

# Narrabri Gas Project CCC - Meeting # 16

## 10 May 2016

<b>Date/Time:</b>	10 May 2016, 10.30am – 2.30pm	
<b>Location:</b>	Narrabri Golf Club, Gibbons Street, Narrabri	
<b>Attendees:</b>	Jock Laurie (Chair) – NSW Land and Water Commissioner Cr Cathy Redding – Narrabri Shire Council Cr Maxine Booby – Narrabri Shire Council Jocelyn Cameron – Country Women’s Association NSW Jack Warnock – Lower Namoi Cotton Growers Association Tony Pickard – People for the Plains Lynn Trindall – Narrabri Local Aboriginal Land Council	Matt Norrie – NSW Farmers Carmen Dwyer – Environment Protection Authority Samantha Wynn – Environment Protection Authority Andrew Ellis – Division of Resources and Energy Neale House – Santos Annie Moody – Santos
<b>Guests:</b>	Brett Nudd – Environment Protection Authority Peter Marczan – Environment Protection Authority Anthony Pik – Environment Protection Authority Addy Watson – Environment Protection Authority Dan O’Sullivan – CSIRO (GISERA)	
<b>Apologies:</b>	Russell Stewart – Narrabri Chamber of Commerce Peter Mitchley – Santos	
<b>Meeting Chair:</b>	Jock Laurie	
<b>Secretariat:</b>	Annie Moody	
<b>Agenda Item</b>	<b>Discussion/Outcomes</b>	<b>Action</b>
<b>Action items from last meeting</b>	<ul style="list-style-type: none"> <li>Narrabri Gas Project CCC Communique #11 was distributed to members</li> <li>A member stated that he considered that some of the information relating to water quality from web-based water information databases provided at a previous meeting of the CCC was difficult to access</li> <li>Chair advised that Senate Select Committee on Unconventional Gas Mining Interim Report had been released on 4 May 2016 and was available online</li> <li>A copy of EPA Factsheet titled <i>CSG Produced Water Irrigation</i> was distributed to members again as an action item from the April meeting. The Fact Sheet had been distributed previously to the Committee in April 2015.</li> </ul> <p><b>Presentation/Handout/Links:</b></p>	

	<ol style="list-style-type: none"> <li>1. Narrabri Gas Project CCC Communique #11 available from: <a href="https://narrabrigasproject.com.au/community/consultative-committee/april-2016/">https://narrabrigasproject.com.au/community/consultative-committee/april-2016/</a></li> <li>2. Senate Select Committee on Unconventional Gas Mining Interim Report available from: <a href="http://www.aph.gov.au/Parliamentary_Business/Committees/Senate/Gasmining/Gasmining/Interim_Report">http://www.aph.gov.au/Parliamentary_Business/Committees/Senate/Gasmining/Gasmining/Interim_Report</a></li> <li>3. EPA Factsheet titled <i>CSG Produced Water Irrigation</i> has been distributed to members and will be available from <a href="https://narrabrigasproject.com.au/community/consultative-committee/may-2016/">https://narrabrigasproject.com.au/community/consultative-committee/may-2016/</a></li> </ol>	
<b>Santos Operations Update</b>	<ul style="list-style-type: none"> <li>• Santos Monthly Activity Update May 2016 distributed to members</li> <li>• Discussion on timing of rehabilitation activities for Bohena sites</li> </ul> <p><b>Presentation/Handout/Links:</b></p> <ol style="list-style-type: none"> <li>4. Santos Monthly Activity Update has been distributed to members and will be available from <a href="https://narrabrigasproject.com.au/community/consultative-committee/may-2016/">https://narrabrigasproject.com.au/community/consultative-committee/may-2016/</a></li> </ol>	
<b>EPA Monthly Update</b>	<ul style="list-style-type: none"> <li>• Draft Narrabri CCC EPA Newsletter May 2016 distributed to members</li> </ul> <p><b>Presentation/Handout/Links:</b></p> <ol style="list-style-type: none"> <li>5. Final Narrabri CCC EPA Newsletter May 2016 has been distributed to members and will be available from <a href="http://www.epa.nsw.gov.au/resources/licensing/narrabri-ccc-newsletter-may2016.pdf">http://www.epa.nsw.gov.au/resources/licensing/narrabri-ccc-newsletter-may2016.pdf</a> The manual path to source this report is at website <a href="http://www.epa.nsw.gov.au">www.epa.nsw.gov.au</a>; click on the tab at the top titled <i>Protecting Your Environment</i>; click on the link third down on left hand side titled <i>Gas Industry</i>; scroll down to link titled <i>Community Involvement</i>; scroll down to the section <i>Narrabri Community Consultative Committee Newsletters</i> and current and former newsletters are listed</li> </ol>	
<b>EPA Presentation - How produced water in the Narrabri Gas Project is assessed and comparison to other water sources used for irrigation</b>	<ul style="list-style-type: none"> <li>• Representatives from EPA delivered a presentation on <i>Irrigation of Treated Water</i>, providing an overview of legislative framework applicable to EPA licensing decisions (<i>Protection of the Environment Operations Act 1997</i>) and matters that must be considered by EPA. Discussion on effluent reuse by irrigation and some examples of where this is used and policy and guidelines that are considered. Discussion on salinity and irrigation and a slide providing some examples of water quality of various water sources in the regional area for context and comparison. There was a discussion on the proposed irrigation of treated produced water from reverse osmosis plant at Leewood.</li> <li>• It was noted that the indicative Total Dissolved Solids (TDS) on the slide relevant to Leewood was prior to water amendment and this will be clarified on the slide prior to distribution of presentation</li> <li>• Query from member in relation to Narrabri town water quality; where are the results of water testing? Who does the water testing?</li> </ul>	EPA DRE

	<p><b>Presentation/Handout/Links:</b></p> <p>6. A copy of the presentation from Environmental Protection Authority, <i>Irrigation of Treated Water</i> – May 2016 has been distributed to members and will be available from <a href="https://narrabrigasproject.com.au/community/consultative-committee/may-2016/">https://narrabrigasproject.com.au/community/consultative-committee/may-2016/</a></p>	
<p><b>CSIRO (GISERA) introduction and overview</b></p>	<ul style="list-style-type: none"> <li>• A representative from CSIRO Gas Industry Social and Environment Research Alliance (GISERA) delivered a presentation that provided an overview of GISERA’s objectives. These include to carry out research and provide information for the benefit of communities in gas regions and provide information to governments and policy-makers of key research outcomes.</li> <li>• GISERA has been established in Queensland since July 2011, and has now expanded to NSW with funding from CSIRO, the Australian and New South Wales Government and industry (Santos, Origin Energy and AGL).</li> <li>• Research by GISERA may include potential social, economic and environmental challenges and opportunities of the gas industry.</li> <li>• A handout was distributed that had examples of areas of research to date include: Surface and groundwater; Greenhouse gas footprint; Agricultural land management; Terrestrial biodiversity; Marine environment; and Socio-economic.</li> <li>• There was a discussion at the meeting in relation to the NSW Research Advisory Committee (RAC) members and process for groups to suggest possible research priorities to the RAC. Three members of the Narrabri Gas Project CCC will be part of the RAC – Jock Laurie, Jack Warnock and Neale House.</li> </ul> <p><b>Presentation/Handout/Links:</b></p> <p>7. The GISERA website has further information <a href="http://www.gisera.org.au/">http://www.gisera.org.au/</a></p> <p>8. A copy of the handout <i>GISERA Research Progress – How much has been completed to date</i>, March 2016 is available from <a href="http://www.gisera.org.au/publications/researchoutputs.html">http://www.gisera.org.au/publications/researchoutputs.html</a></p> <p>9. A copy of the presentation from GISERA <i>Coal seam gas and research in Australia: an introduction &amp; overview</i> has been distributed to members and will be available from <a href="https://narrabrigasproject.com.au/community/consultative-committee/may-2016/">https://narrabrigasproject.com.au/community/consultative-committee/may-2016/</a></p>	
<p><b>Future Agenda Items</b></p>	<p>Members to advise Chair or Secretariat if they have items for June meeting</p>	
<p><b>Next Meeting</b></p>	<p>Tuesday 14 June 2016, Narrabri Golf Club 11.00am – 2.00pm</p>	
<p><b>Meeting closed</b></p>	<p>2.30pm</p>	

## Action Items

REF	Action	Entity/Person	Status
16.1	Slide in presentation <i>Irrigation of Treated Water</i> - Water Quality of Various Water Sources to show that the TDS relevant to water from Leewood RO plant is prior to amendment and will be clarified in presentation	EPA	
16.2	Narrabri town water quality; where are the results of water testing? Who does the water testing?	DRE	
15.1	GIS locations of monitoring bores at Leewood be mapped for reference	Santos	Complete
15.2	Update on progress of the Regional Community Benefit Fund	DRE	
15.3	Provide summary on irrigation approvals in relation to Leewood	EPA	
15.4	Santos 2015 Sustainability Report to be distributed to members not in attendance	Santos	Complete
15.5	DPI Water to provide a map of proposed monitoring bores on the overlay of existing bores to members	DPI Water	Complete
15.6	Irrigation guidelines from EPA to be sent out to members	EPA	Complete
15.7	Link to Santos rehabilitation information on Santos website to be distributed to members.	Santos	Complete

## Future Agenda Items

REF	Action	Entity/Person	Status
1	Methane emission survey update when report available (Santos)	Santos	When available
2	Environmental Data Portal Demonstration (Department of Finance, Services and Innovation)	DFSI	July 2016