

19 February 2019

Mr Louis Gomas  
Senior Director, Petroleum Operations  
Department of Primary Industry and Resources  
Level 4, Centrepoint Building  
48-50 Smith Street Mall  
**DARWIN NORTHERN TERRITORY**

*Attention: Matthew Bird*

Dear Louis Gomas

**Revision of a part of an Environmental Management Plan: Beetaloo Basin Groundwater Monitoring Bore Installation Program Kyalla 117 N2 Approved 10 December 2018.**

I refer to the correspondence from Matthew Bird dated on 15 February 2019 regarding the revisions of a part of the Kyalla 117 N2 Groundwater monitoring bore installation project Environmental Management Plan (referred to herein as the "EMP").

Origin is proposing to amend a part of the EMP to include the installation of the impact groundwater monitoring bores and associated additional disturbance. These impact groundwater monitoring bores are a requirement of the Draft Code of Practice for Petroleum Activities in the Northern Territory and Preliminary Guideline: Groundwater Monitoring Bores for Exploration Petroleum Wells in the Beetaloo Sub-basin.

The variation seeks to include minor additional scope covering the following construction activities:

- a 50x50m ground water monitoring bore lease area
- 400m x 4m of access track.
- drilling of a total of 2 groundwater monitoring bores

The activities are located adjacent to the existing groundwater monitoring bores and are consistent with the activities covered under the approved Beetaloo Basin Groundwater Monitoring Bore Installation Program Kyalla 117 N2 EMP (approved 10 December 2018). Please note that the subject land areas currently approved by custodians, the NLC and AAPA Certificate C2018/103 remains unchanged, and the clearing is within this approved area.

The following aspects are relevant to the minor scope variation request

- **Environment**
  - The additional scope of work and associated risk profile are identical to that covered by the current and approved Groundwater Monitoring Bore Installation Program- Kyalla 117 N2 EMP. The scope variation will not result in an increase in environmental risk.





