



## Rulings

### Pursuant to Section 162(2) of the Exclusive Economic Zone and Continental Shelf (Environmental Effects) Act 2012

<b>Company Name</b>	AWE Taranaki Limited
<b>Date of Request</b>	14 March 2014
<b>Title of Request</b>	Pateke-4H Seabed Equipment Installation
<b>Reference for Request</b>	EEZ0110AWE
<b>Existing structure or submarine pipeline</b>	Tui Oil Field - Wells, Subsea Production & Utilities Lines
<b>Petroleum mining permit or existing privilege</b>	PMP 38158

The Environmental Protection Authority (EPA) hereby provides a Ruling to the effect that the adverse effects on the environment or existing interests of the following activities, identified in the request EEZ0110AWE, are likely to be minor or less than minor;

The placement of the following structures on the seabed, resulting in alterations to the existing structure and pipelines:

- 1
    - a) Installation of a gas lift manifold weighing around 30 tonnes and dimensions of 10m x6.5m x3m within 20m of Pateke-4H
    - b) Installation of a Subsea Distribution Unit (SDU) weighing around 4 tonnes and dimensions of 4m x2.5m within 20m of Pateke-3H
    - c) Installation of an Umbilical Termination Assemble (UTA) weighing around 3 tonnes and dimensions of 3m x2.5m within 20m Pateke-4H wellhead.
-

---

The placement of the following submarine pipelines on the seabed, resulting in alterations to the existing structure and pipelines:

- 2
- a) Installation of a 200mm I.D X 1,300m long production flow line linking Pateke-4H production with the existing Pateke-3H flow line. The two lines will be linked at Pateke-3H using a two-way manifold that is attached to the existing subsea tree.
  - b) Installation of an integrated umbilical comprising of a gas lift line approximately 75 mm in diameter and electrical and hydraulic lines, between the SDU and Pateke-4H.
  - c) Installation of a gas lift jumper line installed between the gas lift manifold and the SDU.
  - d) Installation of a gas lift jumper line installed between the gas lift manifold and the Pateke-3H.

---

3 Disturbance of the seabed and subsoil as a result of placing the structures and pipelines restricted by s20(a) and (b) as described in 1 and 2 above and due to the movements of divers and remotely operated vehicles (ROV).

---

4 Suspension, resettlement and deposit of sediment on the seabed as a result of disturbing the seabed during the placing of the structures and pipelines restricted by s20(a) and (b) as described in 1 and 2 above.

---

5 Disturbance and damage of the seabed as a result of placing the structures and pipelines restricted by s20(a) and (b) as described in 1 and 2 above and movements of divers and ROV.

---

6 The placement of the structures and pipelines restricted by s20(a) and (b) as described in 1 and 2 above, that are placed in the water in conjunction with the seabed equipment installation, and the resulting alteration to the existing structure and pipelines.

---

Provided Under Delegated Authority:



Sarah Gardner

**General Manager, Applications & Assessment**

**Environmental Protection Authority**

Date: 15 May 2014