

Decommissioning Progress in 2022

Woodside is progressing an Environmental Plan Strategy to meet its obligations under the *Offshore Petroleum Greenhouse Gas Storage Act*. The Strategy separates Environmental Plans based on activity type, complexity and location.

Two Environment Plans are proposed to be submitted to NOPSEMA for the decommissioning of the Minerva field. Following studies conducted in 2022, all equipment is proposed to be removed from the field.

The **Minerva Field Management and Well Plug and Abandonment (P&A) Environment Plan** covers the following scope:

- P&A of four Minerva wells; and
- continue field management scopes which comprise inspection, maintenance, monitoring and repair (IMMR) and remotely operated vehicle (ROV) surveys on the remaining subsea infrastructure, as required.

The Environment Plan was submitted in June 2022. It remains under assessment, with Titleholder, and is anticipated to be resubmitted around Q1 2023.

The **Minerva Facilities Decommissioning Environment Plan** covers the following scope:

- remove all subsea infrastructure within the Minerva field in Permit Area VIC/L22; and
- remove pipeline and pipeline bundle within Commonwealth waters in pipeline licence VIC/PL33

The Environment Plan is under development and is anticipated to be submitted around Q1 2023.

During 2022, the following other activities were undertaken:

- engineering studies to support the decommissioning strategy; and
- contaminants analysis of onshore and offshore pipeline spools.

Decommissioning Plan in 2023

During 2023, the following activities are planned:

- submission and acceptance of regulatory permitting documents;
- tender development for the well P&A scope and issue to the market;
- tender development for the facilities removal scope and issue to the market;
- tender evaluations and contract awards; and
- equipment procurement and early works in advance of full decommissioning activities, as required.

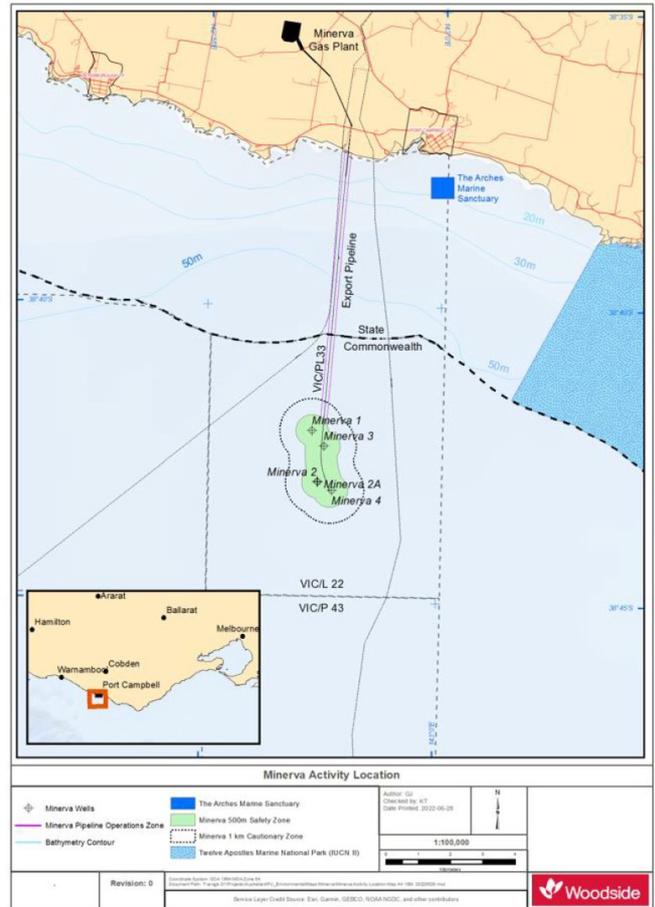


Figure 2. Minerva Operational Area

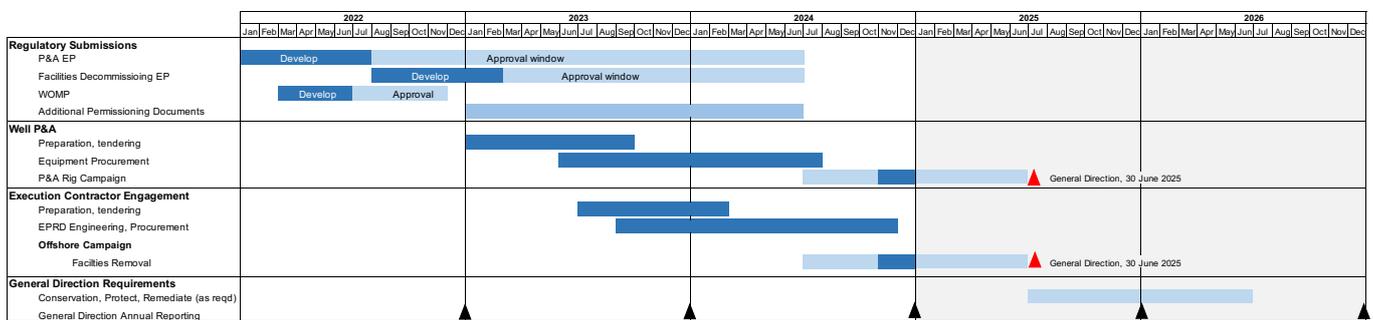
General Direction 831

| Direction | Key Tasks | Progress in CY 2022 | Look-ahead for CY 2023 |
|--|--|---|---|
| <p>Direction 1</p> <p>Plug or close off, to the satisfaction of NOPSEMA, all wells made in the title area by any person engaged or concerned in operations authorised by the title as soon as practicable and no later than 30 June 2025.</p> | <ul style="list-style-type: none"> WOMP submission P&A EP submission Rig contracting | <ul style="list-style-type: none"> WOMP submitted June 2022, conditionally accepted November 2022 P&A EP submitted 30 June 2022, RFFWI received August 2022 Updated submission delayed due to changes in scope associated with consultation updates associated with Santos NA Barossa Pty Ltd v <i>Tipakalippa</i> Federal Court ruling Rig availability study completed Q2 2022 Regional rig consortium established with other local operators to establish rig sharing agreements | <ul style="list-style-type: none"> WOMP update with detailed design on well kill methods completed P&A EP resubmission planned for around Q1/2 2023, acceptance around Q3 2023. This may be delayed through the extended consultation period as required by change in law (Santos NA Barossa Pty Ltd v <i>Tipakalippa</i> Federal Court decision), introducing schedule risk Development of rig tender, tender evaluation and recommendation for contract award Rig contract award around Q2 2023 (earliest) |
| <p>Direction 2</p> <p>Remove, or cause to be removed, to the satisfaction of NOPSEMA, from the title area all property brought into that area by any person engaged or concerned in the operations authorised by the title as soon as practicable and no later than 30 June 2025</p> | <ul style="list-style-type: none"> EP development, concept studies Decommissioning EP submission and acceptance Development of other regulatory emission documents. Tender development, contract award | <ul style="list-style-type: none"> Environment Plan Strategy and end state for equipment finalised, with all equipment proposed to be removed from the petroleum title. Technical studies conducted on pipeline removal methods Further contaminants analyses conducted on recovered offshore spools Facilities Decommissioning EP under development Submission delayed due to consultation updates associated with change in law (Santos NA Barossa Pty Ltd v <i>Tipakalippa</i> Federal Court decision). Safety Case revision accepted January 2022 No Sea Dumping Permits are required as all equipment is being removed Development of contracting and execution strategy | <ul style="list-style-type: none"> Waste management studies to be conducted Submission of Facilities Decommissioning EP planned for submission around Q1/2 2023, acceptance around Q4 2023. This may be delayed through the extended consultation period as required by change in law (Santos NA Barossa Pty Ltd v <i>Tipakalippa</i> Federal Court decision), introducing schedule risk Submission and acceptance of Safety Case updates, as required (dependent on activity timing) Invitation to tender for EPRD scope developed and issued around Q2/3 2023, tender evaluation and recommendation completed |
| <p>Direction 3</p> <p>Until such time as direction 1 are complete, maintain all property on the title to NOPSEMA's satisfaction, to ensure removal of the property is not precluded.</p> | <ul style="list-style-type: none"> EP development and submission | <ul style="list-style-type: none"> P&A and Field Management EP submitted in June 2022, detailing ongoing field management activities. Integrity of the subsea infrastructure will be managed as outlined in the Woodside Minerva Subsea Integrity Management Plan | <ul style="list-style-type: none"> Ongoing field management activities, as required. No maintenance activities are planned in 2023 as 5 yearly inspections were completed in 2021. |
| <p>Direction 4</p> <p>Provide, to the satisfaction of NOPSEMA, for the conservation and protection of the natural resources in the title area within 12 months after property referred to in direction 1 is removed</p> | <ul style="list-style-type: none"> EP development and submission | <ul style="list-style-type: none"> Facilities Decommissioning EP developed in Q3/4 2022, detailing conservation and protection measures and how the requirements of S270 will be met | <ul style="list-style-type: none"> Facilities Decommissioning EP submitted around Q1 2023, accepted around Q4 2023 |

| Direction | Key Tasks | Progress in CY 2022 | Look-ahead for CY 2023 |
|---|---|---|---|
| Direction 5 Make good, to the satisfaction of NOPSEMA, any damage to the seabed or subsoil in the title area caused by any person engaged or concerned in the operations authorised by the title within 12 months after the property | <ul style="list-style-type: none"> EP development and submission | <ul style="list-style-type: none"> Facilities Decommissioning EP developed in Q3/4 2022, detailing conservation and protection measures and how the requirements of S270 will be met | <ul style="list-style-type: none"> Facilities Decommissioning EP submitted around Q1 2023, accepted around Q4 2023 |
| Direction 6 Annual progress reporting until all directions have been met | <ul style="list-style-type: none"> Annual Progress report | <ul style="list-style-type: none"> 2022 Annual report submitted December 2022 | <ul style="list-style-type: none"> Submit annual progress report in December 2023 |

Schedule

An indicative schedule of the decommissioning activities is provided below:



Providing feedback

If you would like to comment on the proposed activities outlined in this information sheet, or would like additional information, please contact Woodside via:

E: Feedback@woodside.com.au

Toll free: 1800 442 977