

# Narrabri Gas Project CCC - Meeting # 23

## 14 March 2017

<b>Date/Time:</b>	Tuesday 14 March 2017, 11.00am – 2.00pm	
<b>Location:</b>	Narrabri RSL, 7 Maitland Street Narrabri	
<b>Attendees:</b>	Jock Laurie – Land and Water Commissioner (Chair) Cr Ann Loder – Narrabri Shire Council Cr Ron Campbell – Narrabri Shire Council Jack Warnock – Lower Namoi Cotton Growers Association Jocelyn Cameron – Country Women’s Association Russell Stewart – Narrabri Chamber of Commerce Tony Pickard – People for the Plains Lynn Trindall – Narrabri Local Aboriginal Land Council Matt Norrie – NSW Farmers Steve Carolan – Namoi Water (Proxy)	Lindsay Fulloon – Environment Protection Authority Carmen Dwyer – Environment Protection Authority Addy Watson – Environment Protection Authority Bridie George – Environment Protection Authority Nick Butler – Division of Resources and Energy Peter Mitchley – Santos Neale House – Santos Annie Moody – Santos
<b>Guests:</b>	Dr Michael Hatch – University of Adelaide Joshua Gilroy – Santos	
<b>Apologies:</b>	Conrad Bolton – North West Local Land Services Jon-Maree Baker – Namoi Water	
<b>Meeting Chair:</b>	Jock Laurie	
<b>Secretariat:</b>	Annie Moody	
<b>Agenda Item</b>	<b>Discussion/Outcomes</b>	<b>Action</b>
<b>General Business</b>	<ul style="list-style-type: none"> <li>• Chair provided an overview of community information sessions held by the Department of Planning and Environment in the previous week to provide information on the Narrabri Gas Project EIS process.</li> <li>• Members that attended sessions provided a summary and spoke positively of the DPE sessions and that the Department had initiated these sessions to provide information to the community.</li> <li>• Discussion in relation to Land and Water Commission which provides independent advice to landholders, resource companies, the community and government on mining and coal seam gas activities in the state. The Commissioner’s role is to facilitate greater consultation between government, community and industry.</li> <li>• Chair advised members that groups and individuals can contact the NSW Land and Water Commission as required:</li> </ul>	

	<p><b>Land and Water Commissioner</b>  Telephone: 02 6391 3429  Email: <a href="mailto:commissioner@landandwater.nsw.gov.au">commissioner@landandwater.nsw.gov.au</a>  Postal address: Locked Bag 21, ORANGE NSW 2800</p>	
<p><b>University of Adelaide Presentation - Mobile baseline concentration and isotope measurements of methane</b></p>	<ul style="list-style-type: none"> <li>• Dr Michael Hatch from the University of Adelaide presented on the multi-year baseline study of methane (CH4) levels that has been undertaken by the University and Santos since 2013.</li> <li>• The aim of the study is to identify possible sources of CH4 before production activities commence and to establish baseline levels across the region, noting that there are other known and potential sources of CH4.</li> <li>• There has been five data collection campaigns since 2013 and new technology enables this work to be now done more efficiently and cost effectively using a vehicle mounted Cavity Ring Down Spectrometer (Picarro meter). The ability to measure carbon isotopic ratios has the potential to allow identification of the source of the CH4 that is being measured at a given location.</li> <li>• The data collected is a snapshot of that point in time that the sample is taken and results will vary depending on a number of factors, including temperature, wind speed and direction, time of day (night-time thermal inversions), topography, proximity to a source or sources, and activities being undertaken at a source / land use for example earthworks, construction, etc.</li> <li>• CH4 does not burn at concentrations below 50,000 parts per million (ppm). Pre-production baseline data for facilities in Narrabri Gas Project area generally recorded data of less than 10.5 ppm, with one reading at Bibblewindi 25 in August 2014 of 59.8 ppm. Non CSG land use sample results varied from background of 1.8 ppm to cattle saleyards at 22.22ppm; Pilliga Bore Baths site at 97.70 ppm; landfill site (driving through) of 78.74 ppm; and disturbed mud in a wetland area registering &gt;600 ppm.</li> <li>• A representative advised that EPA had also undertaken a methane emissions study in NSW and this report was being finalized and would be provided to CCC members out of session prior to the next meeting.</li> </ul> <p><b>Presentation/Handout/Links:</b></p> <ol style="list-style-type: none"> <li>1. A copy of the <i>Summary Presentation: Mobile baseline concentration and isotope measurements of methane</i> will be distributed to members and also be available from <a href="https://narrabrigasproject.com.au/community/consultative-committee/march-2017/">https://narrabrigasproject.com.au/community/consultative-committee/march-2017/</a></li> </ol>	
<p><b>Santos Operations Update</b></p>	<ul style="list-style-type: none"> <li>• Santos Monthly Activity Update February 2017 distributed to members out of session by email on 9 February 2017 and March 2017 distributed to members out of session by email on 3 March 2017. Hard copies available at meeting.</li> </ul> <p><b>Presentation/Handout/Links:</b></p> <ol style="list-style-type: none"> <li>2. Santos Monthly Activity Update February 2017 is available from <a href="https://narrabrigasproject.com.au/community/consultative-committee/february-2017/">https://narrabrigasproject.com.au/community/consultative-committee/february-2017/</a></li> </ol>	

	3. Santos Monthly Activity Update March 2017 is available from <a href="https://narrabrigasproject.com.au/community/consultative-committee/march-2017/">https://narrabrigasproject.com.au/community/consultative-committee/march-2017/</a>	
<b>EPA Monthly Update</b>	<ul style="list-style-type: none"> <li>• Provided a draft Narrabri CCC EPA Newsletter January and February 2017 with final newsletter available on EPA website</li> </ul> <b>Presentation/Handout/Links:</b> <ul style="list-style-type: none"> <li>4. Final Narrabri CCC EPA Newsletter January/February 2017 will be available from <a href="http://www.epa.nsw.gov.au/resources/licensing/narrabri-ccc-newsletter-jan2017.pdf">http://www.epa.nsw.gov.au/resources/licensing/narrabri-ccc-newsletter-jan2017.pdf</a></li> </ul>	
<b>Next Meeting</b>	Tuesday 11 April 2017, Narrabri RSL Club 11.00am – 2.00pm	
<b>Meeting closed</b>	2.05pm	

### Action Items

REF	Action	Entity/Person	Status
22.01	Maps showing known coal deposits in NSW to be distributed to members	DRE	

### Future Agenda Items

REF	Action	Entity/Person	Status
1	Update on Regional Community Benefit Fund	DRE	