



Our Ref: MCV13/195

Santos NSW Limited  
Level 16  
40 Creek Street  
Brisbane QLD 4000

Attention : Alan Feely – Manager Environment and Water

Dear Alan,

### **PEL238, Approval of Produced Water Management Plan**

In accordance with Condition 14 of PEL 238 granted under the provisions of the *Petroleum (onshore) Act 1991*, Santos has presented for the Minister's approval a Produced Water Management Plan (PWMP) for the Narrabri Gas Field.

I have noted that Santos has consulted with other agencies – EPA and Office of Water – in preparation of the PWMP. I have assessed the PWMP as satisfying the requirements of Condition 14 and the PWMP is hereby approved, under delegation of the Minister, subject to the conditions set out below. A breach of these conditions is an offence under the *Petroleum (Onshore) Act 1991*.

#### **CONDITIONS.**

##### **General Conditions.**

1. The works must be carried out at the location(s) and in accordance with the methods contained in:
  - a) "*Santos Narrabri Gas Field Produced Water Management Plan , December 2012*".  
Except as amended by the following conditions.

##### **Community consultation**

2. The licence holder must engage with the community in relation to the planning for and conduct of operations authorised under this approval. The consultation must be undertaken in accordance with the *Guideline for community consultation requirements for the exploration of coal and petroleum, including coal seam gas* (NSW Trade & Investment, 2012) as amended or replaced from time to time.

##### **Access to activity approval and relevant documents**

3. The licence holder must ensure that a copy of this approval and the PWMP described at Condition 1a is:
  - a) accessible on the site authorised by this approval; and
  - b) made available to all supervisors or other persons concerned in the day to day management of prospecting operations authorised by this exploration licence.

**Other approvals may be required**

Other activity approvals may be required pursuant to Conditions of PEL238 for construction and operation of exploration (stratigraphic drill holes and appraisal wells) and related water infrastructure (produced water gathering, storage and treatment facilities). These will be incrementally assessed separately under *Part 5 of the Environmental Planning and Assessment Act 1979*, or where approval under Part 3A or Part 4 is required.

Should you wish to discuss any details of this approval please contact the undersigned on 02 49316705

Yours Sincerely,



**Greg Summerhayes**  
**Principal Environmental Officer and Team Leader, Environment (Northern)**

Date: 19 March 2013