

MINUTES OF MEETING

Meeting Number 2

BRG	Airport Roundabout Business Reference Group				
Location:	Brisbane Airport Corporation Boardroom	Date:	7 December	Time:	2:00pm

Chaired By: Ruth Moody	Minuted by: Ruth Moody	Distribution Date: 8 December 09
-------------------------------	-------------------------------	---

<p>Attendees:</p> <p>Ruth Moody – TJH (RM), Rebecca Lenan – TJH (RL), Jacinta Fuller – TJH (JF), Tim Cunningham – TJH (TC), Lauren Diamond – CNI (LD), Nyree Feeney – The LCR Group, Marianne Hall – Muscular Dystrophy Association of Qld, Rick Carr – Muscular Dystrophy Association of Qld, Lawrence Sturgess – Australian Federal Police, Luke Carlyle – DFO.</p> <p>Apologies: NIL</p>

Distribution Method: Email

Item	Action	By Whom	By When
1.0	<p>Meeting opened:</p> <ul style="list-style-type: none"> • Welcome and introductions • Intention of these meetings – provide businesses with an update on work and a look-ahead at upcoming construction activities • Frequency – bimonthly but subject to change based on feedback and the amount of construction being undertaken • Minutes will be distributed via email and uploaded to the project website www.brisconnections.com.au 	RM	
2.0	<p>Construction update:</p> <p>Upcoming work activities – to Feb 09</p> <ul style="list-style-type: none"> • Construction of Gateway Motorway overpass <ul style="list-style-type: none"> ○ Installation of Super T bridge girders ○ Construction of bridge abutments – G/way Overpass ○ Complete northern approach ○ Final span of Super Ts installed ○ Pour deck spans, install edge parapets, construct pier crossheads ○ Remove falsework • East-West Arterial Flyover <ul style="list-style-type: none"> ○ Piling for East-West flyover ○ Pier construction for East-West flyover ○ Establishment of Pinkenba Precast Factory - to produce 436 precast box girders that will form the east-west flyover ○ Construction of western approach ○ Piling, pilecap and pier construction within Serpentine Road ○ Minor relocation of Serpentine Road access ○ Realignment of the left slip lane from East-West Arterial Road to Gateway Motorway North ○ Pavement work on northern side of Airport Drive in preparation for realignment of eastbound lanes • Traffic changes <ul style="list-style-type: none"> ○ East-West Arterial Road realignment ○ Ground improvement for widening of East-West Arterial Road ○ Realignment Gateway on/off ramps • Nudgee Road spoil handling facility <ul style="list-style-type: none"> ○ Ongoing site establishment work at the Nudgee Road spoil handling facility. Current activities include: 	TC	

MINUTES OF MEETING

Meeting Number 2

BRG	Airport Roundabout Business Reference Group				
Location:	Brisbane Airport Corporation Boardroom	Date:	7 December	Time:	2:00pm

Item	Action	By Whom	By When
	<ul style="list-style-type: none"> o Storage of TBM components o Construction of a shed for the spoil handling facility o Piling for footings of TBM spoil conveyor from Kalinga Park o Construction of a signalised intersection on Nudgee Road to facilitate construction vehicle movements o Delivery of the project's first Tunnel Boring Machine • Widening work – southern approach Gateway Motorway • Culvert extension – Hedley Avenue drain • Ongoing service relocations <p>Questions:</p> <ul style="list-style-type: none"> • Nil 		
3.0	<p>Environment Update: Key environmental issues</p> <ul style="list-style-type: none"> • Dust • Noise • Vibration • Wildlife and vegetation • Contaminated soils • Acid sulphate soils • Erosion and sediment prevention <p>Dust monitoring – goals and background</p> <ul style="list-style-type: none"> • Dustfall (depositional dust): <ul style="list-style-type: none"> o Goal: 4µg/m2/month (2µg/m2/month typical) • PM10 (respirable dust): <ul style="list-style-type: none"> o Goal: 50µg/m3 (24 hour average, 5 exceed/year) o Goal: 150µg/m3 (24 hour maximum) o 20-40µg/m3 typical in road-side locations o Dust storm 23-24 Sept: 460µg/m3 (CBD, hr max) <p>Dust controls</p> <ul style="list-style-type: none"> • Four water carts spraying recycled water & street-sweeper • Sealed haul road & site entrances • Sealing new section of road and landscaping at earliest opportunity • Use of street sweepers to pick up mud on the road • Ongoing monitoring <p>Dust, noise and vibration results – see tables at end of minutes</p> <p>Noise and vibration controls</p> <ul style="list-style-type: none"> • Eliminate noise • Day work vs night work • Maintain plant and equipment • Working hours 6.30am to 6.30pm • Substitute • Quieter equipment / construction methods (eg: piling) • Squawkers vs reversing beepers • Reduce Noise • Maintain plant and equipment • Use of two-way radios vs horns 	JF	

MINUTES OF MEETING

Meeting Number 2

BRG	Airport Roundabout Business Reference Group				
Location:	Brisbane Airport Corporation Boardroom	Date:	7 December	Time:	2:00pm

Item	Action	By Whom	By When
	<p>Other environmental improvements</p> <ul style="list-style-type: none"> • Clearance of Castor Oil & Chinese Elm weeds • Clearing up litter • Treating and re-using acid sulphate soils in area • Using recycled water • Recycle wastes off-site • Regular monitoring of Schulz Canal and other local waterways • Inspection by DPI and TJH of Fire Ants in the construction area <p>Questions: Nil</p>		
4.0	<p>Community relations update</p> <p>Key communication initiatives include:</p> <ul style="list-style-type: none"> • www.brisconnections.com.au • 24 hour community hotline (1800 721 783) • contactus@tjh.com.au • Business reference group • Community notifications <ul style="list-style-type: none"> ◦ Monthly construction updates and night work updates • Visitor information centre at Centro Lutwyche • SMS updates • Traffic changes, stoppages and detours • Email updates <ul style="list-style-type: none"> ◦ Traffic changes, notifications and construction report <p>Key issues raised – Oct to Dec:</p> <ul style="list-style-type: none"> • Dust • Business access • Out of hours construction noise • Service relocations – business impacts • Traffic changes – Nudgee Road • Bus stop relocations <p>Upcoming community relations activities:</p> <ul style="list-style-type: none"> • Ongoing meetings with businesses • Notifications • SMS / Email alerts • Project updates to business staff and tenants as required • Business reference group meeting – February <p>Questions: Nil</p>	RL	
6.0	<p>General business:</p> <ul style="list-style-type: none"> • BRG member commented that the construction of the footpath along East-West Arterial Road to the bus stop is a great improvement. <ul style="list-style-type: none"> ◦ TJH advised that we are still investigating solutions for access to the bus stop and more information will be provided when available. 		

MINUTES OF MEETING

Meeting Number 2

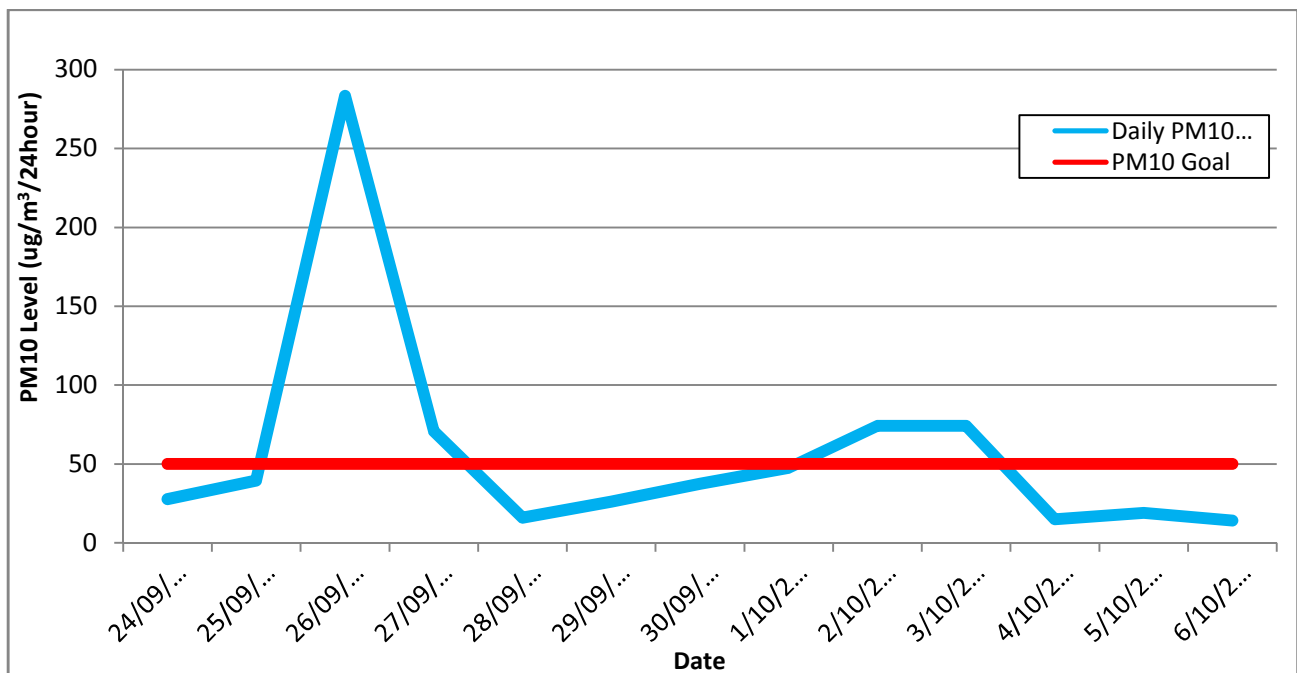
BRG	Airport Roundabout Business Reference Group				
Location:	Brisbane Airport Corporation Boardroom	Date:	7 December	Time:	2:00pm

Item	Action	By Whom	By When
6.0	Next meeting: <ul style="list-style-type: none"> Next meeting to be held in March/February. Invitations will be sent out in advance. 	RM	

Dust monitoring results – September to November 2009

Location	Dust Fallout Goal (g/m ² /mth)	Dust Fallout (g/m ² /mth)	
		Total Insoluble Matter	Ash Content
Budget Airport Parking 5/09/09 – 6/10/09	4	2.5	2.2
Millbrook Estate 5/09/09 – 6/10/09	4	2.7	2.1
CASA Building 30/09/09 – 31/10/09	4	2.5	1.8
Budget Airport Parking 6/10/09 – 9/11/09	4	3.5	2.7
Millbrook Estate 6/10/09 – 9/11/09	4	2.7	2.4

PM10 average daily results - Laminex Factory September to October 2009

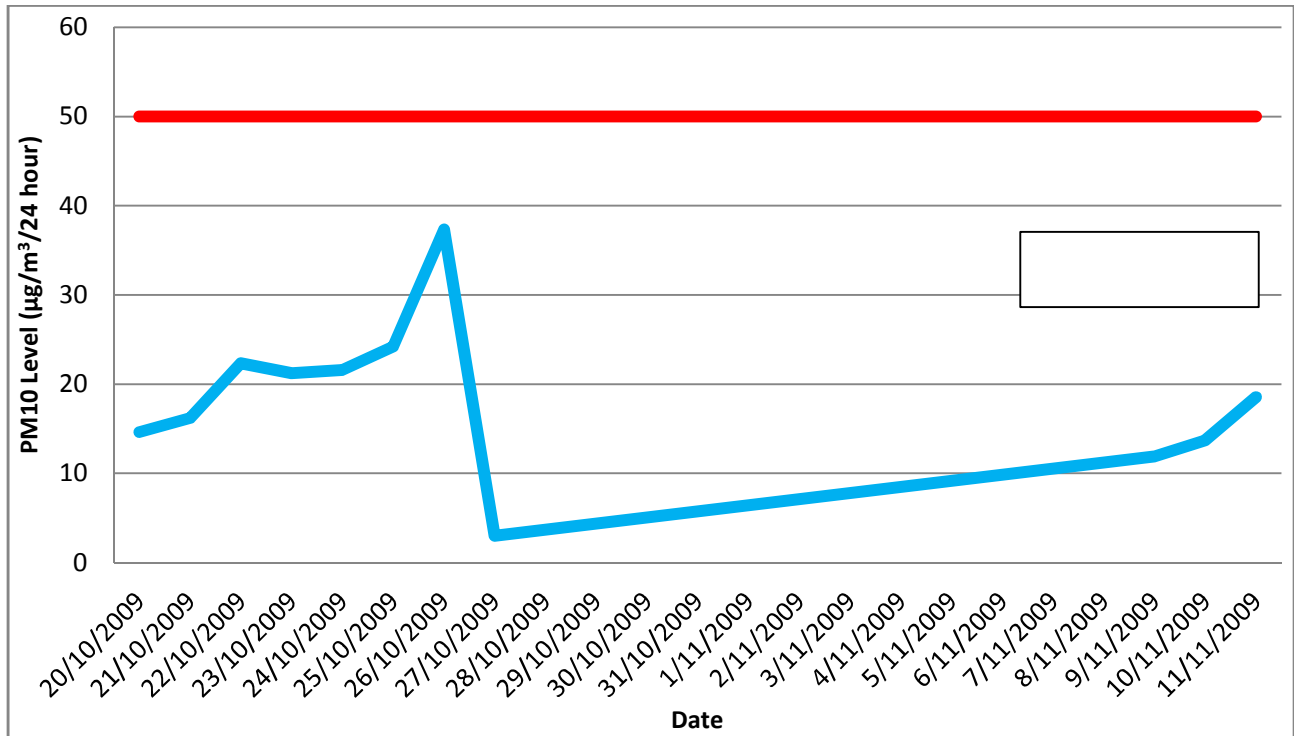


MINUTES OF MEETING

Meeting Number 2

BRG	Airport Roundabout Business Reference Group				
Location:	Brisbane Airport Corporation Boardroom	Date:	7 December	Time:	2:00pm

PM10 average daily results - East Coast Car Rentals October to November 2009



Noise monitoring – Formule 1 Hotel Hendra

Location	Monitoring Period	Average L _{Aeq} (15 min) (dBA)	EAR Goal L _{Aeq} (15 min) (dBA)	Average L _{A10} (15min) (dBA)	EAR Goal L _{A10} (15min) (dBA)	Average L _{Amax} (15 min) (dBA)	EAR Goal L _{Amax} (15 min) (dBA)	Comments
Formule 1 Hotel (External)	Pre-construction monitoring	68		70				
Formule 1 Hotel (External)	Tues 3/11/09 1:45 – 2:01 pm	72.8	50 (73.2) ^a	72.2	60 (82.6) ^a	88.3	N/A	Removal of sheet piles and use of an excavator. Other noise sources general traffic and non-TJH trucks.
Formule 1 Hotel (External)	Tues 3/11/09 2:22 – 2:37 pm	74.8	50 (73.2) ^a	73.4	60 (82.6) ^a	91.0	N/A	Removal of sheet piles and use of an excavator. Other noise sources general traffic and non-TJH trucks.
Formule 1 Hotel (Internal)	Tues 3/11/09 1:45 – 2:01 pm	50.6	50	50.3	60	64.1	N/A	Removal of sheet piles and use of an excavator. Other noise sources general traffic and non-TJH trucks.
Formule 1	Tues 3/11/09	51.2	50	50.5	60	64.3	N/A	Removal of sheet piles

MINUTES OF MEETING

Meeting Number 2

BRG	Airport Roundabout Business Reference Group				
Location:	Brisbane Airport Corporation Boardroom	Date:	7 December	Time:	2:00pm

Hotel (Internal)	2:22 – 2:37 pm							and use of an excavator. Other noise sources general traffic and non-TJH trucks.
Formule 1 Hotel (External)	Wed 4/11/09 12:10 – 12:26 am	65.8	40 (63.3)a	66.3	N/A	74.4	50 (75.5)a	Installation of CMC piles for ground improvement. Other noise sources general traffic and non-TJH trucks.
Formule 1 Hotel (External)	Wed 11/11/09 10:36 – 10:52 pm	68.8	40 (63.3)a	69.4	N/A	83.5	50 (75.5)a	Installation of T-beams on bridge 2 and removal of a median on the Gateway off-ramp.
Formule 1 Hotel (External)	Wed 11/11/09 11:00 – 11:16 pm	68.7	40 (63.3)a	69.5	N/A	83.5	50 (75.5)a	Installation of T-beams on bridge 2 and removal of a median on the Gateway off-ramp.
Formule 1 Hotel (External)	Wed 11/11/09 11:21 – 11:37 pm	69.4	40 (63.3)a	70.1	N/A	90.3	50 (75.5)a	Installation of T-beams on bridge 2 and removal of a median on the Gateway off-ramp.
Formule 1 Hotel (External)	Wed 11/11/09 11:55 pm – 12:11 am	67.3	40 (63.3)a	67.8	N/A	85.2	50 (75.5)a	Installation of T-beams on bridge 2 and removal of a median on the Gateway off-ramp.
64 The Promenade (external)	Mon 28/09/09 8:56-9:11 pm	50.7	50	51.0	N/A	66.4	60	Use of an excavator. Other noise sources general traffic and wind in the trees.
64 The Promenade (external)	Mon 6/10/09 4:11 – 4:26 pm	59.9	-	60.4	65	70.4	-	Use of an excavator and trucks. Other noise sources general traffic, trains and local wildlife.
64 The Promenade (internal)	Mon 6/10/09 4:12 – 4:27 pm	38.3	45	39.1	55	50.8	-	Use of an excavator and trucks. Other noise sources general traffic, trains and local wildlife.
64 The Promenade (external)	Mon 6/10/09 4:30 – 4:45 pm	58.9	-	59.3	65	69.6	-	Use of an excavator and trucks. Other noise sources general traffic, the wind and local wildlife.
64 The Promenade (internal)	Mon 6/10/09 4:31 – 4:46 pm	37.0	45	37.7	55	54.9	-	Use of an excavator and trucks. Other noise sources general traffic, the wind and local wildlife.
64 The Promenade (External)	Wed 4/11/09 12:36 – 12:51 am	55.9	40 (61.9)a	55.0	N/A	77.1	50 (69.6)a	Installation of CMC piles for ground improvement. Exceedance caused by general traffic, frogs and cicadas
Hedley Avenue (external)	Pre-construction monitoring	46				54		
Hedley Avenue (external)	Mon 28/09/09 9:29 – 9:44 pm	43.0	50	42.8	N/A	72.1	60	Use of an excavator. Other noise sources general traffic, trains, planes and wind in the trees.
Wattle St	Mon 28/09/09	43.1	50	43.2	N/A	51.9	60	Use of an excavator.

MINUTES OF MEETING

Meeting Number 2

BRG	Airport Roundabout Business Reference Group				
Location:	Brisbane Airport Corporation Boardroom	Date:	7 December	Time:	2:00pm

(external)	9:54 – 10:12 pm						Other noise sources general traffic, trains, planes and wind in the trees.
------------	-----------------	--	--	--	--	--	--

Vibration monitoring – Formule 1 Hotel Hendra

Date / Time Range	99 th Percentile Peak Particle Velocity (mm/s)	Peak Particle Velocity EAR Goal (Human Comfort) (mm/s) ^a	Peak Particle Velocity EAR Goal (Building Structures) (mm/s) ^b	Comments
Wed 16/09/2009 4.09pm to Sat 19/09/2009 6.04am	1.24	0.8	15	Piling at the southern abutment of Bridge 2 during day-time approx 30m from Formule 1 Hotel.
Tues 29/09/2009 7.25am to Thurs 1/10/2009 3.31pm	0.31	0.8	15	Piling during day-time at the northern abutment approx 70m from Formule 1 Hotel.

Vibration monitoring – Kmart Distribution Centre

Date / Time Range	99 th Percentile Peak Particle Velocity (mm/s)	Peak Particle Velocity EAR Goal (Human Comfort) (mm/s) ^a	Peak Particle Velocity EAR Goal (Building Structures) (mm/s) ^b	Comments
Tues 6/10/2009 12.11pm to Thurs 8/10/2009 12.14pm	0.61	0.8	15	Preconstruction data collection
Tues 3/11/2009 10:25 am to Sun 8/11/2009 1:20am	2.52	0.8	15	Piling north of the monitor for pier 1 and 2 and abutment A of Bridge 1.
Tues 10/11/2009 4:28 pm to Sun 15/11/2009 7:23 am	3.43	0.8	15	