

Question 13

Santos is a co-sponsor of GISERA and the Projects that GISERA does: has in the past placed a GISERA link plus a short summary in the Santos Activities Up-Date for the NGP: the NGPCCC also has members that are on various panels associated with GISERA: and some of the projects in the August 2019 Newsletter apply directly to NSW and the Narrabri Gas Project.

Q.13.a. - Why is there no mention in the September 2019 Santos Activity Update handout for the NGP of the GISERA Newsletter that was sent out in late August 2019?

Question 14

The Santos inspired Community Benefit Fund would have had a 'model' concept created in order for Santos to be able to justify the financial viability along with the Fund administration/management concepts.

Q.14.a. - Did Santos create such a concept 'model' or 'models' and how were the concept 'model/models' used?

Question 15

At present Santos is supplying electricity from the Wilga Park power station.

Q.15.a – What, Public/Private Energy/Electricity provider is purchasing the electricity generated at the Wilga Park power station?

Question 16

Santos uses different materials in their gas/water pipelines.

Q.16.a – What are the types of pipes and their material make-up for the specific product they convey?

Q.16.b – At present the gas well casings in the Narrabri area are steel. Is there any move by Santos to go away from steel to another material, If so then what type of material is being considered and why?

Q.16.c – What is the current life span of the pipelines that are already carrying products from the current CSG operation in the Narrabri area?

Q.16.d – How often and what type of testing is carried out to the structural integrity of the pipework, especially those which is buried?

Question 17

In the Santos "*Petroleum Production Environmental Operations Plan for PPL3, dated May 2019*", there is a statement on the bottom of page 4 and reads as shown below:

The Coonarah Gas Pipeline is currently not in use as it has been isolated from the Coonarah wells. Until recently it was filled with bore water and biocide. In November 2018, the pipeline was dewatered in preparation

Q.17.a – Will Santos please explain why, If there are NO bacteria in the Gas wells, as has previously been stated by

Santos personnel, and therefore none in the mentioned gas pipeline, then why the use of biocide in the water used to fill the Coonarah Gas Pipeline?

Also in the same publication on page 10 under 4.1 “*Overview of environment*”, there is the following:

## 4.0 ENVIRONMENTAL MANAGEMENT

### 4.1 Overview of environment

PPL 3 comprises cleared agricultural land. Ecological, heritage and other environmental investigations were undertaken as part of the development approvals process for the Coonarah Gas Field. Subsequent investigations of PPL 3 have been carried out as part of the approvals process for exploration and appraisal activities and the Narrabri Gas Project. These investigations have not identified any areas of particular environmental, ecological or cultural sensitivity. Key findings of the relevant investigations are summarised below.

- A detailed field survey of PPL 3 was undertaken by a representative of the Narrabri Aboriginal Land Council in 2002. The survey identified a scarred tree of potential significance located on the margin of the Coonarah gas pipeline route, and three bush-wood plants adjacent to the gas pipeline route. All these trees were located outside the area of disturbance of the pipeline and gathering system and not impacted by activities in PPL 3.

Q 17.b – Will Santos please provide the exact location on the Coonarah Gas pipeline route map of the findings as mentioned in the above dot point?

Q.17.c – Will Santos provide a copy, or a working link to a copy of the 2002 “*detailed field study of PPL3*” as described in the dot point above?

A precedent for Santos to accede to the above requests has been set with the inclusion of the comprehensive Cultural Heritage Assessment as found in Appendix A of the “*Tintsville Water Management Facility | Review of Environmental Factors*, with the date of June 2019”.

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9<sup>th</sup> September 2019