GOVERNMENT OF WESTERN AUSTRALIA

Environmental Protection Authority

Environmental Protection Act 1986

Section 43A

NOTICE OF DECISION TO CONSENT TO AMEND A REFERRED PROPOSAL DURING ASSESSMENT

PERSON TO WHOM THIS NOTICE IS GIVEN

Mr Jake Cutler
Planning and Environment Manager
APA DEWAP Pty Ltd (ACN: 058 070 689)
Level 18, Raine Square, 300 Murray Street
PERTH WA 6000

PROPOSAL TO WHICH THIS NOTICE RELATES

Port Hedland Power Station Expansion – Assessment No. 2307

DECISION

Pursuant to s. 43A of the *Environmental Protection Act 1986* (EP Act), the Environmental Protection Authority (EPA) gives approval to the assessment of the proposal being completed in respect of the proposal as amended in accordance with the proponent's request:

- Change the name of the proposal to Pilbara Energy Project Expansion.
- Removal of the Boodarie Power Station and its associated greenhouse gas (GHG) emissions from the proposal.
- Removal of the Port Hedland Gas Pipeline from the proposal.
- Removal of the Battery Energy Storage System from the proposal.
- Removal of the back-up generating plant in Newman from the proposal.
- Removal of the reference to the closure of the existing diesel-powered Newman Power Station from the proposal.
- Modification of the configuration of the development envelope and disturbance footprint due to the removal of the Port Hedland Gas Pipeline from the proposal.
- Specifying that the maximum extent of the Proposal development envelope is 2,549 hectares (ha).
- Specifying that the maximum extent of the Port Hedland Power Station disturbance footprint is up to 15.75 ha.
- Specifying that the maximum extent of the Port Hedland to Newman Transmission Line disturbance footprint is up to 450 ha.

Prime House, 8 Davidson Terrace Joondalup, Western Australia 6027
Postal Address: Locked Bag 10, Joondalup DC, Western Australia 6919
Telephone: (08) 6364 7000 | Facsimile: (08) 6364 7001 | Email: info.epa@dwer.wa.gov.au
www.epa.wa.gov.au

- Change the proposal physical element “Gas turbine power station” to “Power Station”.
- Change the proposal operational element “Gas turbine power station” to “Power Station”.
- Clarification that the revised proposal is ‘Increasing the nominal total generating capacity of the Port Hedland Power Station from 140 MW to 200 MW via the installation of a natural gas fuelled reciprocating engine generating set producing 60 MW’.
- Specifying that the maximum Scope 1 GHG emissions quantity for the proposal will increase from approximately 834,192 tonnes of CO_2-e per annum up to 1,084,019 tonnes of CO_2-e per annum to reflect the increase in nominal maximum generating capacity from 140 MW to 200 MW.
- Specifying that the Scope 3 GHG emissions for the Power Station are about 84,147 tonnes of CO_2-e per annum.
- Removal of the reference to the commissioning of the Port Hedland Gas Pipeline.

The EPA also notes the change of proponent name to APA DEWAP Pty Ltd. Since the proponent’s ACN has not changed, the corporate entity has not changed and responsibility for the proposal has not been transferred to another entity.

The amended proposal content document and figures are attached.

SUMMARY OF REASONS

- Changing the name of the proposal to Pilbara Energy Project Expansion is appropriate as the proposal is being assessed as a significant amendment to the previously approved Pilbara Energy Project.
- The removal of the Boodarie Power Station and its associated GHG emissions is appropriate as it is managed under Ministerial Statement 393 rather than Ministerial Statement 333 for the existing Pilbara Energy Project.
- The removal of the Port Hedland Gas Pipeline is appropriate given that it is already constructed a, and currently owned and operated by APA Group Limited rather than APA DEWAP Pty Ltd and potential operational and decommissioning impacts can be regulated by the Department of Energy, Mines, Industry Regulation and Safety (DEMIRS) under the *Petroleum Pipelines Act 1969* and the Petroleum Pipelines (Environment) Regulations 2012.
- The removal of the Battery Energy Storage System is appropriate as it relates to Alinta’s nearby renewable energy project which will support a number of facilities (not just the Pilbara Energy Project Expansion) and will be assessed under separate planning approvals processes and is to be constructed within existing cleared hardstand areas.
- The removal of the back-up generating plant in Newman is appropriate as it is no longer relevant to the current proposal.

- The removal of the reference to the closure of the existing diesel-powered Newman Power Station from the proposal is appropriate as it is no longer relevant because it was decommissioned between 1996 and 2003.
- The modification of the configuration of the development envelope and disturbance footprint is appropriate given that the Port Hedland Gas Pipeline has been removed from the proposal.
- Specifying that the maximum extent of the Proposal development envelope is 2,549 ha is appropriate given that this information is required for the EPA's assessment of the proposal.
- Specifying that the maximum extent of the Port Hedland Power Station disturbance footprint is up to 15.75 ha is appropriate given that this information is required for the EPA's assessment of the proposal.
- Specifying that the maximum extent of the Port Hedland to Newman Transmission Line disturbance footprint is up to 450 ha is appropriate given that this information is required for the EPA's assessment of the proposal.
- The requested change to the proposal physical and operational elements "Gas turbine power station" to "Power Station" is appropriate as the current proposal will result in the Port Hedland Power Station using a combination of gas turbines and natural gas fuelled reciprocating engine generators to produce electricity.
- Clarifying that the revised proposal is 'Increasing the nominal total generating capacity of the Port Hedland Power Station from 140 MW to 200 MW via the installation of a natural gas fuelled reciprocating engine generating set producing 60 MW' is appropriate as it replaces previous incorrect information regarding the increase in nominal total generating capacity.
- Specifying that the maximum Scope 1 GHG emissions quantity for the proposal will increase from approximately 834,192 tonnes of CO_2-e per annum up to 1,084,019 tonnes of CO_2-e per annum to reflect the increase in nominal maximum generating capacity from 140 MW to 200 MW is appropriate as this information is required for the EPA's assessment of the proposal.
- Specifying that the Scope 3 GHG emissions for the proposal are 84,147 tonnes of CO_2-e per annum is appropriate as this information is required for the EPA's assessment of the proposal.
- The removal of the reference to the commissioning of the Port Hedland Gas Pipeline is appropriate as the Port Hedland Gas Pipeline is no longer a component of the current proposal.

EFFECT OF THIS NOTICE

1. The assessment of the proposal is to be completed in respect of the proposal as amended in accordance with the decision set out in this notice.
2. The proposal as amended in accordance with this notice is taken to have been referred to the EPA under s. 38 of the EP Act.

RIGHTS OF APPEAL

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

Lee McIntosh
Deputy Chair
Delegate of the Environmental Protection Authority

17 June 2024

Att: Amended Proposal Content Document, Figures 1 and 2 and Summary of Reasons

Pilbara Energy Project Expansion

Amended Proposal Content Document

Table 1: General proposal content description

Proposal title	**Pilbara Energy Project Expansion.**
Proponent name	APA DEWAP Pty Ltd.
Short description	The proposal includes the expansion of the Power Station from 140 MW to 200 MW nominal total installed capacity and approximately 400 km of high-voltage power transmission line from Port Hedland to Newman.

Table 2: Proposal content elements

Proposal element	**Location / description**	**Maximum extent, capacity or range in the Referral Supporting Document, PEP CER, and MS 333.**	**Amended maximum extent, capacity or range**
Physical elements			
Gas turbine power station	Figure 1 and Figure 2.	Not specified in the Referral Supporting Document or MS 333, however, the PEP CER states: The overall facility will encompass an area of approximately 350 m x 450 m. This equals an area of about 15.75 ha.	**Power Station** with disturbance of no more than **15.75 ha** within a **2,549 ha** development envelope.
Transmission Line	Figure 1 and Figure 2.	Not specified in the Referral Supporting Document or MS 333, however, the PEP CER states: 400 km 220 kV transmission line, 25 – 35 m high with a span between towers of 300 – 400 m and a 60 m easement from Port Hedland to Newman and approximately 450 ha of disturbance.	Disturbance of no more than **450 ha** within a **2,549 ha** development envelope.
Operational elements			
Gas turbine power station	Figure 1 and Figure 2.	Not specified in MS 333. The PEP CER states: 140 MW nominal total installed capacity. Assumed to be based on the 35 MW nominal installed capacity of the three existing gas turbines and a fourth 35 MW gas turbine that was previously approved as part of the PEP, but not installed. The Referral Supporting Document specifies the installation of a 60 MW natural gas fuelled reciprocating engine generating set and supporting infrastructure.	**Power Station** with **200 MW** nominal total installed capacity.
Water Supply	N/A	Not specified in the Referral Supporting Document or MS 333, however the PEP	Water supply sourced from Port Hedland mains water supply.

Proposal element	Location / description	Maximum extent, capacity or range in the Referral Supporting Document, PEP CER, and MS 333.	Amended maximum extent, capacity or range
		CER states: Sourced from Port Hedland mains water supply.	
Proposal elements with greenhouse gas emissions			
Construction elements			
Scope 1	N/A	Not specified in the PEP CER, MS 333, or the Referral Supporting Document.	For the Power Station and the Transmission Line estimated to be less than **5,000 tonnes of CO_2-e** (emissions from small amounts of diesel fuel used for mobile construction equipment). Emissions associated with vegetation clearing for construction are estimated at **53,561 tonnes of CO_2-e**.
Scope 2	N/A	Not specified in the PEP CER, MS 333, or the Referral Supporting Document.	**Zero** scope 2 emissions.
Scope 3	N/A	Not specified in the PEP CER, MS 333, or the Referral Supporting Document.	Scope 3 emissions **unlikely to be significant**.
Operation elements			
Scope 1	N/A	Not specified in the PEP CER or MS 333. The Referral Supporting Document specifies an additional 249,827 tonnes of CO_2-e per annum produced from the 60 MW of natural gas fuelled reciprocating engines.	Total emissions of **1,084,019 tonnes of CO_2-e per annum** from the Power Station. Emissions from the Transmission Line estimated to be less than **50 tonnes of CO_2-e per annum** (emissions from small amounts of diesel fuel used for mobile maintenance equipment).
Scope 2	N/A	Not specified in the PEP CER, MS 333, or the Referral Supporting Document.	**Zero** scope 2 emissions.
Scope 3	N/A	Not specified in the PEP CER, MS 333, or the Referral Supporting Document.	Total emissions from the Power Station of about **84,147 tonnes of CO_2-e per annum**. Transmission Line scope 3 emissions **unlikely to be significant**.
Rehabilitation			
N/A	N/A	Not included in the Referral Supporting Document. The PEP CER indicates that all	All areas disturbed during construction that are no longer

Proposal element	Location / description	Maximum extent, capacity or range in the Referral Supporting Document, PEP CER, and MS 333.	Amended maximum extent, capacity or range
		areas disturbed during construction that are no longer required for the operation phase will be rehabilitated.	required for the operation phase will be rehabilitated.
Commissioning			
N/A	N/A	Not included in the Referral Supporting Document. The PEP CER indicates that the gas pipeline will be hydrostatically pressure tested. Commissioning of the gas turbine power station is not specified in the PEP CER or MS 333.	**Commissioning of the approved fourth gas turbine and/or the natural gas fuelled reciprocating engines.**
Decommissioning			
N/A	N/A	Not specified in the PEP CER, MS 333, or the Referral Supporting Document.	**Removal of all above surface infrastructure after cessation of operation.**
Timing elements			
Maximum project life	N/A	Not specified in the PEP CER, MS 333, or the Referral Supporting Document.	**55 years.**
Construction phase		Not specified in the Referral Supporting Document or MS 333. The PEP CER indicates: - Power Station: 18 months. - Transmission Line: 2 years. - Gas pipeline: 5 months.	**3 years.**
Operations phase		Not specified in the PEP CER, MS 333, or the Referral Supporting Document.	**50 years.**
Decommissioning phase		Not specified in the PEP CER, MS 333, or the Referral Supporting Document.	**2 years.**

Units and abbreviations

CER	Consultative Environmental Review
CO_2-e	carbon dioxide equivalent
DEMIRS	Department of Energy, Mines, Industry Regulation and Safety
ha	hectares
km	kilometres
MW	megawatts
PEP	Pilbara Energy Project

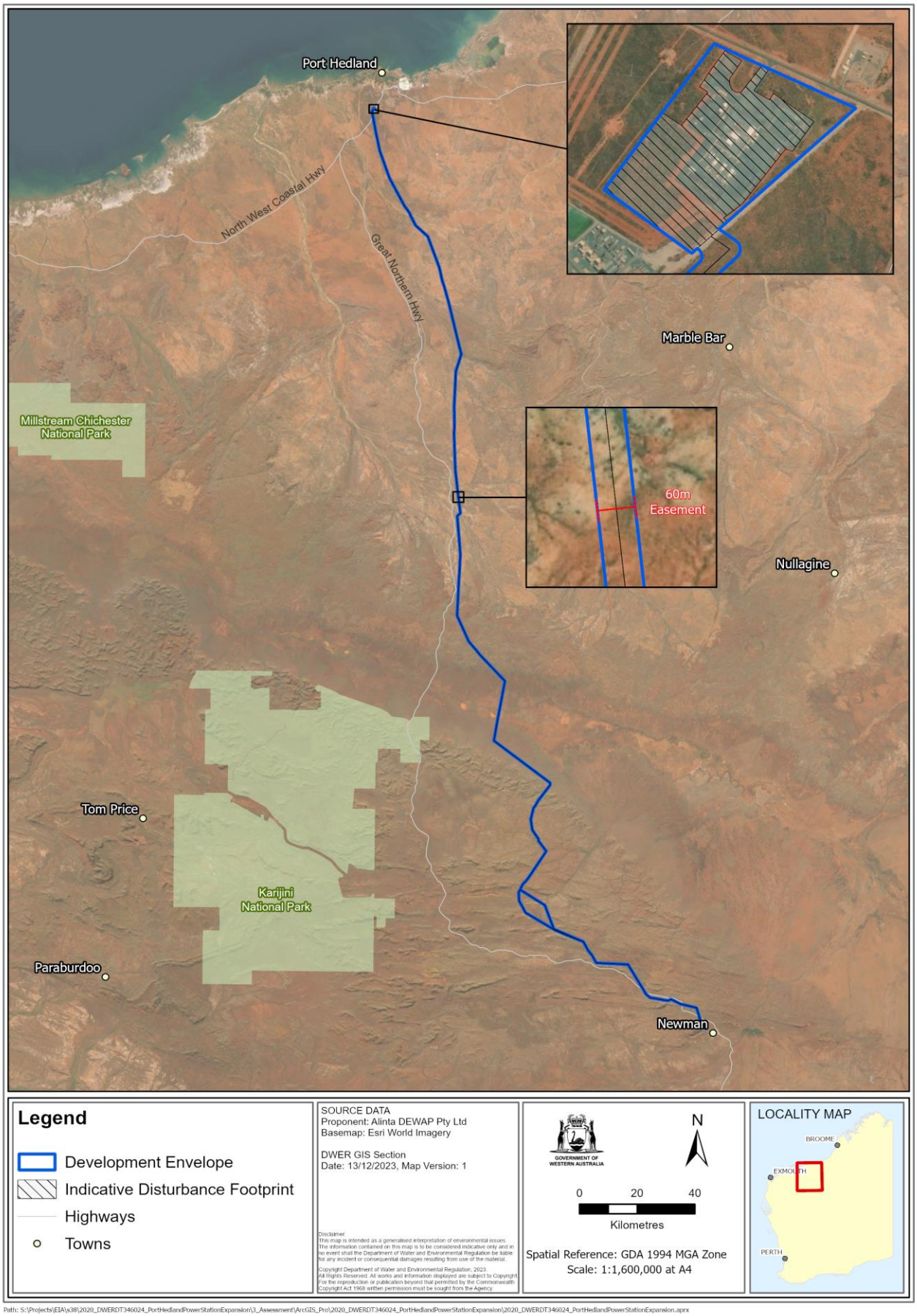

Figure 1: Project location, development envelope, and indicative disturbance footprint

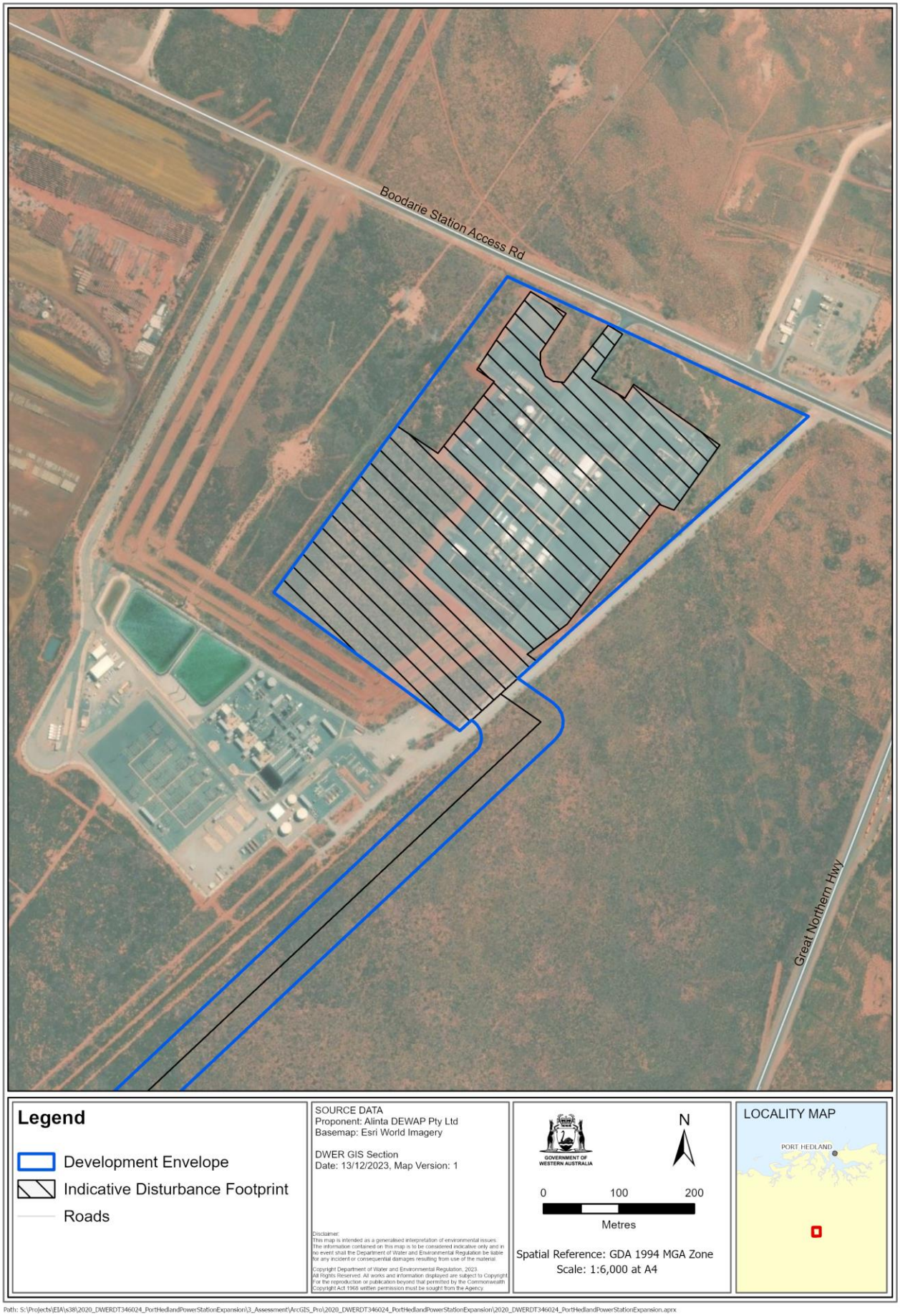

Figure 2: Proposal development envelope and indicative disturbance footprint