



Appendix Z
Social and Community



EIS Appendix Z

The respondent comments provided in this section have been collated from all stakeholder submission comments relating to EIS Appendix Z Social and Community. Please refer to **Attachment A** for copies of all submissions received.

Appendix Z Social and Community

7.4.1 CSG Field

Respondent Comment

Banana Shire (in a comment in relation to Appendix 2) states that the proponent should identify the size and location of all Temporary Accommodation Facilities intended to be installed within the CSG Field and throughout the Gas Transmission Pipeline route to enable Council to make an informed assessment of the impacts such facilities will have.

Santos Response

Santos has developed an internal site selection criteria model for determining where TAFs will be located as discussed in EIS Section 2.2.3.3. Santos has not yet selected specific sites (this is to some extent subject to completion of detailed engineering designs) but is considering several potential options as discussed in EIS Section 3.7.3.25.

Santos assessed TAF interaction with the community in more detail in the Social supplement (**Attachment D1**). This was achieved through an assessment of the Fairview operation in more detail than the anecdotal assessment presented in the EIS Social Impact Assessment (SIA). The Fairview operation was then used as a proxy for determining potential impacts from the GLNG Project. In addition, research on the interaction between MAC Camps in the Moranbah area was conducted in order to assess potential impacts from TAFs situated in close proximity to existing communities. These studies supported the EIS SIA assessment results that the TAFs planned for Santos are likely to have limited impacts on local communities regardless of location. Santos has strict guidelines relating to the operation of a worker's camp and will closely manage any interaction with community members.

Notwithstanding the assessment in the EIS, Santos is committed to ongoing consultation with relevant councils and key stakeholders on the site selection and details of the TAFs. Santos will provide required TAF information regarding recreational and entertainment services for workers, utilities on site including electricity and water, waste management including material waste, industrial waste and sewerage, and health and safety provisions. Santos will also discuss how workers' access to local communities throughout the project will be managed; with the preferred position that worker access is limited as stipulated in the EIS SIA (see Sections 9.1.13 and 9.2.14 of EIS Appendix Z). Santos will re-examine this policy throughout the development of the CSG field based on feedback from the community.

Respondent Comment

Banana Shire (in a comment in relation to Appendix 2) states that they require appropriate plans, analysis and assessments for temporary accommodation facilities to be completed and provided for review.

Santos Response

Santos commits to providing information on TAF as required to Banana Shire Council when they are completed.

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Respondent Comment

Maranoa Regional Council state that Santos has indicated that the preference is to locate the Temporary Accommodation Facilities away from the existing town areas in order to minimise impact. Maranoa Regional Council has a conflicting view that recognises the opportunity for positive impact. Locating the Temporary Accommodation Facilities within the existing town areas provides the opportunity for social integration and maximises the potential for sustainable growth and optimal use of community services and facilities.

Santos Response

Santos acknowledges Maranoa Regional Council's desire for Santos to consider a mix of TAF and locally accommodated workers. Santos already achieves this through the employment of a locally based workforce in Roma of over 25 people and their families. For safety and business efficiency reasons, the construction workers will need to be housed as close to the work front as possible. As most of the work will be occurring a considerable distance away from major communities such as Roma, it is unlikely that Santos will be able to provide accommodation options for construction workers in Roma. It does however intend to grow its local operations workforce within Roma (which was assessed in the EIS SIA) and this will provide further economic benefit to the town.

Background on this matter is provided in **Attachment D1**.

9.1.3 Potential Impacts on Population and Employment

Respondent Comment

Maranoa Regional Council states that there is no reasonable likelihood that the project will proceed without impacts on the local employment market. The assessment dramatically understates the problem and it is difficult to accept that this understatement has occurred unintentionally.

Santos Response

Santos undertook its employment assessment in good faith and with a long history in this area. There is an acknowledgement of the potential impacts to the local employment market including:

- Impact on local businesses;
- Impact on employment opportunities;
- Impact on economic opportunities; and
- Recognition of the current effects of low unemployment including:
 - Difficulty attracting and retaining workers;
 - Workforce turnover as a result of poached workers; and
 - 457 Visa workers already active in the community for some jobs.

There was a potential for upward pressure on local wages which may result in local employers not being able to retain employees. The probability of this occurring was determined to be low given that similar positions with similar wages are available on other Santos operations in the area and are not being filled locally. As a result Santos has been required to have a FIFO workforce for these operations. This is likely to continue with the project.

Santos will consult with local councils which will help local service providers understand the likely future demand for infrastructure and services. The potential impact on local service providers is anticipated to be low and positive based on Santos' current strategy to house workers in TAFs, provide reasonable amenities in the TAFs, and restrict access to local communities.

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Santos will work with the various councils impacted by the construction phase to identify additional and unexpected impacts as they occur and develop mitigation strategies to address those issues.

Background on this matter is provided in **Attachment D1**.

9.1.6 Potential Impacts on Housing and Accommodation

Respondent Comment

Maranoa Regional Council states that the impacts on the local accommodation market have also been ignored. The flawed logic of the SIA methodology suggests that there will be no impact on accommodation availability or cost. There is no reasonable likelihood that the local accommodation market will be unaffected.

Santos Response

The EIS SIA provides an assessment of the current Roma accommodation market in Section 7 and Appendix C of the EIS SIA (EIS Appendix Z). Any further impact due to an increase in population associated with an influx of workers was not further assessed because it was not known at the time and would be highly speculative.

There is no indication of large population increases as a result of the project based on the information available at the submission of the EIS including information made available from key stakeholders and council. The Social supplement (**Attachment D1**) has examined the experience of the Fairview operation in more detail as a proxy for the development of the CSG field. Section 6.2 of **Attachment D1** comments on the impacts on local accommodation which confirms this view.

Santos acknowledges council's concerns in relation to the issue of affordable housing and will continue to monitor the situation in consultation with council.

9.1.7 Potential Impacts on Health

Respondent Comment

Maranoa Regional Council states that the impact on health was assessed on the basis of the impact associated with the long term Roma office based positions only. The anticipated 1,500 field employees have not been considered. This is clearly an unrealistic analysis and cannot be accepted.

Santos Response

The impacts of the establishment of the Roma office were assessed separately as the workers will be residential and utilise the available services in Roma.

Santos will provide its own on-site medical facilities and staff to deal with the vast majority of medical issues. Despite Santos' rigorous safety policy, it is possible that an incident may occur that may require the support of the Maranoa regions emergency and medical services. Based on an assessment of the Fairview workforce accommodation facility which has been provided in the **Attachment D1** (see section 6.3), where this has happened it has not had a detrimental impact to the services provided to the local community.

Santos acknowledges Maranoa Regional Council's concerns in relation to this issue. Santos is continuing to develop mitigation measures to prevent this issue from occurring. This will be facilitated through ongoing consultation with health and emergency services representatives in the area.

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9.1.8 Potential Impacts on Education and Training

Respondent Comment

Maranoa Regional Council states that the impacts on education disregards growth in the community associated with field activities which results in an unacceptable assessment of impacts.

Santos Response

There is no indication of a large population increase as a result of the project based on the information available during preparation of the EIS, which included information made available from key stakeholders and council.

A new accommodation scenario was developed for the Social supplement (see section 4.2 of **Attachment D1**) based on the experiences of the Fairview operation. This scenario estimated imported workers migrating to the area at 2 % in year 1 and 1 % in years 2 to 5. This estimate also determined a low level population increase.

9.1.9 Potential Impacts on Emergency Services

Respondent Comment

Maranoa Regional Council states that the impacts on emergency services assume that all emergencies will occur on site and disregards growth in the community.

Santos Response

Santos' experience from its existing projects is that limited use is required of external emergency services.

There is no indication of a large population increase as a result of the project based on the information available at the time of submission of the EIS, including information made available from key stakeholders and council. Accordingly the project is anticipated to have a low to medium impact on the health and emergency services. An updated migration scenario presented in section 6.3 of **Attachment D1** and based on the experiences at the Fairview operation reached the same conclusion.

Santos acknowledges Maranoa Regional Council's concerns and will continue to work with local emergency services staff in the region.

9.1.10 Potential Impacts on Community Facilities and Services

Respondent Comment

Maranoa Regional Council states that the impacts on the Roma Airport are acknowledged in Table 9-2 of the SIA but not discussed elsewhere. It is encouraging to note that Santos recognises the need to contribute to community facilities which in the absence of separate discussion presumable includes the Roma Airport.

Santos Response

Santos is working with appropriate stakeholders to understand and ensure that suitable mitigation measures are implemented to offset the potential impacts on the Roma Airport from the project. A coordinated management strategy will be developed between Maranoa Regional Council and Santos for

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the use of the Roma Airport as a transportation hub for imported workers. This is discussed further in Section 6.6.1 of **Attachment D1**.

Respondent Comment

Maranoa Regional Council states that the lack on any assessment of impact on the airport facilities is of concern and may have been an oversight in the preparation of the EIS. In any event, further work is required.

Santos Response

A baseline assessment of the Roma airport facility has been included in Sections 4.3.2 and 6.6.1 of **Attachment D1**.

9.1.13.8 Visual Amenity

Respondent Comment

Maranoa Regional Council states that it appreciates the efforts that have been directed toward engagement of the rural landholders. The CSG fields do however encroach on urban areas so the potential for conflict is significant.

Santos Response

Field development activities will be commissioned to minimise potential impacts on land users regardless of use and effective mitigation measures undertaken where required.

9.1.13.9 Demand on Local Services and Facilities

Respondent Comment

Maranoa Regional Council states that in contrast to the remainder of the SIA, there is an acknowledgement in 9.1.13.9 of the SIA that the project will result in increased use of local services including health, education and social services and facilities. This acknowledgement highlights the inadequacies of the remainder of the SIA.

Santos Response

This section is from the risk assessment and acknowledges that when the CSG fields around Roma are developed there is a potential for positive and negative impacts on those services and infrastructure. The impact assessment provides details of the potential for that risk to occur based on the accommodation strategy of TAF for the CSG field development and operations.

There is no indication of a large population increase as a result of the project based on the information available at the submission of the EIS including information made available from key stakeholders and council. Section 5 of **Attachment D1** has examined the Fairview operation in more detail as a proxy for the development of the CSG field.

Santos acknowledges Maranoa Regional Council's concerns in relation to this matter and will continue to closely monitor the situation during construction.

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9.1.13.17 Excessive Noise

Respondent Comment

Maranoa Regional Council states that they believe that wells should not be developed within the areas that are zoned residential or rural residential.

Santos Response

Field development activities will be commissioned to minimise potential impacts in land users regardless of use and effective mitigation measures undertaken where required.

9.2.14.1 Increased Road Traffic / Wear on Infrastructure

Respondent Comment

Maranoa Regional Council states that the Santos effort to date in addressing impacts on roads has been commendable. Workplace Health and Safety and productivity incentives will provide motivation for Santos to continue to address road issues in keeping with past practice.

Santos Response

Santos appreciates your recognition for our project processes and is committed to continuing its road impact policy for the GLNG Project.