an uncovered spoil haulage truck on the street today.</p> <p>TJH noted an uncovered load was witnessed this morning and the driver was told to cover the trailer. Any uncovered loads will be asked to be covered.</p>	<p>BS</p> <p>AT</p> <p>RM</p> <p>AT</p> <p>RM</p> <p>CS</p>

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	<p>The member asked if someone was on site checking trucks leaving site from Cedric Street to ensure they are covered. TJH advised they will look at having someone on site. If a truck is caught uncovered twice then it may be removed from site. TJH advised the truck stopped today was at Gate 2.</p> <p>ACTION: TJH to report back on the possibility of having someone on-site to ensure that trucks are covered.</p>	RM AT/CS
	<p>A CLG member asked if residents can use the new Lutwyche Road pedestrian crossing. Residents are unsure as the corner appears to be incomplete. TJH advised the pedestrian crossing facility opened a week after the traffic vehicle signals became operational. Residents should follow the path on the northern side of Cedric Street to access the crossing.</p>	RM AT/DH
	<p>A CLG member noted a flyer came through the mail saying they were going to scrub streets once works were complete. TJH advised street cleaning was carried out 30 July after the Cedric Street intersection opening. A note was delivered to residents asking them to move vehicles off the street between 12-2pm to allow the clean to take place.</p>	RM AT
	<p>A CLG member asked when trucks will start delivering backfill for the park. TJH advised backfilling work had already started on top of CC101. The first phase had been slower and the operation will ramp up to a peak phase</p>	RM AT
	<p>The member asked when the peak phase will begin. TJH advised it should start in the next week, dependent on the weather.</p>	RM AT
	<p>A CLG member noted some residents had been told they might be eligible receive an internal and external house clean at the end of the project, and asked when this cleaning would be approved and confirmed. TJH advised residents should contact the hotline if they have further enquiries.</p>	RM DH
	<p>The member advised residents have already contacted the hotline and were told cleaning would take place toward the end of the project. TJH noted cleaning would be provided based on an assessment towards the end of the project. The timeframe is yet to be established.</p>	RM DM
	<p>The member asked if the provision of cleaning has been confirmed. TJH advised cleaning would take place, where appropriate, at the end of the project, however not every house in the precinct will be cleaned.</p>	RM AT

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	<p>The member asked how the eligible houses will be determined. The facilitator noted each house would be assessed after major works have been completed. TJH will contact residents and make an offer, where appropriate.</p> <p>The member asked when residents should ring regarding cleaning Facilitator advised when major construction is complete. TJH noted that works will be completed in stages, so the best time to contact is when individual areas are complete.</p> <p>The member asked if February would be a good time. TJH noted this would be a good time. TJH reiterated that residents should contact the project hotline closer to the time.</p> <p>A CLG member noted a vibration monitor had been removed from her property without her knowledge or permission, and asked when the monitor would be returned. TJH advised the monitor would be replaced next week. The monitor had been removed as directed by the Environment Manager as there were 3 weeks of results and vibration levels were low. A decision was made to remove the monitor, recalibrate it and reinstall when the backfill operation ramps up. TJH will contact the member to arrange installation.</p> <p>A CLG member noted Gate 5 had been operating after hours, and asked if work was stopped on Friday after a call was made to CNI. TJH advised Gate 5 should not operate beyond 6.30pm and advised they will look into the issue.</p> <p>ACTION: TJH to look into the use of Gate 5 after hours.</p>	<p>RM</p> <p>BS</p> <p>RM</p> <p>BS</p> <p>DM</p> <p>RM</p> <p>AT</p> <p>RM</p> <p>DM</p> <p>RM</p> <p>AT</p>
4	<p>Construction Update</p> <p>TJH presented an update on current and upcoming construction activities.</p> <p>Tunnel Portal – CC101:</p> <ul style="list-style-type: none"> ➤ Roof slab is almost finalised and should be complete this week ➤ Backfilling on top of the CC101 roof has commenced ➤ Installation of pre cast facade panels is underway ➤ Earthworks for the Federation Street busway stop are underway and construction of Bridge 501 continues ➤ Bulk excavation of Airport Link off ramp to Lutwyche Road is almost complete and underground fit out has commenced. Completion should be the end 	<p>AT</p>

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	<p>of September</p> <ul style="list-style-type: none"> ➤ The Lutwyche Road north and southbound alignments would be finalised in October ➤ Finalisation of the layout of new lanes, surfaces and signal installation at Northey Street intersection by the end of September. <p>Federation Street water line connection:</p> <ul style="list-style-type: none"> ➤ This will be the location of the water supply to the pump room and the supply to the underground fire tanks. ➤ Water connection is expected to start Thursday this week. ➤ Temporary removal of container stacks would be required for this connection. The containers will be replaced. <p>Bridges:</p> <ul style="list-style-type: none"> ➤ Busway Bridge 501 is almost complete, the deck slabs and parapets are in place. Work on the expansion joints has started. ➤ Lutwyche Road northbound to Airport Link Bridge 103 is almost complete, deck slabs and parapets are in place. Work on the expansion joints also underway. ➤ ICB to northbound Airport Link Bridge 105 is complete, with just the finishing touches of parapets and expansion joints to be finished. ➤ Backfilling is underway to construct the northbound APL onramp toward the tunnel portal ➤ Retaining wall construction is underway for the ramp southbound to the CLEM 7. ➤ ICB off ramp Bridge 111: Widening works are complete to tie in the Bridge 109 beams. ➤ Bridge 104 and Bridge 110 are structurally complete with street lights going in. ➤ All bridges should be ready for asphaltting by the end of September, weather depending. <p>Campbell Street, ICB and Airport Link Bridges:</p> <ul style="list-style-type: none"> ➤ ITS works are ongoing for signal and signage conduits ➤ Bridge 114b will be ties into Bridge 110 and should be asphaltted this week weather permitting. ➤ Bridge 114a is complete. ➤ Bridge 109 is almost complete with a tie in on the corner to be completed. ➤ Final beams will be installed this week, 2 were installed last night, 2 will be installed tonight then the last one tomorrow night will tie Bridge 104 into ICB. All of the super T girders will be in place by the end of the week. ➤ Asphaltting should be complete by the end of September / October 	

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	<ul style="list-style-type: none"> ➤ Street lights and gantry signs are starting to be installed. ➤ The installation of the final beam has been difficult due to the need for service relocations for BCC and the operation of CLEM 7. ➤ The use of Gate 9 will be reduced to on-site works only once the bridges are open. Tunnel access will be gained via the bridges. <p>Mechanical and Electrical Fit out:</p> <ul style="list-style-type: none"> ➤ Roadside architectural panels have been installed ➤ Roof smoke detection equipment scope has been installed <p>Cut and Cover Structures:</p> <ul style="list-style-type: none"> ➤ Pavements are been installed within the tunnel portal cut and cover structure. <p>Southbound Airport Link Off ramp to Inner City Bypass and Campbell Street</p> <ul style="list-style-type: none"> ➤ The area has been finalised and is ready for asphaltting ➤ Fire tanks will be installed in this area, under the ramp. <p>Service Relocations</p> <ul style="list-style-type: none"> ➤ Services works on Campbell Street, Mayne Road and Hamilton Place for electrical services installation and drainage ➤ Minor services and lighting works along Lutwyche Road continuing between Butterfield Street and Newmarket Road. ➤ Footpath upgrade on Lutwyche Road between Newmarket Road and Windsor Railway bridge continuing at night time ➤ Campbell Street road profiling and asphaltting will be done during night works <p>Questions and discussion:</p> <p>A CLG member asked about the location of a barrier wall near the creek. TJH advised a wall structure protects the VSO and tunnel from flooding. Part of the wall is formed by the southbound off-ramp to the ICB, the bridge and abutments form part of the barrier along with the curtain wall extending around to the east. The embankment will form part of the flood barrier. TJH outlined the location of the walls and flood bund on the aerial photo.</p> <p>A CLG member asked when work would be completed at the Campbell Street and Mayne Road intersection.</p>	<p>RM AT</p> <p>CA</p>

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	<p>TJH advised it should be the end of September when the majority of surface works in this area are complete, as well as the new signals. Installation of over-road gantry signs will continue into September and October.</p> <p>A CLG member asked if there would still be traffic control in place.</p> <p>TJH advised traffic control measures would be in place until the intersection is open fully. There may not be physical controllers in place but there will be some form of temporary control.</p>	<p>AT</p> <p>CA AT</p>
5	<p>Environment Update:</p> <p>TJH presented an update on environmental monitoring during the period</p> <p>Air Quality was monitored at the following locations with no exceedances:</p> <ul style="list-style-type: none"> ➤ 5 Morris Street <p>Dust Deposition was monitored at the following locations with no exceedances:</p> <ul style="list-style-type: none"> ➤ 5 Morris Street ➤ 11 Bryden Street ➤ Site office ➤ Mews Apartments ➤ 41 Campbell Street/Queensland Newspapers <p>TJH noted an exceedance appeared at QNP however this resulted from the bridge being built over the top of the gauge. When the bridge was water-blasted, dust particulates fell into the dust monitor.</p> <p>Noise monitoring was conducted at the following locations:</p> <ul style="list-style-type: none"> ➤ Mews Apartments - no exceedances were recorded <p>Vibration Monitoring was conducted at the following locations with no exceedances:</p> <ul style="list-style-type: none"> ✦ Queensland Newspapers <p>Questions and discussion</p> <p>No questions were raised for the Environmental Presentation.</p>	<p>CS</p>
6	<p>Community Relations Update</p> <p>TJH presented an update on Community Relations activities and notifications during the period 26 July – 22 August</p>	<p>DH</p>

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	<ul style="list-style-type: none"> ✦ 35 Complaints received from 24 Stakeholders <ul style="list-style-type: none"> ✦ Majority of complaints were about parking which TJH believes may have been caused by an increase in the workforce numbers. TJH continue to reinforce use of the Cartwright Street Car parks ✦ Site noise out of hours due to special circumstances work in the Campbell Street and Hamilton Place area was also an issue. ✦ 24 Enquiries received from 17 Stakeholders <p>Bowen Hills Community Relations Activities</p> <p>Throughout August the following notifications were distributed:</p> <ul style="list-style-type: none"> ✦ August Construction Updates ✦ August Night works update <p>Updates distributed to directly affected residents in:</p> <ul style="list-style-type: none"> ✦ Campbell Street for ICB off-ramp bridge works ✦ Campbell Street and Hamilton Place for night time electrical services works ✦ Federation, Gallway, Bryden and Morris Streets regarding opening of the Cedric Street intersection and street cleaning ✦ Bowen Hills Community Relations Activities ✦ Doorknock of residents regarding the hill-top park backfill operation commencing ✦ SMS notifications for temporary ICB off ramp closures ✦ Worker parking patrols of Federation Street, Gallway Street and Bryden Street ✦ Litter patrols and inspections of the Cartwright Street car parks ✦ Installation of additional barriers in the car parks to deter workers from driving on to the grassed areas ✦ Liaison with Campbell Street residents regarding mitigation for noise from road operation ✦ Coordination of detailed Street Cleaning with residents <p>Bowen Hills – Community notices</p> <p>TJH displayed notifications so that members could see what notices had been distributed to address concerns about the issuing of notices.</p> <p>Questions and discussion:</p> <p>A CLG member asked if further information about the new Lutwyche Road pedestrian crossing could be included in the next notification.</p> <p>TJH advised the pedestrian crossing opening was notified in the Cedric Street</p>	<p>RM</p> <p>DH</p>

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	intersection update but will mention it again in a future notification.	
8	<p>BrisConnections Update:</p> <p>CM presented some aerial photos of the Airport Link Worksites, noting the following points:</p> <p>Lutwyche/Windsor Area</p> <p>Mid tunnel access for travel up and down Lutwyche Road:</p> <ul style="list-style-type: none"> ✦ The tunnelling spoil shed has now been removed ✦ Work in this area is largely associated with construction of the busway ✦ The Lutwyche Bus Station towers have been installed ✦ Mechanical and electrical fit out is underway in the Busway tunnels ✦ Construction around the mainline tunnel exits at Kedron continue <p>Kedron Area</p> <ul style="list-style-type: none"> ✦ Kedron Brook Busway station works are underway ✦ Lutwyche Road has been moved over and the old road and bridge demolished for construction of the busway ✦ Bridge structures from the Airport Link tunnels to Gympie / Stafford Road underway ✦ Stafford Road intersection with Gympie Road is not yet in its final configuration, steel bridges have been erected and will connect back to concrete bridges that are to be built in next few months ✦ The Airport Link Operations Centre (ALOC) is on Stafford Road and will house CCTV monitoring, traffic control systems and maintenance crews. <p>Toombul Area:</p> <ul style="list-style-type: none"> ✦ TBM acoustic shed is still in position while fit out work is completed in the tunnel ✦ Beneath Sandgate Road the tunnel off ramp into the East West Arterial is progressing ✦ Large concrete jacking boxes have now been pushed under the railway. Final works are underway for the last section of cut and cover tunnel structure. This area will be backfilled and landscaped. ✦ A cricket oval will be laid where the TBM sheds are located once landscaping is complete <p>Former Airport Roundabout Area</p> <ul style="list-style-type: none"> ✦ Roads and flyover in this area are complete and operational 	CM

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	<p>Questions:</p> <p>A CLG member asked what the walls are for west of Sandgate Road. BrisConnections advised the walls are designed to protect the tunnel portal from inflows of water from a 1 in 10,000 year storm event. Screens on top of some of the walls are now going into place. The earthworks at Bowen Hills are also designed to protect the tunnels from a 1 in 10,000 year flood event.</p> <p>A CLG member asked where the busway ends north of Stafford Road. BrisConnections advised the tunnel portal for the busway ends near Somerset Road, Kedron south of the bowling alley. The busway is to be extended at a later date however is not part of this project. The busway tunnel continues a fair distance as the gradient has been designed to allow conversion of the busway to light rail in the future if required.</p> <p>A CLG member asked what the gradient of the roadway is BrisConnections advised the gradient was somewhere around 1.5-2% but would have to confirm.</p>	<p>CA</p> <p>CM</p> <p>RM</p> <p>CM</p> <p>CA</p> <p>CM</p>
10	<p>CNI Media Articles: Recent news articles were provided for members.</p>	AA
10	<p>Items for next meeting: Members to contact the facilitator with any questions for the next meeting</p>	
11	<p>Meeting closed at 6.45pm</p>	

Next Meeting:

Location: Airport Link Visitor Information Centre,
Centro Lutwyche Shopping Centre, Lutwyche Road.

Date: 27 September 2011

Time: 5:45pm

Bowen Hills

Construction Update

Andy Tuson – Area Manager Bowen Hills

23 August 2011

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Bowen Hills

Tunnel Portal (CC101) – August 2011



Bowen Hills



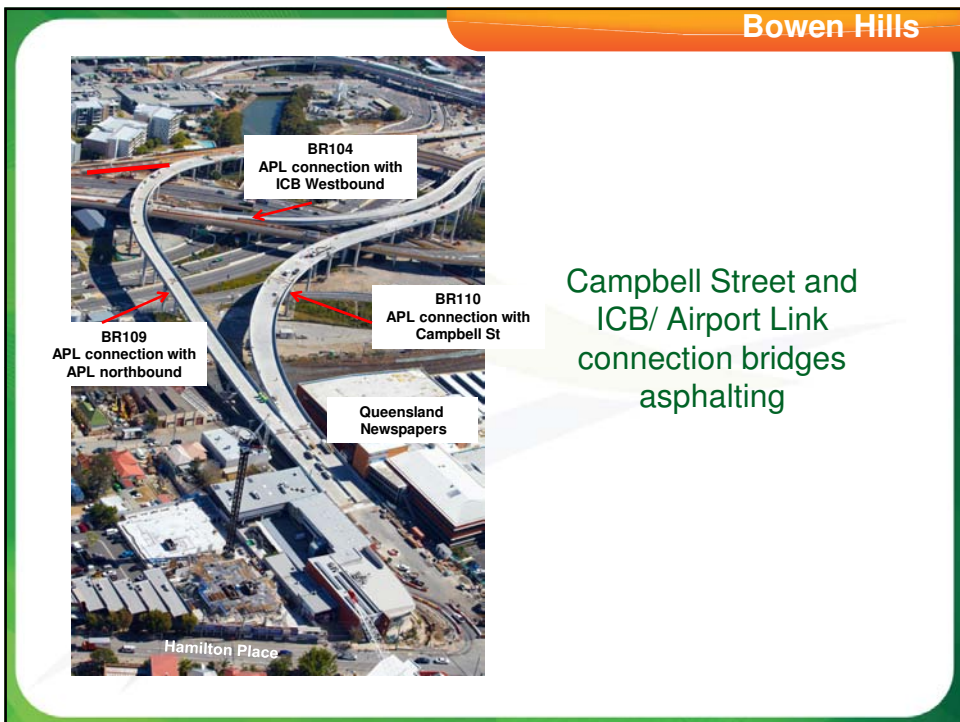
Cut and cover tunnel roof preparation for hill-top park backfill

Bowen Hills

Federation Street water line connection



- Queensland Urban Utilities undertaking work to connect water line to tunnel
- Temporary relocation of shipping container noise wall during work



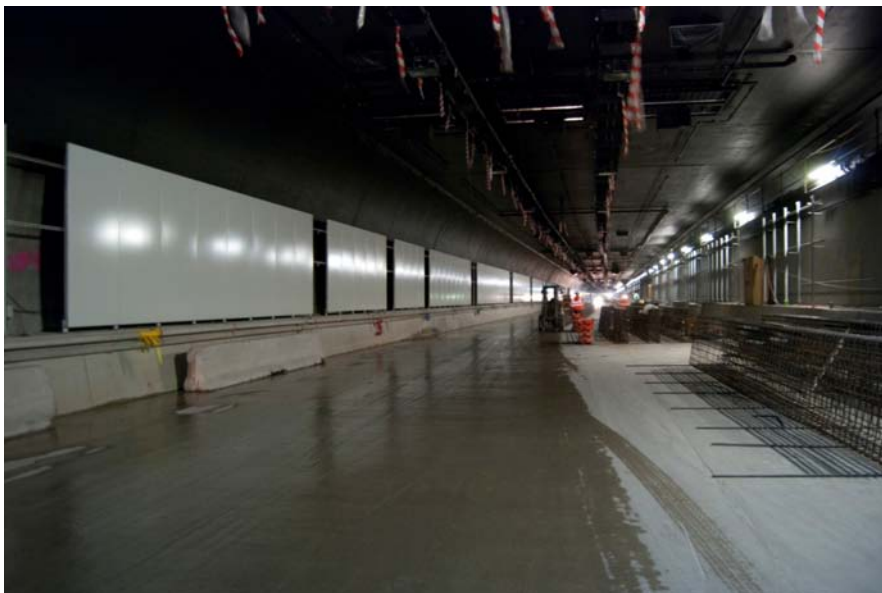
Bowen Hills



BR111
Northbound ICB/Lutwyche Rd
exit ramp and connection with APL

CLEM7 construction
jetty removal

Bowen Hills



Mechanical and Electrical fit-out of tunnels continuing

Bowen Hills



Installation of concrete pavements tunnel portal

Bowen Hills



Southbound Airport Link off-ramp to ICB and Campbell Street

Bowen Hills

Services Relocations and Night works

- Services works on Campbell St, Mayne Rd and Hamilton Place for electrical and ITS installation and drainage
- Minor services and lighting works along Lutwyche Rd continuing between Butterfield St and Newmarket Rd.
- Footpath upgrade on Lutwyche Rd between Newmarket Rd and Windsor Railway bridge continuing
- Campbell Street road profiling and asphaltting – night works



airportlink
northernbusway
Windsor to Kedron
airport roundabout upgrade



Queensland
Government

Bowen Hills

Environmental Update

Air Quality, Noise & Vibration Monitoring

Carol Smith – Environmental Coordinator

23 August 2011

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Bowen Hills

Community Relations Update

Daniel Hockey – Senior Community Liaison Officer

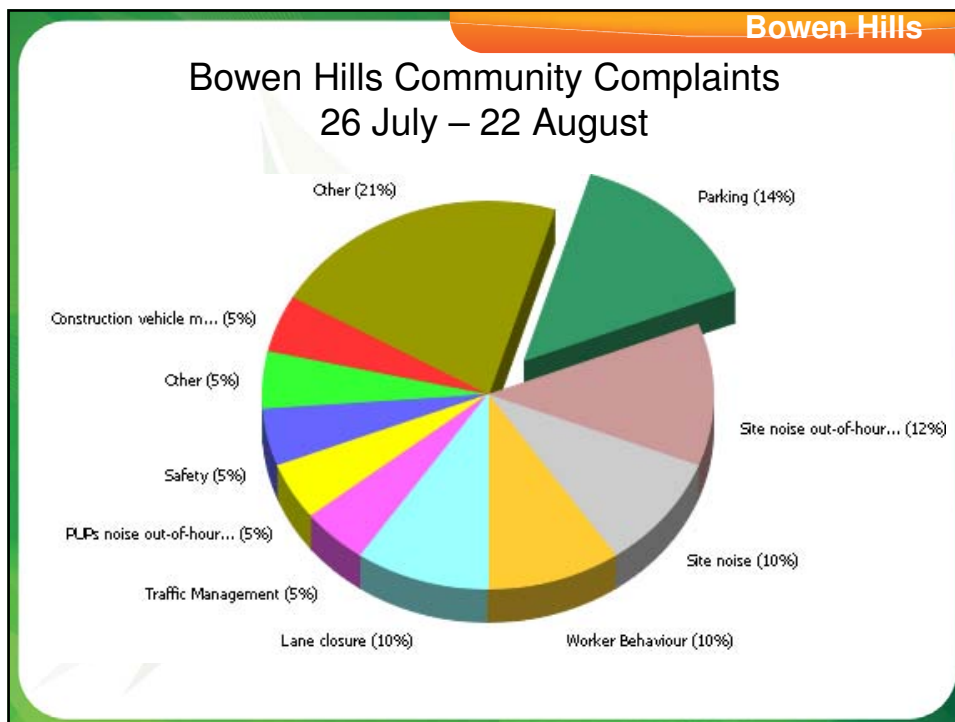
23 August 2011

smarter ways to move

Bowen Hills

Bowen Hills Community Feedback 26 July – 22 August

Community Feedback	Total for August	August Stakeholders	Total for July	July Stakeholders
Complaints	35	24	42	25
Enquiry/Issues	24	17	27	16



- Bowen Hills**
- ### Bowen Hills Community Relations Activities
- Throughout August the following notifications were distributed:
 - August Construction Updates
 - August – day and night works
 - Updates to directly affected residents:
 - Campbell Street and ICB off-ramp bridge works
 - Campbell Street, Hamilton Place electrical services works
 - Cedric Street intersection opening and street cleaning



Bowen Hills

Bowen Hills Community Relations Activities.. cont

- Doorknock Federation, Gallway and Morris St residents regarding hill-top park backfill operation commencing
- SMS notifications for temporary ICB off ramp closures
- Worker parking patrols Federation St, Gallway St, Bryden St
- Litter patrol and inspections of Cartwright Street car parks
- Installation of additional barriers in car parks
- Liaison with Campbell Street residents regarding mitigation for noise from road operation

BRISCONNECTIONS

airportlink
northernbusway
windsor to kedron
airport roundabout upgrade

THIASS

John Holland

Queensland Government

Bowen Hills

Local Media Articles

CNI

26 July 2011

smarter ways to move

Environmental Update

Air Quality, Noise & Vibration Monitoring

23 August 2011

Monitoring Locations



PM10 Monitoring Locations: ●
1. 5 Morris St

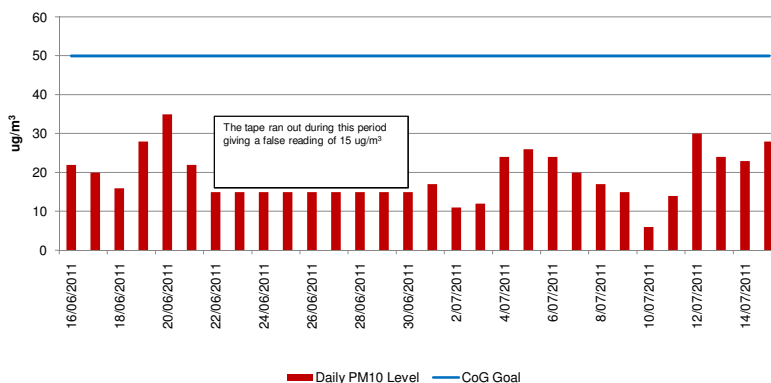
Noise (during construction) ●

Vibration ●

Dust Deposition Gauges: ●
1. 5 Morris St
2. 11 Bryden St
3. Site office
4. Mews Apartments
5. 41 Campbell St/QNP

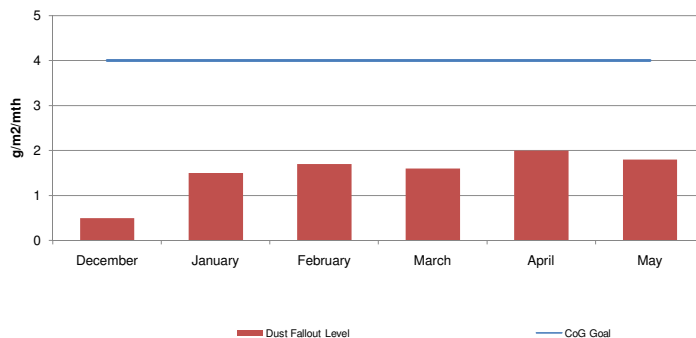
Air Quality Monitoring Results PM10 16 June to 15 July 2011

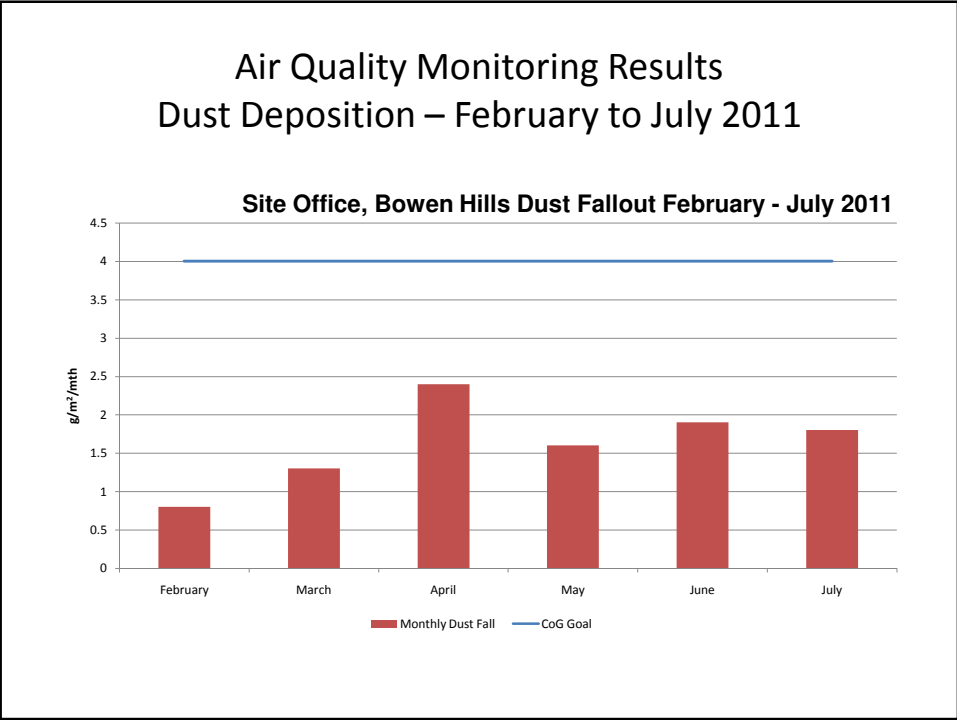
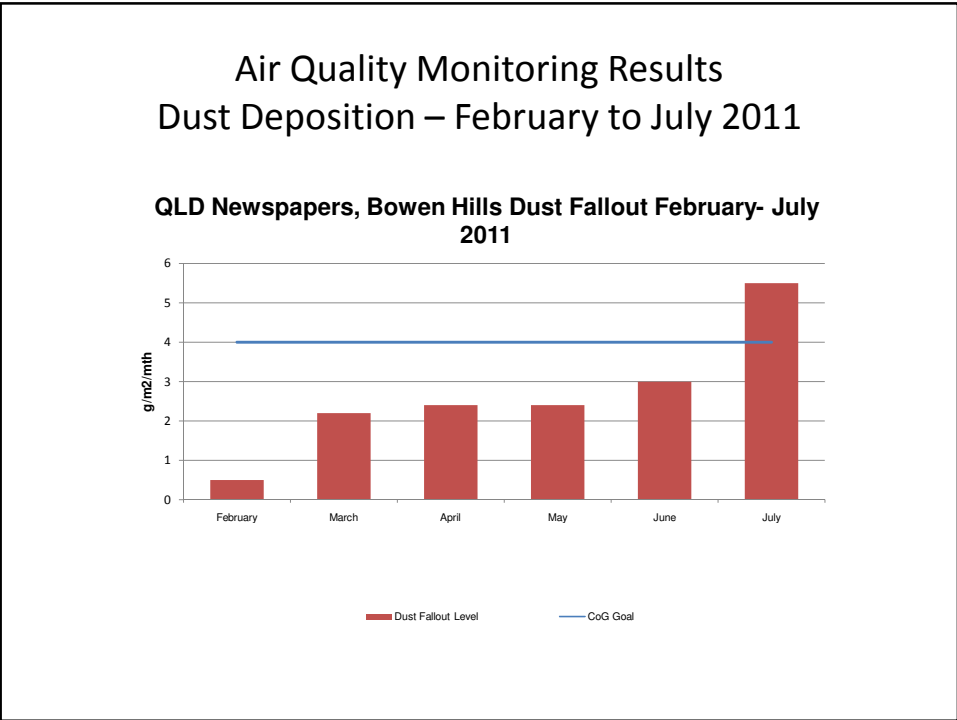
Figure 4.2.1
5 Morris Street, Bowen Hills PM10 Results

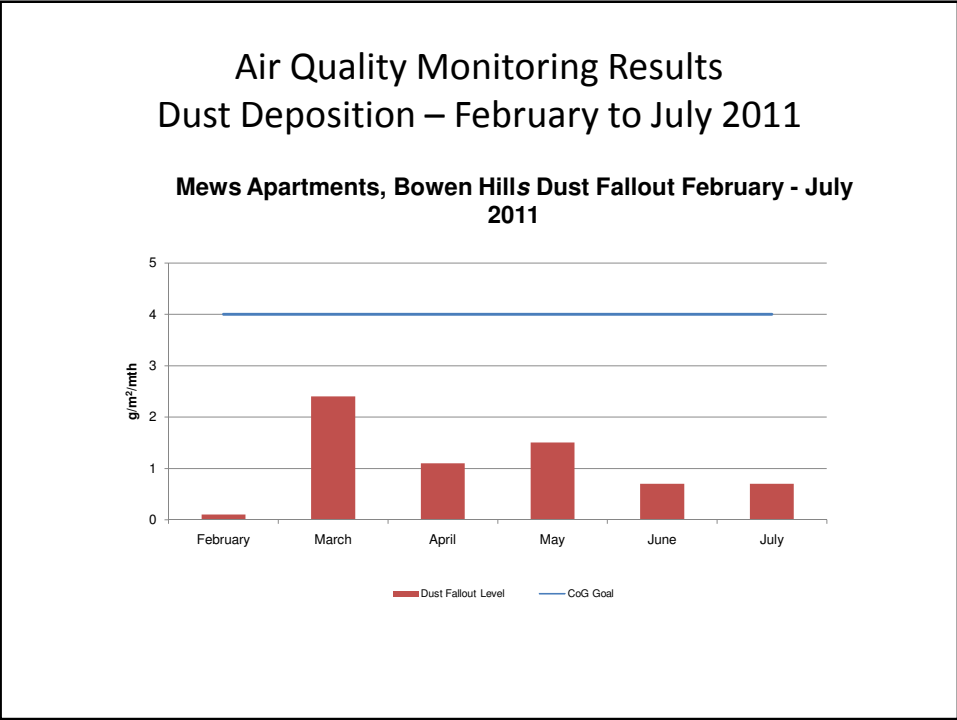
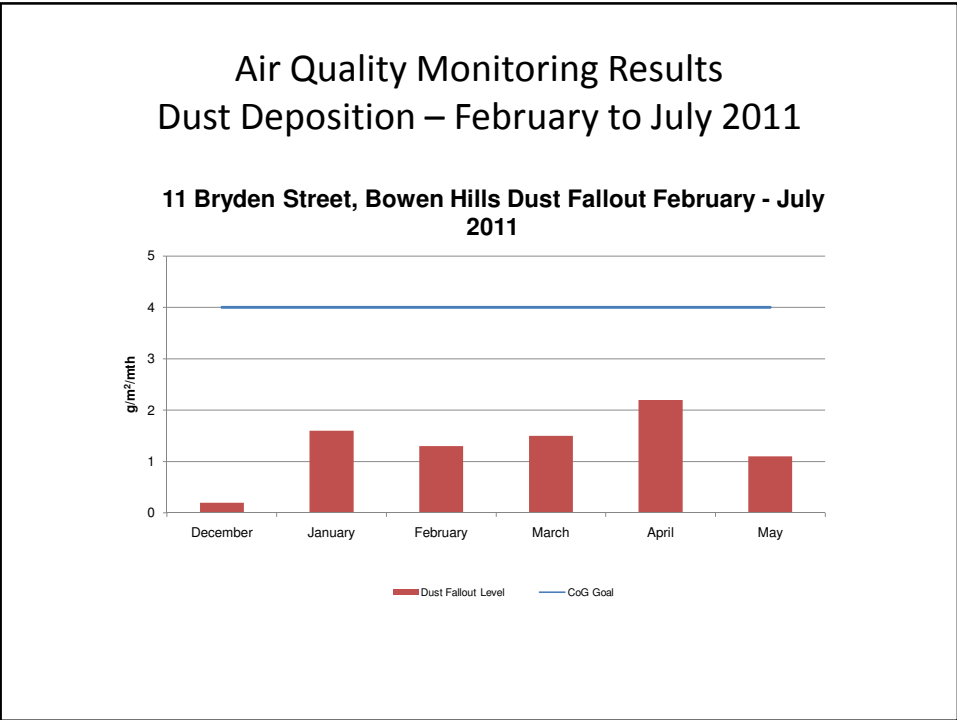


Air Quality Monitoring Results Dust Deposition – February to July 2011

5 Morris Street, Bowen Hills Dust Fallout February - July 2011







Noise Monitoring Results - Civils

Location	Monitoring Period	Average L_{Aeq} (15 min) (dBA)	CoG Goal L_{Aeq} (15 min) (dBA)	Average L_{Amax} (15 min) (dBA)	CoG Goal L_{Amax} (15 min) (dBA)	Comments
3402/141 Campbell Street, Bowen Hills (Mews Apartments)						
Front Bedroom	17/06/2011	44.6	40	48.9	50	<p>Monitoring Type Attended noise monitoring, doors and windows closed.</p> <p>Noise Sources TJH noise sources: metal-on-metal banging, bobcat, crane on adjacent bridge, workers voices and generators. Non-TJH noise sources: internal resident and water feature which ran constantly.</p> <p>Discussion L_{Aeq} CoG Goal was exceeded though sound readings were influenced by TJH and non-TJH sources. Making a determination of TJH noise levels against the CoG Goal is not possible.</p> <p>Additional Mitigation Measures Not required.</p>
Doors /Windows Closed	21:32am -1:47am					

Noise Monitoring Results - Civils

Location	Monitoring Period	Average L_{Aeq} (15 min) (dBA)	CoG Goal L_{Aeq} (15 min) (dBA)	Average L_{A10} (15 min) (dBA)	CoG Goal L_{A10} (15 min) (dBA)	Comments
3510/141 Campbell Street, Bowen Hills (Mews Apartments)						
Front Bedroom	23/06/11	32.8	45	33.8	55	<p>Monitoring Type Attended noise monitoring, doors and windows closed.</p> <p>Noise Sources TJH noise sources: Watercart generator and other generators, metal-on-metal bangs and a reverse squawker. The generator powering the watercart vibrated the trailer, causing an irregular rattling noise.</p> <p>Non-TJH noise sources: traffic on ICB, and various sources within the unit: a wall clock (ticked throughout the session, and residents' voices and a phone ring from an adjacent room).</p> <p>Discussion No CoG Goals were exceeded. Additional Mitigation Measures Not required, though enquiries to remove rattling noise made to prevent recurrence.</p>
Doors /Windows Closed	01:11pm – 01:26pm					

Vibration Monitoring

Location	Date of Monitoring when peak detected	Peak Particle Velocity (mm/s)	CoG Vibration Goal (mm/s)	Comments
Queensland Newspapers	17/05/11	4.64	10	Results are within CoG goals
	17/05/11	1.81	10	Results are within CoG goals
	26/05/11	1.90	10	Results are within CoG goals
	01/06/11	0.92	10	Results are within CoG goals
	23/06/11	1.46	10	Results are within CoG goals
	11/07/11	0.75	10	Results are within CoG goals
	12/07/11	0.19	10	Results are within CoG goals
	12/07/11	0.71	10	Results are within CoG goals
	13/07/11	1.21	10	Results are within CoG goals

Vibration Monitoring

Location	Date of Monitoring when peak detected	Peak Particle Velocity (mm/s)	CoG Vibration Goal (mm/s)	Comments
30 Federation	03/08/11 – 06/08/11	1.03	5	Results are within CoG goals.
	06/08/11 – 08/08/11	0.49	5	Results are within CoG goals.
	08/08/10 – 10/08/11	2.76	5	Results are within CoG goals.
	10/08/11 - 15/08/11	-	N/A	The monitor was faulty and has been sent away for repairs.
	15/08/11 - 19/08/11	1.08	5	Results are within CoG goals.