

Environmental Protection Act 1986**Section 45C****NOTICE OF DECISION TO CONSENT TO AMEND AN APPROVED PROPOSAL
AND IMPLEMENTATION CONDITIONS
WITHOUT INQUIRY****PERSON TO WHOM THIS NOTICE IS GIVEN**

Australian Gold Reagents Pty Ltd

PROPOSAL TO WHICH THIS NOTICE RELATES

Sodium Cyanide Plants (Liquid and Solid) at Kwinana and Transport of Sodium Cyanide by Road and Rail from Kwinana

MINISTERIAL STATEMENT and ANY APPROVED CHANGES

MS 1196, issued 23/08/2022

DECISION

Pursuant to s. 45C (1) (c) of the *Environmental Protection Act 1986* (EP Act), the Chair acting as delegate for the Minister for Environment gives approval to the following amendments of the approved proposal and implementation conditions:

- Expand the production capacity of the liquid sodium cyanide plants from 110,000 tonnes per annum (tpa) to 150,000 tpa and the solid plant from 60,000 tpa to 105,000 tpa through plant upgrades and debottlenecking.
- Decommissioning of the Maxitherm Incinerator at the sodium cyanide liquid plant and replacement with a John Zink incinerator to reduce greenhouse gas emissions intensity.
- Amend the disturbance footprint and clarify the development envelope extent due to upgrading existing, and the construction of new, ancillary infrastructure.
- Replace condition 1-1 to reflect the increase in production and changes to disturbance areas.

The amended proposal content document and figures are attached.

SUMMARY OF REASONS

- Air quality modelling was undertaken to model the impact of increasing the capacity of the plants. Results from the highly conservative air quality modelling indicate that it is highly unlikely that atmospheric emissions will result in exceedances of established air quality criteria at any sensitive receptors during both normal and upset conditions.

- There will be no increase in greenhouse gas emissions as the new John Zink incinerator will reduce emissions intensity by reducing nitrous oxide emissions.
- The entire CSBP Kwinana site is licensed under Part V of the *Environmental Protection Act 1986*. Emissions and discharges from the facility into the atmosphere and marine environment can continue to be managed under Part V of the *Environmental Protection Act 1986*. Groundwater abstraction will remain within the current licence limits and can continue to be managed under the *Rights in Water and Irrigation Act 1914*. Noise emissions will remain within the limits set in the *Environmental Protection (Noise) Regulations 1997*.
- Clearing of 0.23 ha of regrowth vegetation is required. The vegetation is in a degraded condition as it is dominated by weeds with few native species; it is unlikely that the clearing will significantly impact any conservation significant flora, vegetation or fauna.
- In considering this, the effects of the proposed change on its own, the effect of the amendment in the context of the existing referred proposal, cumulative and holistic impacts have been considered.
- it is considered that the requested amendments to the ministerial conditions are not considered to be significant as the proposed amendment would not result in a change to the magnitude of impacts originally considered and assessed.

EFFECT OF THIS NOTICE:

1. The proposal as amended in accordance with this notice is taken to be able to be implemented under s. 45 of the EP Act.

RIGHTS OF APPEAL:

There are no rights of appeal under the EP Act in respect of this decision.



Ms Lee McIntosh
Delegate of the Environmental Protection Authority
Deputy CHAIR

27 August 2023

Attachment 1- Amended proposal content document and figures showing the new approved proposal

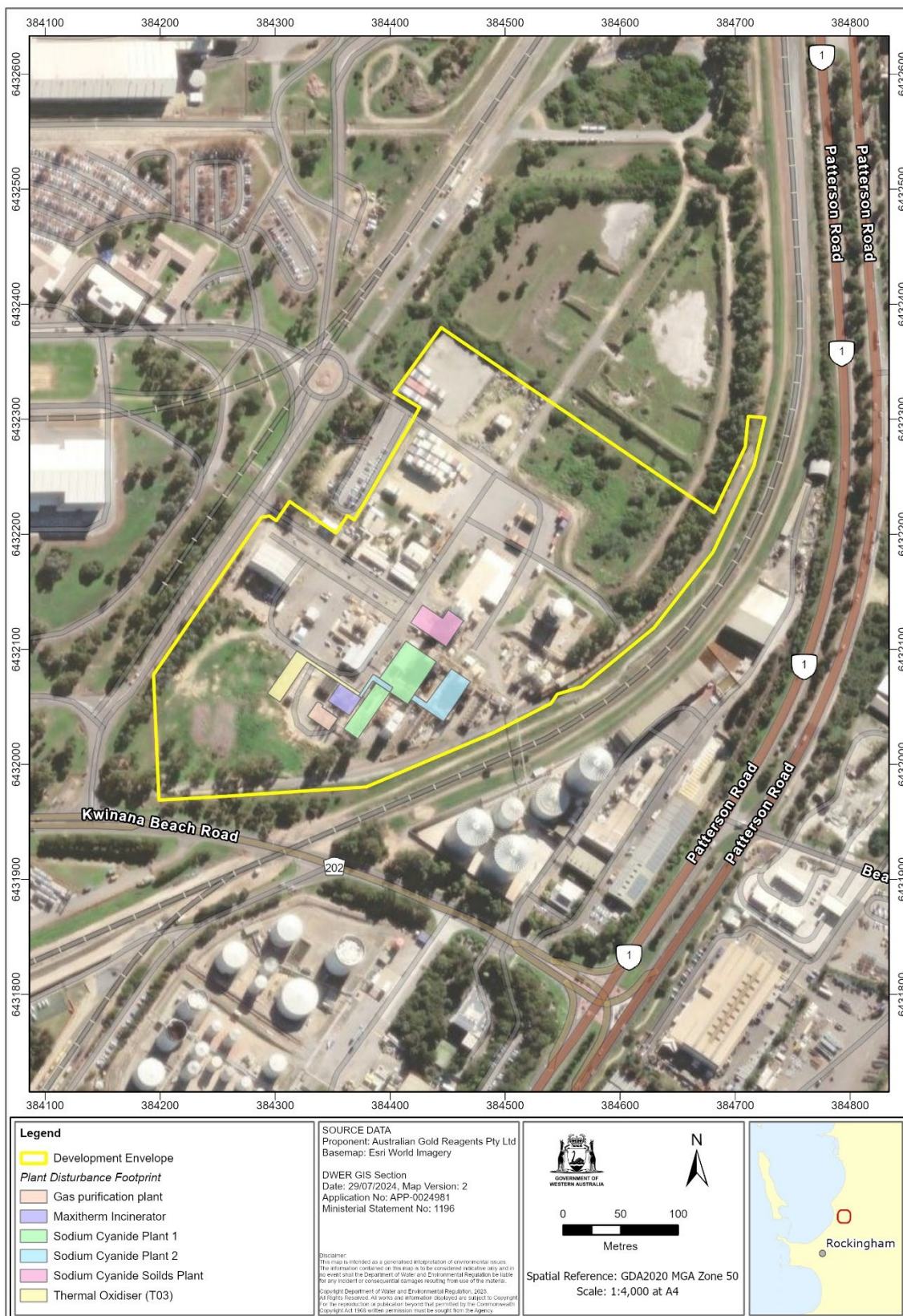


Figure 1 Revised development envelope and plant disturbance footprint