

# MEETING MINUTES



MINUTES OF: Arrow Surat Community Reference Group  
 HELD AT: USQ Toowoomba  
 DATE: 14/06/2012  
 COMMENCEMENT TIME: 9:30am

<b>PRESENT:</b>	ATTENDEES: Ilan Hayllor, Graham Clapham, Simon Gossman (Guest), Sarah Delahunty, Wally Kearnan, Tony Knight, Ray Jamieson, Bill Date, Leisa Elder, Anna Stephenson, Marie- Louise Offner, Geoff Hewitt
	MINUTES: Sarah Delahunty
	APOLOGIES: Paul Antonio, Charlene Hall, Sarah Due, Chris Ward
<b>CHAIR:</b>	<b>Leisa Elder, Vice President Community and Sustainable Development</b>
<b>DISCLOSURES</b>	No disclosure.

		ACTION
<b>ITEM 1</b>	<b>SAFETY MOMENT</b>	
	Bill Date presented safety moment on the importance of being familiar with any piece of machinery before using it.	
<b>ITEM 2</b>	<b>Minutes of previous meeting</b>	
	Amendment noted to the previous minutes: Discussion point: <ul style="list-style-type: none"> <li>IH noted that the APPEA presentation stating the ongoing impact on farms being the 10m x 10m well pad is not accurate and needs to be changed to reflect the 70x70m compensational area.</li> </ul>	<b>SD will add Minutes to the web site</b>
<b>ITEM 3</b>	<b>Update of Actions</b>	
	<ul style="list-style-type: none"> <li>WK- Minister looking into existing policy but for now the previous policy will remain in place.</li> <li>LE – replacement members for Toowoomba Regional Council, ALFA and APPEA have been approached to join committee.</li> </ul> Discussion points: <ul style="list-style-type: none"> <li>Gasfield commissioner would like to be kept informed of the committee's discussions and outcomes.</li> </ul>	
<b>ITEM 4</b>	<b>EIS Update</b>	
	Presentation by Gerard Coggan Key points: <ul style="list-style-type: none"> <li>52 Submissions received (more expected)</li> <li>Arrow will request more time than the given 20 days to respond.</li> <li>Response will be by a supplementary report.</li> </ul> The following points were discussed and noted: <ul style="list-style-type: none"> <li>IH would like to see a simple flow chart to represent the EIS process – from EIS to gas well on property.</li> <li></li> </ul>	<b>GC will develop a flowchart for members that represents EIS process</b>
<b>ITEM 5</b>	<b>Exploration Update</b>	
	Key points <ul style="list-style-type: none"> <li>Working towards a mitigated waste management strategy</li> <li>Arrow aim to have pitless drill fleet across all drill sites</li> <li>Ongoing plug and abandon (P&amp;A) program in place.</li> </ul> The following points were discussed and noted: <ul style="list-style-type: none"> <li>IH would like to see evidence of science behind P&amp;A process</li> <li>IH the potential for sharing and using the information gathered during seismic work</li> <li>GC requested to see a cross section of a P&amp;A well.</li> </ul>	<b>CB will provide information on p&amp;a process CB will provide the tools and data</b>

		collection program in regard to connectivity at the next meeting. CB will provide a cross section of a p&a well.
<b>ITEM 6</b>	<b>Tenure update.</b>	
	<p>Key points</p> <ul style="list-style-type: none"> <li>• Exploration (including seismic) helps determine areas that can be relinquished</li> <li>• Exploration coming to an end in ATP676 and expected relinquishments will be public by end of 2012</li> </ul> <p>The following points were noted and discussed:</p> <ul style="list-style-type: none"> <li>• Work is being done with Origin to understand the gas release that has occurred along the Condamine river</li> <li>• GC - gas release is a natural occurrence but Arrow need to realise what increases (if any) our activities will have on this event.</li> <li>• GC - affected water bores in the relevant area near the Condamine river gas release also need to be monitored.</li> </ul>	
<b>ITEM 7</b>	<b>Water Activities</b>	
	<p>Key points</p> <ul style="list-style-type: none"> <li>• Irrigation at Theten to start mid July.</li> <li>• 155 landholders contacted to access bores- majority happy to participate in study</li> <li>• 15 bores identified by QWC as potentially effected - 'make good' steps in place now to address concerns</li> </ul> <p>The following points were discussed and noted:</p> <ul style="list-style-type: none"> <li>• LH opportunity to measure water that is going into dam v's what is coming out for use – giving an indication on amount of water that is being extracted and final amount that can be beneficially used.</li> <li>• GC impaired capacity should not just be limited to a reduction in water but also to include the migration of gas into the bore.</li> <li>• Arrows 'make good' not limited to project life.</li> </ul>	<p><b>SG will discuss groundwater monitoring with the Central Downs Irrigators group.</b></p> <p><b>SG will follow up water quality changes testing conducted along the Condamine</b></p>
<b>ITEM 8</b>	<b>Development Trials</b>	
	<p>Key points</p> <ul style="list-style-type: none"> <li>• Surat Tec park looking at changes to well pad design, drilling techniques, well pumps, and automated instrumentation and controls.</li> </ul> <p>The flowing points were discussed and noted:</p> <ul style="list-style-type: none"> <li>• Changes to well pad potentially increases spaces to 1.5 km</li> <li>• GC trials seem to be a positive step however they are not addressed in the EIS and that is what submissions are against.</li> <li>• The value of sharing this information with groups and community</li> </ul>	<p><b>LE will look at tour to view trials</b></p> <p><b>SD will make drilling trial slide available to members</b></p> <p><b>SD will develop a meeting brief that can be used for members to share with groups they represent.</b></p>
<b>ITEM 9</b>	<b>Any other Business</b>	
	<p>The following points were discussed and noted:</p> <ol style="list-style-type: none"> <li>1. TK addressed recent inaccurate reports in the media regarding the production of salt.</li> <li>• Arrow alone will produce 3.3-6.4mil tonne of salt through life of project</li> <li>• EIS addressed two disposal options – Storage (not preferred) and Beneficial Use.</li> <li>• Potentially up to 90% of salt is recoverable and can be used for table salt, pot and soda ash</li> <li>• 4-6 truck movements per day</li> </ol>	<p><b>GC to look at wording in the EIS to reflect that storage is not the preferred option.</b></p> <p><b>CC to give a Theten BU water update at next meeting.</b></p>

	<ol style="list-style-type: none"><li>2. GH would like an update on Theten- any changes to government water application.</li><li>3. New members have been approached to attend meeting</li><li>4. Flaring wells: part of the process with pilot testing of wells and can typically last up to 2 years.</li></ol>	<b>BD will look at a suitable government representative from the Environment department to attend meetings</b>
<b>ITEM 13</b>	NEXT MEETING	
	Thursday 9 <sup>th</sup> August –(venue TBA)	
<b>ITEM 14</b>	CLOSE	
	12:20pm	

There being no further business, the meeting was closed at 9:30am

CONFIRMED AS A TRUE AND CORRECT RECORD.

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Chairman