



CONSOLIDATED APPROVAL NOTICE

Pluto Gas Field (EPBC 2006/2968)

The attached notice (Attachment A) is provided to consolidate the approval conditions for the above project, approved on 12 October 2007. The approval conditions were subject to variation on the date of this consolidated approval notice. These decisions are publicly available on the department's website at http://www.environment.gov.au/cgi-bin/epbc/epbc_ap.pl?name=current_referral_detail&proposal_id=2968

The publication of this notice does not alter the dates of: effect for the approval; the variations to conditions; the expiry date of the approval; or any other dates mentioned in conditions. The consolidated approval notice is for ease of reference only.

Name and position

Shane Gaddes
Assistant Secretary
Compliance and Enforcement Branch

Date of Consolidated Approval Notice

14 / 6 / 2015



Australian Government
Department of the Environment

Pluto Gas Field (EPBC 2006/2968)

This decision is made under sections 130(1) and 133 of the *Environment Protection and Biodiversity Conservation Act 1999*.

Proposed action

person to whom the approval is granted	Woodside Energy Ltd.
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proponent's ACN	005 482 986
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proposed action	To develop and operate the Pluto Gas Field, including the option of Site B for the location of the onshore gas treatment plant, at the Burrup Peninsula and the North West Shelf, Western Australia [See EPBC Act referral EPBC 2006/2968].
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Approval

Controlling Provision	Decision
Listed threatened species and communities (sections 18 & 18A)	Approved
Listed migratory species (sections 20 & 20A)	Approved
Commonwealth marine areas (sections 23 & 24A)	Approved

conditions of approval

This **approval** is subject to the conditions specified below.

expiry date of approval

This approval has effect until 31 December 2037.

Decision-maker

name and position	Malcolm Bligh Turnbull Minister for the Environment and Water Resources
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signature	SIGNED
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date of decision	12 October 2007
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Conditions attached to the approval

1. The person taking the action must submit, for the approval of the **Minister**, a plan (or plans) for managing the offshore impacts of the action. The plan (or plans) must include measures for:
 - a) drilling operations
 - i. drilling fluid type and disposal method;
 - ii. drill cuttings disposal method;
 - iii. fuel and chemical handling and transfer procedures;
 - iv. cetacean interaction procedures for supply vessels and aircraft that are consistent with Part 8 of the Environment Protection and Biodiversity Conservation Regulations 2000; and
 - v. cetacean and Whale shark (*Rhincodon typus*) sightings reporting.
 - b) construction and installation
 - i. design and construction that allow for the decommissioning of all structures and components above the sea floor;
 - ii. impacts and management measures for reuse of any spoil ground material;
 - iii. details of the final selection of well locations, anchor type and placements, and flowline paths;
 - iv. hydrotest fluid type, handling and risk assessment of disposal impacts;
 - v. cetacean interaction procedures for vessels and aircraft that are consistent with Part 8 of the Environment Protection and Biodiversity Conservation Regulations 2000; and
 - vi. cetacean and Whale shark (*Rhincodon typus*) sightings reporting.
 - c) operations
 - i. trading tanker vetting procedures;
 - ii. the monitoring and disposal of produced water (PW) , including the analysis of expected PW chemistry, baseline biological and physical information at the PW outfall site, toxic impacts of PW on marine flora and fauna based on ecotoxicological, bioaccumulation and biodegradation studies, industry best practice disposal of PW monitoring and reporting of biological and physical indicators and, contingency measures if adverse impacts are indicated;
 - iii. monitoring and management the collection, handling and disposal of naturally occurring radioactive materials (NORMs);
 - iv. interaction procedures for supply vessels and aircraft that are consistent with Part 8 of the *Environment Protection and Biodiversity Conservation Regulations 2000*; and
 - v. cetacean and Whale shark (*Rhincodon typus*) sightings reporting.

Individual offshore activities may not commence until the plan (or plans) for that specific activity has been approved. The approved plan (or plans) must be implemented.

2. The project must have an approved sea dumping permit pursuant to the *Environment Protection (Sea Dumping) Act 1981*.
3. The person taking the action must prepare and submit a Dredging and Dredge Spoil Management Plan to the **Minister** for approval before capital dredging commences. Dredging must not commence until the plan has been approved. The approved plan must be implemented. The plan must include measures to address the following:
 - a) turbidity plume and coral health monitoring, including dredging exclusion periods;
 - b) measures to protect cetaceans, dugongs and turtles – including the use of turtle excluder devices on the drag heads on the dredger;
 - c) minimising impacts to sea turtles and marine mammals from marine blasting including developing procedures to ensure a watch is maintained in the area before blasting or dredging commences and avoiding sensitive periods for fauna;
 - d) triggers for initiating adaptive management; and
 - e) reactive and post dredge monitoring, including reporting timeframes.
4. The person taking the action must submit for the **Minister's** approval an oil spill contingency plan to mitigate the environmental effects of any hydrocarbon spills. The oil spill contingency plan must include:

- a) the types of dispersants, protective booms, clean up gear, and related equipment to be used in the event of an oil spill and their storage arrangements;
- b) training of staff in oil spill response measures;
- c) identification of sensitive areas, and specific response measures for these areas; and
- d) the reporting of oil spill incidents.

Offshore construction may not commence until the plan is approved. The approved plan must be implemented.

5. The person taking the action must submit, for the **Minister's** approval, a plan (or plans) for managing the impacts of the action on the Olive python (Pilbara subspecies) (*Liasis olivaceus barroni*). The plan (or plans) must include measures for:
 - a) minimising area of disturbance during site design, particularly with regard to preferential habitat for the Olive python;
 - b) identifying and protecting significant habitat areas within Site A and Site B;
 - c) conducting surveys for Olive python in conjunction with site clearance and preparation activities and capture and relocation of pythons where possible;
 - d) training of a member of site personnel or use of a qualified snake handler or animal carer to identify and capture any Olive pythons within the disturbance area for relocation under advice of the WA **Department of Parks and Wildlife**;
 - e) designating access and onsite vehicle tracks;
 - f) implementing a speed limit on site;
 - g) reporting Olive python sightings and any road kill/injuries to the **Department**; and,
 - h) prohibiting domestic animals on site.

Onshore construction activities may not commence until the plan has been approved. The approved plan (or plans) must be implemented.

6. The person taking the action must submit, for the **Minister's** approval, a plan (or plans) for managing the impacts of the action on the Sea Turtles and marine mammals prior to commencement of works. The plan (or plans) must include measures for:
 - a) minimising the area of disturbance during site design, particularly with regard to habitat for listed Sea turtles and marine mammals;

- b) the induction of contractors prior to works in such matters as sensitive habitat locations;
 - c) maintaining sightings of sea turtles and marine mammals and reporting details of any incidents that occur in disposal operations that result in injury or mortality of marine mammals or sea turtles to the **Department**;
 - d) minimising light emissions onto the beach to the west of site A and onto the water from the standalone jetty, including such measures as reducing light spill, during construction and operations; and,
 - e) monitoring of the beach at Holden Point for turtle nesting up to and including construction and reporting this information to the **Department**.
7. At the conclusion of construction works, the person taking the action must provide a certificate stating that the person taking the action has complied with the conditions of this Approval.
 8. At least twelve months before the expiry of the period for which this approval has effect, the person taking the action must submit a decommissioning plan for approval by the **Minister** that considers the removal of all structures and components above the sea floor, including, subsea wells, manifolds and flowlines, and any other associated infrastructure and the disposal and management of any NORMS. Decommissioning may not commence until the plan is approved. The approved plan must be implemented.
 9. Within eighteen months of the commencement of construction, the person taking the action must ensure that an independent audit of compliance with the conditions of approval is conducted. The independent auditor must be approved by the **Minister**. The audit criteria must be agreed by the **Minister** and the audit report must address the criteria to the satisfaction of the **Minister**.
 10. Note: Condition 10 was revoked on the date of this consolidated notice.
 11. If the person taking the action proposes to undertake any **subsea tie-in** not included in approved plans pursuant to condition 1, the person taking the action must revise such plans or submit a new plan or plans so as to address the activities associated with, and potential environmental impacts of, the **subsea tie-in**. Activities associated with **subsea tie-ins** may not be commenced until each such plan or revised plan has been approved by the **Minister**. Each plan or revised plan that has been approved by the **Minister** must be implemented.
 12. If the person taking the action wishes to carry out any activity otherwise than in accordance with the plans referred to in conditions 1, 3, 4, 5, 6 and 8, the person taking the action may submit for the **Minister's** approval a revised version of any such plan. If the **Minister** approves a revised plan so submitted, the person taking the action must implement that plan instead of the plan as originally approved.
 13. If the **Minister** believes that it is necessary or desirable for the better protection of the environment to do so, the **Minister** may request the person taking the action to make specified revisions to a plan approved pursuant to conditions 1, 3, 4, 5, 6 and 8 and to submit the revised plan for the **Minister's** approval. The person taking the action must comply with any such request. If the **Minister** approves a revised plan pursuant to this condition, the person taking the action must implement that plan instead of the plan as originally approved.

This condition does not apply to plans for which condition 15 applies.

14. Within five years of the date of this approval, the person taking the action must provide to the satisfaction of the **Minister** evidence that the proposal has been substantially commenced. If the **Minister** is not satisfied that there has been substantial

commencement of the Pluto Gas Development, the Pluto Gas Development must not thereafter be commenced.

Note. The date stated in condition 14 relates to the date of the approval decision (12 October 2007).

15. A plan required by condition 1, 4, 8, 11 or 12 is automatically deemed to have been submitted to, and approved by, the **Minister** if the measures (as specified in the relevant condition) are included in an **environment plan** (or environment plans) relating to the taking of the action that:
- a) was submitted to **NOPSEMA** after 27 February 2014; and
 - b) either:
 - i) is **in force** under the **OPGGS Environment Regulations**; or
 - ii) has ended in accordance with regulation 25A of the **OPGGS Environment Regulations**.
- 15A. Where a plan required by condition 1, 4, 11 or 12 has been approved by the **Minister** and the measures (as specified in the relevant condition) are included in an **environment plan** that:
- a) was submitted to **NOPSEMA** after 27 February 2014;
 - b) either:
 - i) is **in force** under the **OPGGS Environment Regulations**; or
 - ii) has ended in accordance with regulation 25A of the **OPGGS Environment Regulations**.
- 15B. Where an **environment plan**, which includes measures specified in the conditions referred to in conditions 15 and 15A above, is **in force** under the **OPGGS Environment Regulations** that relates to the taking of the action, the person taking the action must comply with those measures as specified in that **environment plan**.

Definitions

Department: the Australian Government Department or any other agency administering the *Environment Protection and Biodiversity Conservation Act 1999* (Cth) from time to time.

Department of Parks and Wildlife: The Western Australian Department of Parks and Wildlife or subsequent Western Australian government agency responsible for native wildlife.

Environment Plan: an environment plan as existing from time to time which has the meaning given in the **OPGGS Environment Regulations**.

In force: in relation to an **environment plan**, has the meaning given in the **OPGGS Environment Regulations**.

Minister: the Minister administering the *Environment Protection and Biodiversity Conservation Act 1999* (Cth) and includes a delegate of the Minister.

NOPSEMA: the National Offshore Petroleum Safety and Environmental Management Authority or any other agency that administers the **OPGGS Environment Regulations** from time to time.

Offshore Construction: all activities related to production drilling, installation and commissioning of the Pluto Gas Development.

OPGGS Environment Regulations: Offshore Petroleum and Greenhouse Gas Storage (Environment) Regulations 2009 (Cth) as in force or existing from time to time.

Subsea tie-ins: means the construction and operation of subsea wells, flowlines and other related infrastructure for the purpose of extracting gas from hydrocarbon reserves (other than the Pluto gas reservoir) within that area and conveying that petroleum to the platform located at the site of the Pluto hydrocarbon reservoir.