

MEETING MINUTES



MINUTES OF: Arrow Intensively Farmed Land Committee
 HELD AT: Toowoomba USQ
 DATE: 4 August 2011
 COMMENCEMENT TIME: 9.30am

PRESENT:	ATTENDEES: Darren Stevenson, Mike Ward, Rod Williams, Julian Leonard, Melita Keast, Stuart Armitage, Carey Bradford; Ed Curl; Wayne Newton; Jamie Grant; Jeff Bidstrup MINUTES: Maryann Bright APOLOGIES: Brett Porter; Charlie Mort; John Cameron
CHAIRMAN:	Darren Stevenson
DISCLOSURES	

		ACTION
ITEM 1	Safety Moment Darren Stevenson discussed driver awareness regarding vehicles travelling slowly when exiting from Parking Lots.	
ITEM 2	Minutes of Previous Minutes The minutes of the previous meeting were accepted and approved and will be available on the internet site. The following points were noted from the previous meeting agenda items: <ul style="list-style-type: none"> • Item 4: Feedback from non Arrow Members of Community Consultation Session (May 2011): Darren Stevenson acknowledged that not all questions can be answered at Consultation Sessions however Arrow does welcome any feedback and will use the feedback to improve future sessions. • Item 5: Review of Proposed Pipeline Construction Standard Work Practice: Darren Stevenson requested feedback from all members. In addition, a register of all impacts on intensively farmed land by proposed CSG operations will be created, and this committee will work through the proposed mitigation measures for the impacts identified. • Item 6: Desktop Development Case Studies: ongoing. 	Committee members to forward feedback to Darren Stevenson
ITEM 3	Review Amendments to Committee Terms of Reference (TOR) Darren Stevenson discussed the revised 'Draft' TOR (refer handout) and updated the members on the following changes: The resignation of the following Arrow members: Bryan O'Donnell; Jason Schroder; and Caoilin Chestnutt Darren Stevenson to be elected as Chairman and Mike Ward as Deputy. The following Arrow personnel to be added to the committee as members: Mike Ward (Deputy Chairman) Ed Curl Carey Bradford; and Rodney Williams The following resignations from non Arrow members: Jan Lafrenz; Dave Armstrong; and Graham Clapham	Darren Stevenson to revise and reissue a Version controlled TOR for members to review and agree upon at next meeting.

The following Landholder to be elected to the committee:

- Brett Porter

Meetings are now scheduled bimonthly on Thursdays and alternatively between Dalby and Toowoomba.

All agreed the above changes to be accepted by circular.

Jeff Bidstup queried Item 8.4 and advised

'Co-create a plan for areas which allow coal seam gas development to co-exist on intensively farmed land' to be amended to the original issued TOR; and proposed that it be changed to:

'Co-create a plan for areas which could allow coal seam gas development to co-exist on intensively farmed land'

Noted and agreed the Draft TOR issued by email on 03082011 for approval at the meeting was an earlier unapproved version. Action: Darren Stevenson to amend and reissue a version controlled TOR for members to review and approve.

Stuart Armitage queried Item 3.6 of the TOR

'or cease being an area landholder' and advised that landholders from his area are not happy with John Cameron being part of the committee.

Darren Stevenson advised that John Cameron may have been bought into the committee for his expertise from the region. All agree to keep current members until revised time of voting in October 2011.

ITEM 4 Drilling Technology Presentation

Combined presentation from Mike Ward with the Arrow Surat Community Reference Group (refer handout from Mike Ward).

ITEM 5 Program for Readiness to Drill a Core Hole on IFL

Combined presentation from Cary Bradford with the Arrow Surat Community Reference Group (refer handout from Carey Bradford).

ITEM 6 Update on Desktop Development Case Studies

Darren Stevenson thanked Stuart Armitage for preparing the map (refer handout). The following points were noted and discussed:

- Map displayed the land likely to be impacted by possible CSG operations.
- Committee members discussed well locations and the possibility of moving wells to areas of the land to minimise the impact on farming operations i.e. move from the middle of a paddock into the top corner of dam etc.
- Darren Stevenson discussed the yellow zones (wells) and noted that there are options such as reducing the number of wells slightly, or relocating wells, to reduce the impact of wells and infrastructure on agriculture.
- Darren Stevenson discussed the green zones (pipeline corridors) and advised Arrow does not yet have a firm engineering solution to wrap head-ditches around wells, therefore these drawings indicate a larger area would be lost to realign the head ditch "inside" the well. Action: Arrow to undertake engineering work to see if an opportunity exists to avoid complete reconfiguring of irrigation infrastructure.
- Fluming (moving water onto paddocks using pumps and pipes) was discussed by the committee and the difficulties that have been associated with this in the past.
- Stuart Armitage noted that the wells on the boundary do not impact irrigation like the internal wells and also discussed appropriate locations for gravel roads.
- Discussed pipelines and the issues if they are driven over. Also discussed maximum depth and black soil. Darren Stevenson advised that pipelines are required to be designed to take these issues and other risks into account.
- Darren Stevenson advised that closer work and case studies will be undertaken in due course as will risk assessments of infrastructure and type of machinery and soil buoyancy i.e. when soil is saturated.

Arrow to undertake engineering work to see if an opportunity exists for pumps and PPE and the practicality for this.

- Jeff Bidstrup queried timeframe that landholders are signing for i.e. 40 years. Rod Williams advised this would depend on life of tenement. Jeff Bidstrup queried if new technology could extend the life of a well.
- Carey Bradford advised that studies are being done on other ways of extracting gas however there is no new technology available at this stage that he is aware of that would extend the life of CSG wells
- Jeff Bidstrup and Stuart Armitage advised their concerns with signing for a period of 25 or 40 years with the issues associated with land value etc and agreed they would not consider signing without a review process.
- Gerard Goggan advised that agreements are quite specific in that if Arrow wanted to conduct "new" activities then there would need to be a formal review of the agreement, which the landowner would have the right to approve or not. Action: Darren Stevenson to consider how to incorporate concerns of landowners that they may be prevented to incorporate unforeseen changes in their farming practices by the CSG operations. Darren Stevenson advised there is at least a few years to work through and resolve these types of issues before Arrow commenced large-scale production drilling.
- Wayne discussed how the impacts and mitigations of CSG operations on dry land farming would be different from the irrigated farming. Darren Stevenson noted that he understands this to have quite a significant impact and advised that when Jonny Shirley returns in October he will commence working on this with the landholders.
- Darren Stevenson advised he will forward Stuart Armitage's map to Arrow's drafting team for mark ups.
- Stuart Armitage questioned specifications for burning off on a field. Rod Williams advised that Arrow will keep clear a zone 30 x 30 around the well site.
- Julian Leonard questioned Stuart Armitage what the financial impacts to his business would be from the indicative CSG development (as per the conceptual layout). Stuart advised that loss of farming land is the big issue, plus worry and grief, and noted that compensation figures are not good enough and discussed issues regarding property sales and impact on compensation figures for the sale.
- Landholders discussed issues with their land and some wells being a major problem to them; in the past they have gone to the extent of removing good sheds to improve farm operations, therefore are very sensitive to well location.
- Darren Stevenson advised that on Jonny Shirley's return they will be starting an impacts register and will report regularly on progress of proposed mitigations.
- Mike Ward suggested that Arrow commence preparation of the risk assessments for future works to understand the magnitude of the problems.

Darren Stevenson to work on current agreements for landowners when their working circumstances change on their land.

ITEM 7 Feedback on Proposed Pipeline Construction Standard Work Practice for IFL

- Darren Stevenson asked the committee if there was any feedback regarding the procedure and advised that issues will be dealt with as and when they arise.

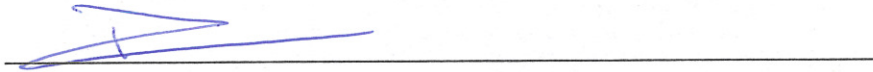
ITEM 8 Other Business

- Jeff Bidstrup requested meeting material and meeting locations need to be communicated to the committee at least one week prior to the meeting for their planning purposes.
- Landholders questioned if the current three hour meeting timeframe is meeting objectives and if outcomes are being achieved. Landholders requested a longer meeting, possibly starting the meeting earlier and that they would like to contribute to the agenda.
- Landholders requested a presentation on the life of CSG and how the agreements work.
- Jeff Bidstrup raised the issue of personnel driving on their properties and possible issues that could arise as landholders families can be driving around on their land, and their grandchildren or children could be playing on the land as well i.e. could there be blue cards issued as a precautionary.
- Jeff Bidstrup questioned if there could be a log in and log out type arrangement or if there could be some type of communication of people visiting their land. Darren Stevenson advised that in construction stage this sort of arrangement has been used before.

Item 9	Next Meeting	
	Scheduled for Thursday October 6 th in Dalby.	

There being no further business, the meeting was closed at 12.00pm.

CONFIRMED AS A TRUE AND CORRECT RECORD.



Chairman