

## MEETING MINUTES

### Narrabri Gas Project (NGP)

### Community Consultive Committee (CCC)

#### DATE / TIME

5 December 2023  
9:40am

#### LOCATION

Santos Shop Front Conference Room,  
Narrabri

#### FACILITATOR

Garry West

#### MINUTE TAKER

Lyn Firth (in person)

#### ATTENDEES

- ◆ Todd Dunn (Santos)
- ◆ Carlee Miller (online) (Santos)
- ◆ Ken Flower (Community)
- ◆ Lynn Trindall (Narrabri LALC)
- ◆ Stuart Murray (People for the Plains)

- ◆ Cr Cathy Redding (Narrabri Shire Council)
- ◆ Cr Robert Browning (Narrabri Shire Council)

#### APOLOGIES

Jocelyn Cameron, Russell Stewart, Abby McClure

## Discussions

NO.	DISCUSSIONS
1. Welcome	<p>Chair welcomed and thanked all members for their attendance and acknowledged Gomeroi country on which the meeting was held as well as Elders past, present and future and all Aboriginal persons present.</p> <p>Garry informed the meeting Andrew Snars was on leave, but would not be a member of the CCC on return. Carlee Miller, External Affairs Manager NSW will be a Santos representative going forward.</p> <p>Garry indicated GHD representatives will join the meeting online to consult with CCC members on the Social Impact Assessment being undertaken for the Narrabri Lateral Pipeline EIS.</p>
Declaration of Interest	<p>The chair asked if there were any new declarations of conflict of interest. There were none.</p>
2. Minutes of the Previous Minutes	<p><b>Actions arising</b></p> <ul style="list-style-type: none"> <li>• The minutes have been circulated and posted.</li> <li>• Action items from the previous meeting were done apart from contacting the auditor. Garry West reported he had tried but had not been successful. However, when the audit report becomes available, it will be circulated through the chair to all participants.</li> </ul>
3. Correspondence	<p>1) The response from People for the Plains to the GISERA email to be attached to the minutes.</p> <ul style="list-style-type: none"> <li>• Garry advised the meeting that he considered this matter now closed and that no further correspondence from either GISERA</li> </ul>

	<p>or People for the Plains on the subject would be actioned through the CCC.</p> <p>2) People for the Plains (P4P) correspondence relating to Santos CCC Annual reporting inaccuracies. This pack includes:</p> <ul style="list-style-type: none"> <li>◆ 04.10.23 Letter from P4P and copy of letter to Department of Regional NSW regarding inaccuracies in Santos CCC Annual Reporting.</li> <li>◆ 13.10.23 Letter from Santos apologising for the error and commitment to amend the reports and resubmit them to the Department.</li> <li>◆ 15.11.23 Letter from Santos re 231004 LT CCC Annual Report Letter – confirming amendments.</li> <li>◆ 28.11.23 P4P seeking the names of the authors of the reports and questioning why authors names on the reports were redacted.</li> </ul> <p>Todd explained the authors names are not included on documents loaded on the website as a matter of standard practice.</p> <ul style="list-style-type: none"> <li>• Garry informed the meeting that he considered this matter to now be closed and that no further correspondence on this matter would be actioned through the CCC.</li> </ul> <p>3) People for the Plains draft Terms of reference Feedback dated 4.12.23.</p> <ul style="list-style-type: none"> <li>• This had been circulated to all members prior to the meeting and was to be discussed later in the meeting.</li> </ul>
<p>4. Santos Update          Todd Dunn</p>	<p><b>Santos Corporate Update</b></p> <ul style="list-style-type: none"> <li>• Q3 report released with robust revenue, production, and free cash flow in line with expectations.</li> <li>• Pikka project (significant oil project in Alaska) progressing well – rig operations completed on first three wells and fourth well in progress.</li> <li>• Barossa project now 68% complete (excluding the Darwin Pipeline Duplication project) but drilling operations remain suspended pending assessment and acceptance of the associated environment plan by the regulator.</li> <li>• Moomba CCS project is 75% complete with first injections on track for mid-2024.</li> <li>• Direct Air Capture (DAC) unit arrived at Moomba during Q1 with pre-field commissioning successfully completed.</li> </ul> <p>Q. Stuart - How much carbon will actually be captured?          A- Todd – Can I take that question on notice and come back to you. [ACTION]</p> <p>Stuart – I have further questions.          Todd- Would you be able to email them to me through the chair and we will provide responses.</p> <p>Q. Lynn - Isn't Japan quite committed to the carbon capture process?          A. Todd - Every developed nation is now looking at decarbonising their economy – carbon capture is becoming business driven.</p> <p><b>Narrabri Gas Project Update</b></p> <ul style="list-style-type: none"> <li>• Phase 1 activity continues to progress.</li> <li>• Shallow water bore program completed Feb-Nov 2023 and deep aquifer monitoring bore completion works undertaken – both of which will inform the water modelling update.</li> </ul>

- Further works including deep aquifer monitoring bores, coreholes & pilot well drilling to be completed throughout 2024.
- Minor updates required to several management plans including minor change to corehole location (Dewhurst)
- Ecological scouting for NGP Phase 2, Hunter Gas Pipeline (HGP) and Narrabri Lateral Pipeline (NLP) continues through 2022/23.
- National Native Title Tribunal appeal was heard in August 2023 and a decision is anticipated by the end of 2023.
- Annual review will be submitted at end of March 2024 which will include full extent of consent conditions
- Audit report was submitted to DPE on 13<sup>th</sup> November 2023. The Audit Report will also be available on the NGP website as required by consent.
- Final investment decision dependent on receiving all required approvals.

#### **Hunter Gas Pipeline Update**

- Extensive stakeholder engagement including over 5400 landholder engagements, over 30 engagements with Aboriginal stakeholder groups and 30 community information sessions.
- Surveys well progressed within the approved corridor and work to progress surveys to support the finalisation of the alignment continues.
- Deed of Easement process is underway with landholders where the alignment is firm.
- Authority to Survey (ATS) was approved by NSW Government however Santos views this as a last resort when all reasonable attempts to negotiate access has failed.
- Staging approach was approved with DPE – construction of preliminary works sites (laydown yards) are subject to the approval of management plans.

Carlee spoke of the “pop-up” sessions they had conducted in the community and the positive attitudes of attendees. Particularly in neutral places like shopping centres, Santos were able to answer the questions and concerns of members of the public.

Q. Robert - What is the expected timing on starting the HGP?

A. Todd – Santos will undertake work shortly on laydown yards and other infrastructure to support the pipeline construction. Work on the pipeline is not likely to commence until 2025.

#### **Narrabri Lateral Pipeline**

- NLP will connect the NGP to the HGP, ~ 55km and designed per AS2885.
- Sizing – nominally 20” or ~508mm diameter consistent with HGP
- The pipeline will be primarily located underground, with associated aboveground infrastructure. As this is a relatively short pipeline infrastructure will be largely at the start/finish of the pipeline.
- Santos is committed to minimising the impact on stakeholders and the environment.
- The CH survey is planned over a 100m corridor in preparation for finalising the alignment.
- NLP declared Critical State Significant Infrastructure by NSW Government
- Moving forward Santos will:
  - Continue to engage with directly affected landholders/other stakeholders.
  - Progress Deed of Easement Agreements where the alignment is firm.

**MEETING MINUTES**  
**Narrabri Gas Project (NGP)**  
**Community Consultative Committee (CCC)**

	<ul style="list-style-type: none"> <li>○ Prepare NLP EIS based on SEARs for submission to NSW DPE.</li> <li>○ Prepare EPBC referral to Commonwealth Government targeting submission for Q4 2023</li> </ul> <p>Q. Cathy – Is the lateral pipeline on the other end of the underground coal mines?</p> <p>A. Todd – Yes. This was required to address risks associated with subsidence. The pipeline exits the Pilliga to the south of the Whitehaven developed area. There is a detailed map on the website and we have had extensive discussions with landowners in that area.</p>
<p>5. Social Impact Assessment Introduced by Carlee Miller, and presented by Lauren Harding &amp; Courtney Granger</p>	<ul style="list-style-type: none"> <li>● Scoping of social issues - Trying to understand the potential impacts of the projects in question.</li> <li>● This involves pulling together a social baseline. <ul style="list-style-type: none"> <li>◆ Looking at localised impacts and communities close to the construction area, and also looking at regional impacts.</li> </ul> </li> <li>● Stakeholder consultation <ul style="list-style-type: none"> <li>◆ Meet with key local stakeholders.</li> <li>◆ Build on previous consultations and use existing information.</li> <li>◆ Consider other consultation activities currently being undertaken and trying to avoid consultation fatigue.</li> </ul> </li> <li>● Assess and describe the social impacts and benefits and make recommendations to reduce the impacts. Some social impacts can be mitigated.</li> </ul> <p>Next Steps– Reach out to CCC via the Chair for invitations to participate. No one is under any obligation to be involved.</p> <p>Q Garry- What is the timeframe you are looking at?  A. Lauren – The consultation process will probably start in February 2024 and the findings will be presented in April 2024.</p>
<p>6. Exploration program and other updates</p> <p>Todd Dunn</p>	<p><b>Exploration Program and other Updates</b></p> <p>PEL 1 - Kahlua area activities</p> <ul style="list-style-type: none"> <li>● Review of Environmental Factors approved.</li> <li>● Works currently being undertaken.</li> <li>● Ongoing engagement with landholders including water bore sampling.</li> </ul> <p>PEL 1 and 12 – Scouting to satisfy future minimum tenure commitments.  Brawboy2 (PEL456) – Decommissioning works complete with rehabilitation to be progressed through 2024.</p> <p>Q. Cathy – Is there gas being produced at the Kahlua site?</p> <p>A. Todd – Yes there is.</p> <p>Q. Cathy – What happens to the gas?</p> <p>A. Todd – It has to be flared as there is nowhere to beneficially reuse the gas.</p>
<p>7. Terms of Reference</p>	<ul style="list-style-type: none"> <li>● Garry advised that a recent forum of CCC Chairs DPE recommended that where there were disagreements on the TOR, the majority of members can be relied upon for a consensus and that was the procedure he would adopt.</li> </ul>

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	<ul style="list-style-type: none"> <li>• The general feedback of the majority of the meeting participants was that the Terms of Reference needed to be kept short with simple, general language that would not limit the scope of the CCC.</li> <li>• The purpose of the CCC was as an advisory group – it was a body that dealt with the general community issues or concerns and not the technical detail of the Narrabri Gas Project.</li> </ul> <p>Amendments discussed:</p> <ul style="list-style-type: none"> <li>• Purpose and Scope  After detailed discussion the majority of members felt the draft document circulated by the Chair should remain unchanged, except for point 2 which with the changed wording limits discussion on management plans to those referred to the CCC.</li> <li>• Committee membership to be updated.</li> <li>• The site visits to include the words “or after”.</li> <li>• There was a discussion about the content of the meeting minutes and the process of changing what was included in the minutes once they were circulated to the members for review. It was agreed to add the words “The Santos NGP CCC Chairperson is the author of the minutes for each committee meeting.”  Garry added he believed these words clarified the requirement if the CCC Guideline regarding minutes.</li> <li>• Attendance and conduct. Garry advised the Department of Regional NSW and the Resources regulator had no administrative role in conjunction with the CCC. No amendment was made to this section.</li> <li>• There was a discussion about dispute resolution. Garry read the relevant sections from the Department of Planning &amp; Environment “Community Consultive Committee Guideline” and the meeting felt that this provided a comprehensive guideline. Stuart asked that he be sent a copy of this. [ACTION]</li> <li>• The Chairperson advised that as a general practice recording of CCC meetings would not occur in future, however, provision for recording in certain circumstances should remain in the Terms of Reference.</li> <li>• Garry will revise the Terms of Reference document with regard to the amendments agreed by the majority of members and recirculate.</li> </ul>
8. Proponent Reports	The other advisory groups met in November and received a similar Santos update to what has been presented to the CCC.
9. Member Updates	Andrew Snars (Santos) is on leave but will not be returning to the CCC. Carlee Miller (External Affairs) will be his replacement.
10. General Business	Nil

## Actions

NO.		ACTION BY	DUE DATE
1	Question taken on notice from Stuart Murray regarding how much carbon will actually be captured in the Santos Direct Air Capture project as well as other written questions from Stuart.	Todd	In the next 4 weeks
2	Results of Independent Audit will be circulated through the Chair	Garry	When Available
3	Extend invitation from Social Impact Assessment group to CCC members to participate in study.	Garry	When available
4	Copy of the Department of Planning & Environment "Community Consultive Committee Guideline June 2023 to be circulated to all members	Garry	ASAP
5	Garry to make the changes to the "Terms of Reference" as discussed in the meeting and circulated to CCC participants.	Garry	ASAP

**Next Meeting:** Garry has sent out to CCC participants a Meeting Placeholder – next meeting scheduled for Tuesday 19<sup>th</sup> March.

Meeting closed at 11.15am.



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Garry West  
 Chair Narrabri Gas Project CCC  
[garrybwest@bigpond.com.au](mailto:garrybwest@bigpond.com.au)

27/11/2023

Dear Mr West,

***Re: Response to Dr Damian Barrett's letter to Garry West (as Chair of the Narrabri Gas Project Community Consultative Committee), which People for the Plains accusation that GISERA's 'research is not independent, and that the results are somehow manipulated'.***

Please read this reply in conjunction with the letter written to Dr Rod McCrea after his presentation to the NGP CCC in November 2022 found at the end of this letter.

To recap the key points of this letter:

- We established that the answer to Question 44 in the 2017 report on Community Attitudes to CSG development in the Narrabri Shire was manipulated.
- The attachments to the letter included pages from the GISERA 2017 report that proved GISERA did manipulate the answer to Question 44.
- On page 28 of the report, the LIKERT SCALE survey results M=2.6 show (when calculated) that those who **opposed** CSG development outnumbered those who **support** CSG by almost 2-1.
- Yet on page 15 the result is shown to be the **opposite** with 70% of residents **accepting** of gas outnumbering the 30% who **reject** CSG by more than 2-1.

When questioned about these results Dr Barrett and one of the authors of the **2017** report denied in writing that they had not produced these conflicting results.

In our recent letter to Dr Rod McCrea (who was a co-author of this report) we asked if he still stood by his verbal denial made to the November 2022 meeting of the CCC. He preferred not to answer this question in writing. This puts him at odds with his two colleagues, including Dr Barrett, who have provided written denials, despite note providing the proof or an explanation to support their denials.

People for the Plains have gone to great lengths to have our dispute with GISERA resolved in good faith. In June 2018 we wrote to the CSIRO Senior Legal Counsel with our complaint seeking a mediated dispute resolution meeting with the authors of this report using an independent mediator. Our request was refused.

**Dr Damian Barrett's letter to the CCC about People for the Plains is misleading.**

In our November 2022 letter to Dr Rod McCrea, it was made clear in the second paragraph and thereafter, including the attachments, that the concerns about GISERA/ CSIRO's

independence was confined to the **2017** report to which Rod McCrea referred to during his presentation. His presentation also included a bar graph of the manipulated **2017** question.

In contrast, Dr Barrett's letter does not mention the **2017** survey at all.

Therefore the first paragraph and by default the second and third paragraph of Dr Barrett's letter to Garry West and the CCC are incorrect. These introductory paragraphs incorrectly infer the criticism of the GISERA/CSIRO presentation by Dr Rod McCrea is aimed at the 2022 survey; "Preconstruction Phase" as named by Dr Barrett.

Dr Barrett's letter conveniently avoids the issue of the manipulated survey results we have described in GISERA's **2017** survey in order to attempt to defend GISERA's independence.

While People for the Plains and many other entities have questioned the independence of GISERA, giving our reasons, we have not questioned the accuracy of the results for the 2022 (**preconstruction phase**) survey.

This is because it was impossible to come to any conclusion about whether the 2022 (**preconstruction phase**) report had been manipulated as the results were not available until the final report was released in June 2023. This was 7 months after Dr Rod McCrea's presentation to the CCC.

In Dr Rod McCrea's reply to our November 2022 letter, he confirms this when he said. *'Thank you for your emailed letter on 23 November 2022 raising concerns about grouping overall attitudes towards CSG development in our reporting of the **2017** survey of community wellbeing and attitudes to coal seam gas (CSG) in the Narrabri Shire, NSW. **We value your feedback and will take it into account when writing up the final 2022 survey findings'** (our emphasis).*

**Summary:** Dr Damian Barrett in his letter to Garry West and the NGP CCC he chose to incorrectly infer that People for the Plains' accusations are aimed at the 2022 (**preconstruction phase**) report. This is incorrect.

Dr Barrett's letter goes on to describe the safeguards in place to protect research independence and transparency of research results.

Unfortunately these safeguards did not prevent question 44 in the **2017** report studying the Community Attitudes to CSG development in the Narrabri Shire from being manipulated.

Dr Barrett's letter to Garry West and the NGP CCC rejecting People for the Plains' *'accusation that CSIRO/GISERA research is not independent and somehow manipulated'* was tabled at the September NGP CCC meeting and included in the minutes of the meeting as an attachment.





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**Requested Action**

We request this right of reply on behalf of People for the Plains, together with the letter written to Dr Rod McCrea in November 2022, which is attached, be tabled at the proposed December 2023 NGP CCC meeting and all these documents (seven pages in total), be included in the minutes for this meeting.

Yours Sincerely

Stuart Murray  
Phone 0473921457  
President  
People or the Plains



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Dr Rod McCrea  
Social Scientist  
CSIRO/GISERA  
GPO Box 2583  
Brisbane QLD 4001

21/11/2022

Dear Dr McCrea,

RE: Your presentation to the Narrabri Gas Project Community Consultative Committee 9/11/2022  
Your presentation on 9th November 2022 provided a summary of results from a 2022 survey, 'Monitoring community wellbeing and attitudes to the Narrabri CSG project pre -construction phase'. You described it as a '*snapshot in time*' and compared the results to a similar survey conducted in 2017 prior to the approval of the Narrabri CSG project.

After your presentation I raised concerns about the independence of GISERA/CSIRO citing how GISERA had misrepresented the results of a question in the 2017 survey, and how GISERA ignored feedback from People for the Plains despite informing us that '*we (GISERA) will use this to inform our final report*'

I went on to describe how GISERA/CSIRO had manipulated a LIKERT scale survey Question 44, that showed the majority of Narrabri Shire Residents **reject** the notion of CSG development in their Shire compared with GISERA's manipulated conclusion showing the majority **embrace** CSG development. To achieve this GISERA had divided the LIKERT scale survey result into a two-way split, with 4 of the 5 possible answers lumped together to indicate support for the project.

During the meeting you denied this: '*we did not collapse these five categories into a two-way split in our report*', despite the fact I provided you with three references where the media and pro-gas supporters had used the manipulated conclusion, to support their case, quoting GISERA/CSIRO as their source. These three sources (and others) clearly understood from your report that the majority of survey respondents supported the Narrabri Project.

**Here is the evidence that proves the results of Question 44 were misrepresented in your reports.**

The two-way split that informed your conclusion showing that 70% of residents are accepting of gas compared to the 30% who reject the notion of CSG is described in three places in your report. You denied this in your presentation to the Community Consultative Committee.

1. **Attached** is a copy of page 15 of the Executive Summary Phase 3 Survey Report.
2. The same two- way split appears again on page 58 of the Phase 3 Survey report.
3. In the final report the two-way split appears on page 29.

To achieve this result carefully chosen subjective words were used to describe the 1-5 choices to Question 44.

1. Reject it
2. **Tolerate**
3. Be OK with it
4. Approve of it
5. Embrace it

The four options, 2 tolerate, 3 be OK with it, 4 approve of it, 5 embrace it, were lumped together to show that 70% of residents are accepting of gas and 30% reject CSG .

A simple dictionary definition of the word "tolerate" means 'allow the existence, occurrence, or practice of (something that one dislikes or disagrees with) without interference'. (As a simple example, if I have a broken arm then I must tolerate it, but this does not mean that I am in favour of it). On this basis those that answered '**tolerate**' should not be grouped with those who '**embrace**' coal seam gas but grouped with those who '**reject**' it.

**Further proof** that Question 44 from Phase 3 of the 2017 report has been manipulated to allow the results to be misrepresented is the fact that the questions in these surveys are LIKERT scale survey questions with the results, (quoting from your report) '*typically described as average scores out of 5, using a scale from 1 to 5 where 1 is the least and 5 is the most. A score below the midpoint of 3 is considered negative or unfavourable on average*'.

A copy of page 80 from Phase 3 of the 2017 report is attached, showing the results for Question 44 that were used to create the two-way split described in your report. If results below 3 are considered negative, then Question 44 (M=2.545 by our calculations) shows that the majority in fact **reject** CSG development.

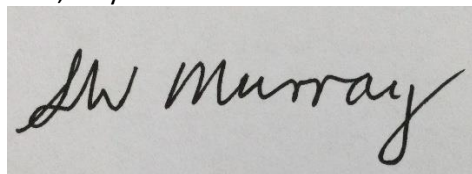
On p 28 of your Phase 3 report, (copy attached) is a paragraph titled '**Additional sample checking**' that asks residents for answers to a question the same as Question 44. Quote: - 'about their attitude to CSG activities in the Narrabri Shire on a 5-point scale from **reject it to embrace it**'. It goes on to say 'there was no significant difference between participants and non-participants in their average attitudes to CSG (M = 2.60 and M = 2.42 respectively). This **Additional sample checking** also shows that the majority **reject** CSG development.

This information clearly shows that GISERA/CSIRO have arrived at two different conclusions to this question, one purporting to show that the majority **embrace** CSG development in the Narrabri Shire (p 15) and the other clearly showing that this development is **rejected** (p 28).

This begs the question: - why was the manipulated version, which incorrectly supports the notion that the Santos Narrabri Gas Project has a Social Licence to Operate, the one chosen for the Final Report? This has enormous ramifications as, apart from informing government policy, it impacts community perceptions and cohesion.

Hence we would like to know if you still stand by your denial that '*you did not collapse these five categories into a two-way split in your report*'?

If so, why?

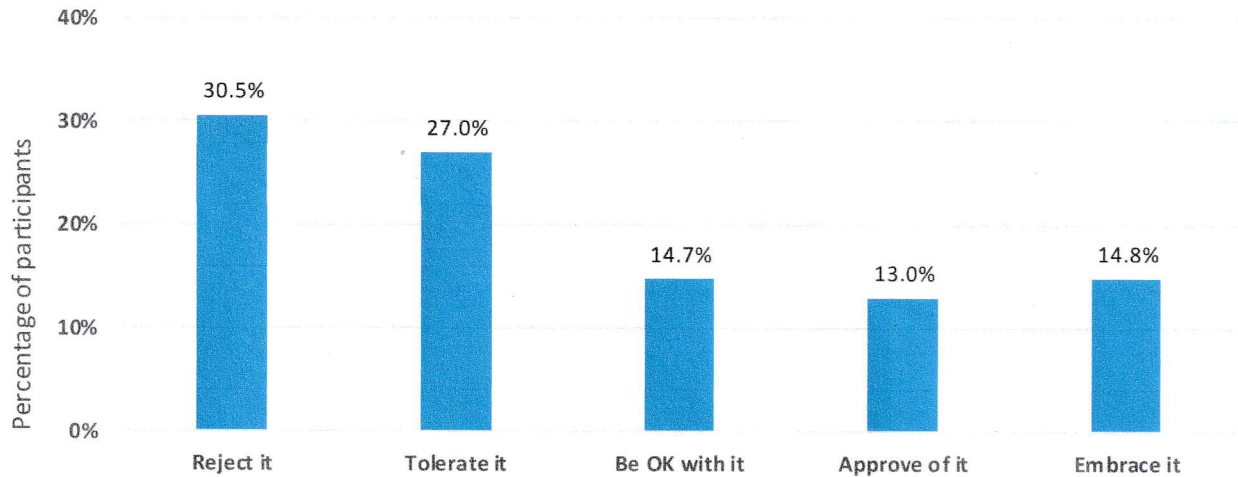


Yours sincerely  
Stuart Murray  
People for the Plains  
Phone 0473921457

## Attitudes towards CSG development

Attitudes towards CSG development varied between people, and there was a considerable proportion of the population who indicated they reject the notion of CSG development. As shown in Figure 12, at one end of the spectrum 30% of residents indicated they 'reject' CSG development in the Narrabri shire and at the other end of the spectrum 15% of residents indicated they 'embrace' it. However, the remaining respondents (55%) indicated they would either tolerate (27%), be ok with (15%), or approve of (13%) CSG development in the shire.

**Figure 12 Attitudes towards CSG development in the Narrabri shire: 2017**

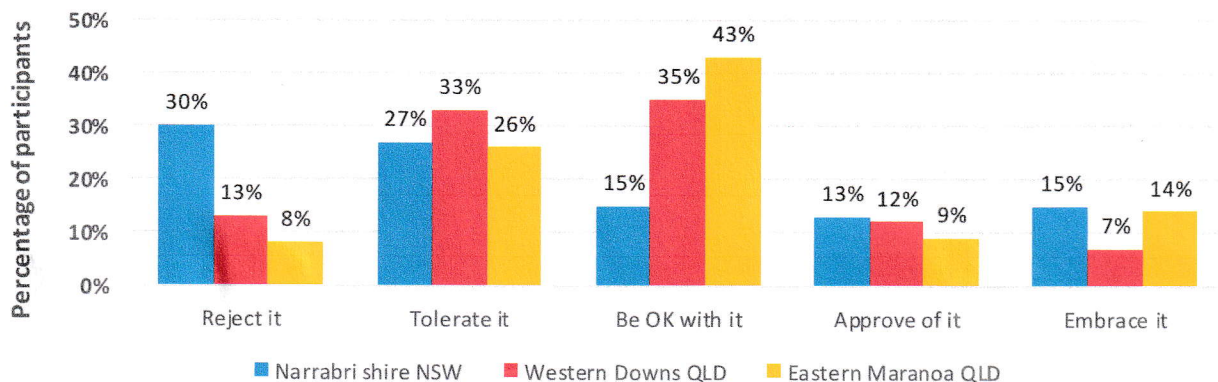


Attitudes towards CSG development also varied based on subregions and whether people lived in town or out of town. Those residents who live in Narrabri town and surrounds held significantly more positive views towards CSG development than those who live in the rest of the shire. Residents who lived out of town held significantly more negative views towards CSG development than those who lived in town.

## Comparison with Queensland gasfields

When results from the Narrabri shire are compared with two gasfield regions in Queensland, the proportion of residents who are accepting of gas to some extent (tolerate through to embrace), as opposed to outright rejection, is much greater in Queensland. In 2016, residents of the Eastern Maranoa, which includes Roma and surrounds indicated the highest proportion of some acceptance of CSG (92%) followed by the Western Downs region (87%). Whereas, in 2017 in the Narrabri shire this drops to 70%. As shown in Figure 13, the biggest difference is the proportion of residents indicating they reject the notion of CSG development (30%) compared to Western Downs and Eastern Maranoa (13% and 8% respectively).

**Figure 13 Attitudes towards CSG development: Narrabri 2017 and Queensland 2016**



Note: Percentages have been rounded to one decimal point

	Narrabri Shire			Subregion		Out-of-town	
	No.	Mean	SD <sup>1</sup>	Narrabri	Rest of shire	In-town	Out-of-town
<b>Q44 Overall, which best describes your attitude toward this CSG development in the Narrabri shire. I would</b>							
1. reject it	115	30.5%		27.9%	35.9%	25.6%	39.3%
2. tolerate it	111	27.0%		25.9%	29.2%	26.1%	28.5%
3. be OK with it	55	14.7%		14.2%	15.9%	17.4%	9.9%
4. approve of it	59	13.0%		14.9%	9.0%	16.0%	7.5%
5. embrace it	60	14.8%		17.1%	10.0%	14.8%	14.8%
Total	400	100.0%		<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>
<b>Q45 On a scale of 1-5, how much would you feel</b>							
a) pleased	400	2.72	1.43	<b>2.87</b>	<b>2.40</b>	<b>2.87</b>	<b>2.46</b>
b) optimistic	400	2.83	1.39	2.93	2.64	<b>2.98</b>	<b>2.58</b>
c) angry	400	2.31	1.36	<b>2.18</b>	<b>2.57</b>	2.24	2.43
d) worried	400	3.08	1.50	<b>2.96</b>	<b>3.33</b>	2.96	3.29
<b>Q46 How much do you think you would be impacted by this development personally, from 1 very negatively to 5 very positively</b>							
	400	2.87	1.18	2.92	2.75	2.90	2.80
<b>Q47a How well do you think your local community</b>							
a) would cope with this CSG development	400	3.15	1.12	3.20	3.04	3.21	3.04
b) would adapt to this CSG development	400	3.21	1.08	3.30	3.04	3.31	3.05
c) Generally copes pretty well when faced with challenges (*RWB survey)	400	3.62	1.04	3.66	3.54	3.73	3.44
<b>Q47b Which of the following best describes how [NAME] would deal with this CSG development</b>							
1. resist	62	16.5%		16.8%	15.9%	14.5%	20.0%
2. not cope	31	6.9%		4.5%	11.8%	5.9%	8.6%
3. only just cope	98	23.0%		<b>19.1%</b>	<b>31.0%</b>	21.8%	25.2%
4. adapt to the changes	188	47.8%		<b>54.1%</b>	<b>34.9%</b>	51.4%	41.4%
5. change into something different but better	21	5.8%		5.5%	6.4%	6.3%	4.9%
Total	400	100.0%		100.0%	100.0%	100.0%	100.0%
<b>Q48 Answering yes or no, have you sought information about the local CSG industry from</b>							
a) government sources	400	31.6%		34.2%	26.1%	28.2%	37.7%
b) research organisations	400	32.3%		33.9%	28.8%	28.5%	38.9%
c) anti-CSG groups	400	34.2%		36.1%	30.5%	<b>29.5%</b>	<b>42.7%</b>
d) pro-CSG groups	400	34.4%		37.2%	28.7%	<b>28.6%</b>	<b>44.8%</b>
e) industry sources	400	42.1%		45.4%	35.4%	41.8%	42.8%
f) by going on a site visit of Santos's wells and facilities	400	26.8%		26.0%	28.5%	25.1%	29.9%
<b>Q49 How much do you feel you know about the local coal seam gas industry?</b>							
	400	2.91	1.15	<b>3.03</b>	<b>2.67</b>	<b>2.79</b>	<b>3.12</b>
<b>Q50 Have you had any experience working for</b>							
a) the CSG industry (either directly or on a contract)	400	7.6%		8.2%	6.4%	6.2%	10.2%

M = 2.545

Table 3 presents the representativeness of the sample compared to ABS statistics. A more detailed description of the sample is found in Appendix B and includes education, household income, home ownership, average years living in the region, and percentage owning a farm.

**Table 3 Sample representativeness compared to ABS statistics**

Sample characteristic	Actual Sample Survey 2016	ABS Census 2011	ABS Census 2016	Weighted sample Survey 2016 (Used in analyses)
Male	47.3%	50.5%	50.7%	48.6%
Age 18+ (median)	59.4 years	49.6 years	51.9 years	50.2 years
Indigenous (%)	8.8%	10.7%	12.2%	10.2%
Employed (%)	57.0%	63.0%	n.a.	68.1%
In-town residents (%)	65.5%	65.1%	n.a.	64.2%
Narrabri and surrounds	65.5%	63.8%	n.a.	67.4%

*Note:* Not all 2016 Census statistics were available at the time of writing; residents in-town in the census refer to residents living in urban centres and localities within the shire; employed residents (%) in the sample was for those aged 18+ and for the census 2011 it was for 20+ years. Residents living in 'Narrabri and surrounds' were those who identified Narrabri as their main town in the survey sample, and it was for residents in the postcode of Narrabri in the population census.

### Additional sample checking

An additional question was also asked to check if people declining to participate in the survey had significantly different attitudes towards CSG activities from those participating in the survey. If residents declined to participate in the survey, they were asked if they would be willing to answer one short question about their attitude to CSG activities in the Narrabri shire on a 5-point scale from 'reject it' to 'embrace it'. However, there was no significant difference between participants and non-participants in their average attitudes toward CSG ( $M = 2.60$  and  $M = 2.42$  respectively,  $p = .11$ ). We did not ask why people declined the survey and it was not possible to test the representativeness of those declining. However, the sample of respondents who participated were representative of the population in the Narrabri Shire across four ABS population census criteria and weighted for age.

In summary, the sample of participants was representative across a range of demographic variables and in their attitudes toward CSG development in the shire.