Government of Western Australia
Department of Water and Environmental Regulation

Works Approval

Works approval number	W2932/2025/1
Works approval holder	Western Energy Pty Ltd
ACN	102 984 252
Registered business address	AGL ENERGY LTD, Level 24, 200 George Street SYDNEY, NSW 2000
DWER file number	INS-0002932
Duration	18/02/2026 to 30/04/2028
Date of issue	18/02/2026
Premises details	Kwinana Swift Power Station Lot 13, 1 Burton Place Kwinana Beach Legal description - Deposited Plan 39572 Certificate of Title Volume 2230 Folio 46

Prescribed premises category description (Schedule 1, *Environmental Protection Regulations 1987*)	**Assessed production / design capacity**
Category 52: electric power generation	370 MW

This works approval is granted to the works approval holder, subject to the attached conditions, on 18 February 2026, by:

Melissa Chamberlain

Digitally signed by Melissa Chamberlain
Date: 2026.02.18 15:22:28 +08'00'

Manager Process Industries
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Works approval history

Date	Reference number	Summary of changes
18/02/2026	W2932/2025/1	Works approval granted.

Interpretation

In this works approval:

(a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;

(b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;

(c) where tables are used in a condition, each row in a table constitutes a separate condition;

(d) any reference to an Australian or other standard, guideline, or code of practice in this works approval:

(i) if dated, refers to that particular version; and

(ii) if not dated, refers to the latest version and therefore may be subject to change over time;

(e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and

(f) unless specified otherwise, all definitions are in accordance with the EP Act.

NOTE: This works approval requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this works approval.

Works approval conditions

The Works Approval Holder must ensure that the following conditions are complied with:

Construction phase

Infrastructure and equipment

1. The Works Approval Holder must:

(a) construct and/or install the infrastructure and/or equipment;

(b) in accordance with the corresponding design and construction / installation requirements; and

(c) at the corresponding infrastructure location; and

(d) within the corresponding timeframe,

as set out in Table 1.

Table 1: Design and construction / installation requirements

	Infrastructure	Design and construction / installation requirements	Infrastructure location
1.	4 x Siemens SGT-800 Industrial Gas Turbines	(a) Four gas turbines must have a total power generation capacity of 250 MW. (b) Turbines and generators must be within noise attenuation enclosures. (c) Dry low NOx burners must be fitted to treat emissions prior to discharge via the stacks. (d) Each turbine must be attached to an exhaust stack with at least 4 m internal diameter and 26.4 m above ground level. (e) Each stack must be fitted with a silencing section. (f) Each stack must be fitted with monitoring ports that meet the requirements of AS4323.1. (g) Each stack shall be fitted with ports to enable a continuous emissions monitoring system that: (i) monitors NO_2, SO_2 and CO; and (ii) adheres to the installation, calibration and operational quality controls of the CEMS Code. (h) Contained within a bund in accordance with the requirements of section 5.9 of AS 1940, that drains to an oil/water separator. (i) Dust suppression water must be utilised during earth disturbing activities that generate visible fugitive dust during installation of turbines.	As depicted in Schedule 1. Figure 2

	Infrastructure	Design and construction / installation requirements	Infrastructure location
		(j) Blue metal must be replaced if disturbed during installation works.	
2.	2 x Transformers	(a) Contained within a bund that drains to oil/water separator. (b) Bunded in accordance with the requirements of section 5.9 of AS 1940.	
3.	3 x 145.5 kL diesel storage tanks	(a) Each tank fitted with a leak monitoring and alarm shut down system. (b) 145.5 kL self-bunded tanks and pipework constructed in accordance with AS1940 and located within a concrete bund. (c) Diesel tanks must be stored in a bund that can contain 110% the volume of the largest vessel, or 10% of the total volume (which-ever is larger). (d) Diesel containment bunds must drain to oil/water separation system.	
4.	Electrical switch room	(a) Must be constructed to manufacturer's specifications.	
5.	Fuel centrifuge (if required)	(a) Must be constructed to manufacturer's specifications. (b) Must be fitted with a leak monitoring and alarm shut down system. (c) Minimum 145.5 kL self-bunded tanks and pipework constructed in accordance with AS4041, AS1940 and located within a concrete bund. (d) Diesel tanks must be stored in a bund that can contain 110% the volume of the largest vessel, or 10% of the total volume (which-ever is larger). (e) Diesel containment bunds must drain to oil/water separation system.	
6.	Liquid fuel skid and liquid fuel forwarding pump	(a) Contained within a bund that drains to oil/water separator (b) Bunded in accordance with the requirements of section 5.9 of AS 1940.	
7.	Liquid fuel piping	(a) Must be designed and constructed to meet applicable Australian/New Zealand standards including: i) Australian Standard 4041 Pressure Piping or ii) AS/NZS 2885.2.2020 Pipelines – Gas and liquid petroleum.	

	Infrastructure	Design and construction / installation requirements	Infrastructure location
		(c) All piping outside bunded areas must be fully welded and free of leaks. (d) Below ground pipework must be contained with a concrete culvert. (e) Flange connections must be contained within a bund that drains to oil/water separator. (f) Pipework, pumps transfer fixtures and fittings must be compatible with the liquids used in all processes. (g) Blue metal must be replaced if disturbed during installation works to mitigate dust emissions.	
8.	Wastewater pipelines	(a) Must be constructed of impervious material. (b) Must direct all wastewater to oil/water separator.	

Compliance reporting

2. The Works Approval Holder must within 30 calendar days of an item of infrastructure or equipment required by condition 1 being constructed or installed:

(a) undertake an audit of their compliance with the requirements of condition 1; and

(b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.

3. The Environmental Compliance Report required by condition 2 must include as a minimum the following:

(a) certification by a qualified engineer that the items of infrastructure or components thereof, as specified in condition 2, have been constructed in accordance with the relevant requirements specified in condition 1;

(b) as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1; and

(c) be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.

Pre-commissioning phase

4. The Works Approval Holder must, prior to commencing pre-commissioning and hydrostatic testing, submit a pre-commissioning and hydrostatic testing management plan to the CEO. The plan shall include details relating to:

(a) the Pre-commissioning and hydrostatic testing stages and expected timescales for pre-commissioning and hydrostatic testing;

(b) pre-commissioning and hydrostatic testing procedures;

(c) expected emissions and discharges during pre-commissioning and hydrostatic testing and the environmental implications of the emissions;

(d) how emissions and discharges will be managed during pre-commissioning and hydrostatic testing;

(e) how accidents or malfunctions will be managed; and

(f) format and timeframes for reporting including accidents, malfunctions and reporting against the pre-commissioning and hydrostatic testing management plan.

5. The works approval holder must, prior to commencing commissioning activities, submit a commissioning plan to the CEO for approval. The plan must include details relating to:

(a) the commissioning stages and expected timescales for commissioning

(b) expected discharges during commissioning and the environmental implications of these emissions;

(c) how emissions and discharges will be managed during commissioning;

(d) the monitoring that will be undertaken during the commissioning period;

(e) how accidents and malfunctions will be managed;

(f) start-up and shut-down procedures;

(g) format and timeframes for reporting including accidents, malfunctions and reporting against the commissioning plan, and;

(h) a copy of the leak detection and repair program.

Environmental commissioning phase

Environmental commissioning requirements and emission limits

6. The works approval holder may only commence environmental commissioning of an item of infrastructure listed in condition 7 once the Environmental Compliance Report has been submitted for that item of infrastructure in accordance with condition 2 of this works approval, and the Commissioning Plan has been submitted in accordance with condition 5.

7. Any environmental commissioning activities undertaken for an item of infrastructure specified in Table 2 may only be carried out:

(a) in accordance with the corresponding commissioning requirements; and

(b) for the corresponding authorised commissioning duration.

Table 2 : Environmental commissioning requirements

	Infrastructure	**Commissioning requirements**	**Authorised commissioning duration**
	4 x Siemens SGT-800 Industrial Gas Turbines	(a) Must be operated and maintained in accordance with the manufacturer's specifications (b) Dry low combustion technology must be implemented during hot commissioning (use of gas and diesel fuel) of turbines	For a period not exceeding 90 calendar days in aggregate

	Infrastructure	Commissioning requirements	Authorised commissioning duration
		(c) Immediate shutdown in instances of noncompliance or malfunctioning equipment.	
	Pipelines and pumps	(a) All pipelines and pumps must be hydrostatically tested for leaks (b) Must be regularly inspected for visible leaks (c) All spills must be recovered and disposed of in accordance with AS 1940. (d) Must be maintained and in a fit for purpose condition for containing liquids, and free of damage which may impact its ability to contain fluids.	

8. During environmental commissioning, the works approval holder must ensure that the emission(s) specified in Table 3, are discharged only from the corresponding discharge point(s) and only at the corresponding discharge point location(s).

Table 3: Authorised discharge points during commissioning

	Emission	Discharge point	Minimum stack height	Discharge point location
1.	NOx, CO, SOx, $PM_{2.5}$	Turbine stacks	26.4 m AGL	Stacks GTG2100, GTG2200, GTG2300, GTG2400 as depicted in Schedule 1: Figure 2: Map of equipment, infrastructure and discharge points.

9. During environmental commissioning, the works approval holder must ensure that the emissions from the discharge point listed in Table 4 do not exceed the corresponding limit(s) when monitored in accordance with condition 10.

Table 4: Emission and discharge limits during environmental commissioning

	Discharge point	Parameter		Limit (including units)	Averaging Period
1.	Stacks GTG2100,	NOx	Natural Gas	70 mg/m^3	30 minutes

	Discharge point	Parameter		Limit (including units)	Averaging Period
	GTG2200, GTG2300, GTG2400 as depicted in Schedule 1: Figure 2: Map of equipment, infrastructure and discharge points.		Diesel	150 mg/m^3	

Monitoring during environmental commissioning

10. The works approval holder must monitor emissions during environmental commissioning in accordance with Table 5.

Table 5: Point source emissions and discharge monitoring during environmental commissioning

	Discharge points	Parameter	Frequency	Averaging period	Unit	Method
1.	Stacks GTG2100, GTG2200, GTG2300, GTG2400 as depicted in Schedule 1: Figure 2: Map of equipment, infrastructure and discharge points.	Particulates	Continuous while operating	N/A	$PM_{2.5}$	PEMS or CEMS
2.		SO_2			mg/m^3	
3.		NOx			mg/m^3	
4.		CO			mg/m^3	
5.		Volumetric flow rate and velocity	Once during commissioning	>30 minutes	m^3/s	USEPA Method 2

Note 1: Duplicate sample runs conducted consecutively on the same sampling day

Note 2: All units are referenced to STP Dry

Note 3: Concentrations to be corrected to STP at 15% oxygen on a dry basis

Note 4: Where any USEPA method refers to USEPA Method 1 for the sampling plane, this must be read as a referral to AS 4323.

11. The works approval holder must record the results of all monitoring activity required by condition 10.

12. The licence holder must ensure that sampling required by condition 10 is undertaken at sampling locations in accordance with the current version of AS 4323.1 or relevant part of the CEMS Code.

13. For any CEMS operated in accordance with condition 10 the licence holder must

ensure that the CEMS is operated, maintained and calibrated in accordance with the CEMS Code.

Environmental commissioning requirements

14. The Works Approval Holder must submit to the CEO an Environmental Commissioning Report within 30 days of the completion date of environmental commissioning for each item of infrastructure specified in Table 2.

15. The Works Approval Holder must ensure the report required by condition 14 includes the following:

(a) a summary of the commissioning, including timeframes and amount of Mwe of electricity produced;

(b) recorded duration of each start up and shut down;

(c) a summary of point source air emissions from monitoring performed during commissioning under conditions 10 and 11;

(d) a summary of the environmental performance of all infrastructure as constructed or installed (as applicable);

(e) a review of performance and compliance against the conditions of the works approval and the Environmental Commissioning Report; and

(f) where the manufacturer's design specifications and the conditions of this works approval have not been met, what measures will the works approval holder take to meet them, and what timeframes will be required to implement those measures.

Time limited operations phase

Commencement and duration

16. The Works Approval Holder may conduct time limited operations for the infrastructure specified in condition 1:

(a) for a period not exceeding 180 calendar days from the date of completion of environmental commissioning; or

(b) until such time as a licence for that item of infrastructure is granted in accordance with Part V of the Environmental Protection Act 1986, whichever occurs sooner.

Time limited operations requirements and emission limits

17. During time limited operations, the Works Approval Holder must ensure that the premises infrastructure and equipment listed in Table 1: Design and construction / installation requirements and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 6: Infrastructure and equipment requirements during time limited operations.

Table 6: Infrastructure and equipment requirements during time limited operations

	Infrastructure and equipment	Operational requirement	Infrastructure location
1.	4 x Siemens SGT-800 Industrial Gas Turbines	(a) Must be operated and maintained in accordance with the manufacturer's specifications. (b) Dry low combustion technology must be implemented during hot commissioning (use of gas and diesel fuel) of turbines. (c) Immediate shutdown in instances of noncompliance or malfunctioning equipment. (d) Must not be operated for greater than 2 400 hours in aggregate during the 180-day time limited operations period.	As shown in Schedule 1, Figure 2: Map of equipment, infrastructure and discharge points of the prescribed premises.
2.	Wastewater pipelines	(a) Must be inspected weekly for visible leaks. (b) All spills must be recovered immediately and disposed of in accordance with AS 1940. (c) Must be maintained and in a fit for purpose condition for containing liquids, and free of damage which may impact its ability to contain fluids. (d) Must direct to an oily-water separator located within impervious bunded area.	
3.	Liquid fuel pipelines	(a) Underground pipelines must be regularly inspected for defects by performing Direct Current voltage tests. (b) All spills must be recovered and disposed of in accordance with AS 1940. (c) Must be maintained and in a fit for purpose condition for containing liquids, and free of damage which may impact its ability to contain fluids. (d) Must operate and maintain leak detection infrastructure in accordance with AS4041 and AS/NZS2885.	
4.	3 x 145.5 kL diesel storage tanks	(a) Hydrocarbon leaks and spillages, whether inside or	

	Infrastructure and equipment	Operational requirement	Infrastructure location
		outside of containment, must be contained, recovered and disposed offsite at an appropriately licensed facility. (b) Secondary containment capacity of at least 110% of the largest tank or vessel within the filtration facility must be maintained.	

18. During time limited operations, the Works Approval Holder must ensure that the emission(s) specified in Table 7, are discharged only from the corresponding discharge point(s) and only at the corresponding discharge point location(s).

Table 7: Authorised discharge points during time limited operations

Emission	Discharge point	Minimum stack height	Discharge point location
NOx, SO_2, $PM_{2.5}$, CO	Turbine stacks	26.4 m AGL	Stacks GTG2100, GTG2200, GTG2300, GTG2400 as shown in Figure 2: Map of the equipment, infrastructure and discharge points.

19. During time limited operations, the Works Approval Holder must ensure that the emissions from the discharge point listed in Table 8 do not exceed the corresponding limit(s) when monitored in accordance with Condition 20.

Table 8: Emission and discharge limits during time limited operations

Discharge point	Parameter	Fuel	Limit (including units)	Averaging Period
Stacks GTG2100, GTG2200, GTG2300, GTG2400 as depicted in Schedule 1: Figure 2: Map of equipment, infrastructure and discharge	NOx	Natural Gas	70 mg/m^3	30 minutes
		Diesel	150 mg/m^3	

Discharge point	Parameter	Fuel	Limit (including units)	Averaging Period
points.				

Monitoring during time limited operations

20. The Works Approval Holder must monitor emissions during time limited operations in accordance with Table 9.

Table 9: Emissions and discharge monitoring during time limited operations

Discharge point	Parameter	Frequency	Averaging period	Unit	Method
Stacks GTG2100, GTG2200, GTG2300, GTG2400 as depicted in Schedule 1: Figure 2: Map of equipment, infrastructure and discharge points.	PM	Quarterly	>30 minutes	mg/m^3	USEPA Method 5 Or USEPA Method 17
	SO_2				USEPA Method 6 or 6C
	NOx				USEPA Method 7E
	CO				USEPA Method 10

21. The Works Approval Holder must ensure that quarterly monitoring is undertaken such that there are at least 45 days in between the days on which samples are taken in successive quarters.

22. The Works Approval Holder must ensure that all non-continuous sampling and analysis undertaken pursuant to condition 10 is undertaken by a holder of a current accreditation from the National Association of Testing Authorities (NATA) for the methods of sampling and analysis relevant to the corresponding parameter.

Noise monitoring

23. Within 30 days of the commencement of time limited operations, the Works Approval Holder must retain the services of a person qualified and experienced in the area of environmental noise assessment and who by their qualifications and experience is eligible to hold membership of the Australian Acoustical Society or the Australian Association of Acoustical Consultants to:

(a) investigate the nature and extent of noise emissions from the premises;

(b) assess in accordance with the methodology required in the Environmental Protection (Noise) Regulations 1997, the compliance of the noise emissions from the primary activities, against the relevant assigned levels specified in those Regulations; and

(c) compile and submit to the works approval holder within 3 months of the commencement date of time limited operations a report in accordance with condition 24.

24. A report pursuant to condition 23(c) is to include:

(a) a description of the methods used for monitoring noise emissions from the premises;

(b) details and the results of the investigation undertaken pursuant to condition 23(a);

(c) details and results of the assessment of the noise emissions from the premises, against the relevant assigned levels in the Environmental Protection (Noise) Regulations 1997 undertaken pursuant to condition 23(b); and

(d) an assessment of noise levels against the most recent previous noise assessment.

25. The Works Approval Holder must submit to the CEO the report prepared pursuant to condition 23(c) within 14 days of receiving it.

26. Where an assessment pursuant to condition 23(b) indicates that noise emissions do not comply with the relevant assigned levels in the Environmental Protection (Noise) Regulations 1997, the Works Approval Holder must:

(a) within 60 days of receiving an assessment report pursuant to condition 25(c) prepare a plan to ensure the undertaking of the licensed activity will no longer lead to any contravention of the Environmental Protection (Noise) Regulations 1997; and

(b) provide to the CEO a copy of the plan prepared pursuant to condition 26(a) within 30 days of its preparation.

Compliance reporting

27. The Works Approval Holder must submit to the CEO a report on the time limited operations within 60 calendar days of the completion date of time limited operations or 14 calendar days before the expiration date of the works approval, whichever is the sooner.

28. The Works Approval Holder must ensure the report required by condition 27 includes the following:

(a) a summary of the time limited operations, including timeframes and amount of Mwe of electricity produced;

(b) recorded duration of each start up and shut down;

(c) a summary of point source air emissions and noise emissions from monitoring performed during time limited operations under condition 20 and 23;

(d) a summary of the environmental performance of all infrastructure as constructed or installed (as applicable);

(e) a review of performance and compliance against the conditions of the works approval and the Environmental Commissioning Report; and

(f) where the manufacturer's design specifications and the conditions of this works approval have not been met, what measures will the works approval holder take to meet them, and what timeframes will be required to implement those measures.

Records and reporting (general)

29. The Works Approval Holder must record the following information in relation to complaints received by the works approval holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:

(a) the name and contact details of the complainant, (if provided);

(b) the time and date of the complaint;

(c) the complete details of the complaint and any other concerns or other issues raised; and

(d) the complete details and dates of any action taken by the works approval holder to investigate or respond to any complaint.

30. The Works Approval Holder must maintain accurate and auditable books including the following records, information, reports, and data required by this works approval:

(a) the works conducted in accordance with condition 1;

(b) any maintenance of infrastructure that is performed in the course of complying with condition 17;

(c) monitoring programmes undertaken in accordance with conditions 10, 11 and 20; and

(d) complaints received under condition 28.

31. The books specified under condition 29 must:

(a) be legible;

(b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;

(c) be retained by the works approval holder for the duration of the works approval; and

(d) be available to be produced to an inspector or the CEO as required.

Definitions

In this works approval, the terms in Table 10 have the meanings defined.

Table 10: Definitions

Term	Definition
AS1692	means Australian Standard *AS1692 Steel tanks for flammable and combustible liquids*
AS1940	means Australian Standard *AS 1940 The storage and handling of flammable and combustible liquids*
AS4323.1	Australian Standard *AS4323.1 Stationary Source Emissions - Selection of Sampling Positions*
books	has the same meaning given to that term under the EP Act.
CEMS	Continuous Emission Monitoring System
CEMS Code	means the document *"Continuous Emission Monitoring System (CEMS) Codes for Stationary Source Air Emissions*", March 2016, Department of Environment Regulation, Perth WA
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the *Environmental Protection Act 1986* Locked Bag 10 Joondalup DC WA 6919 info@dwer.wa.gov.au
Department	means the department established under section 35 of the *Public Sector Management Act 1994* and designated as responsible for the administration of Part V Division 3 of the EP Act.
discharge	has the same meaning given to that term under the EP Act.
emission	has the same meaning given to that term under the EP Act.
environmental commissioning	means the sequence of activities to be undertaken to test equipment integrity and operation, or to determine the environmental performance, of equipment and infrastructure to establish or test a steady state operation and confirm design specifications.
Environmental Commissioning Report	means a report on any commissioning activities that have taken place and a demonstration that they have concluded, with focus on emissions and discharges, waste containment, and other environmental factors.

Term	Definition
Environmental Compliance Report	means a report to satisfy the CEO that the conditioned infrastructure and/or equipment has been constructed and/or installed in accordance with the works approval.
EP Act	*Environmental Protection Act 1986* (WA).
EP Regulations	*Environmental Protection Regulations 1987* (WA).
NEPM	Means the National Environment Protection Measure for ambient air quality published by the Environment Protection and Heritage Council.
normal operating conditions	means any operation of a particular process excluding start-up, shut-down and upset conditions, in relation to stack sampling or monitoring.
NOx	means oxides of nitrogen
$PM_{2.5}$	Particles that have an aerodynamic diameter less than 2.5 µm
premises	the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map (Figure 1) in Schedule 1 to this works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
STP dry	Means standard temperature and pressure (0˚Celsius and 101.325 kilopascals respectively), dry
time limited operations	refers to the operation of the infrastructure and equipment identified under this works approval that is authorised for that purpose, subject to the relevant conditions.
USEPA Method 5	means USEPA Method 5 *Determination of Particulate Matter Emissions from Stationary Sources (instrument Analyzer Procedure)*
USEPA Method 6	means USEPA Method 6 *Determination of Sulfur Dioxide Emissions from Stationary Sources (Instrumental Analyzer Procedure)*
USEPA Method 6C	means USEPA Method 6C *Determination of Sulfur Dioxide Emissions from Stationary Sources (Instrumental Analyzer Procedure)*
USEPA Method 7E	means USEPA Method 7E *Determination of Nitrogen Oxides Emissions from Stationary Sources (Instrumental Analyzer Procedure)*
USEPA Method 10	Means USEPA Method 10 *Determination of Carbon Monoxide Emissions from Stationary Sources (Instrumental Analyzer Procedure)*

Term	Definition
USEPA Method 17	Means USEPA Method 17 *Determination of Particulate Matter Emissions from Stationary Sources (instrument Analyzer Procedure)*
waste	has the same meaning given to that term under the EP Act.
works approval	refers to this document, which evidences the grant of the works approval by the CEO under section 54 of the EP Act, subject to the conditions.
works approval holder	refers to the occupier of the premises being the person to whom this works approval has been granted, as specified at the front of this works approval.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in the map below (Figure 1).

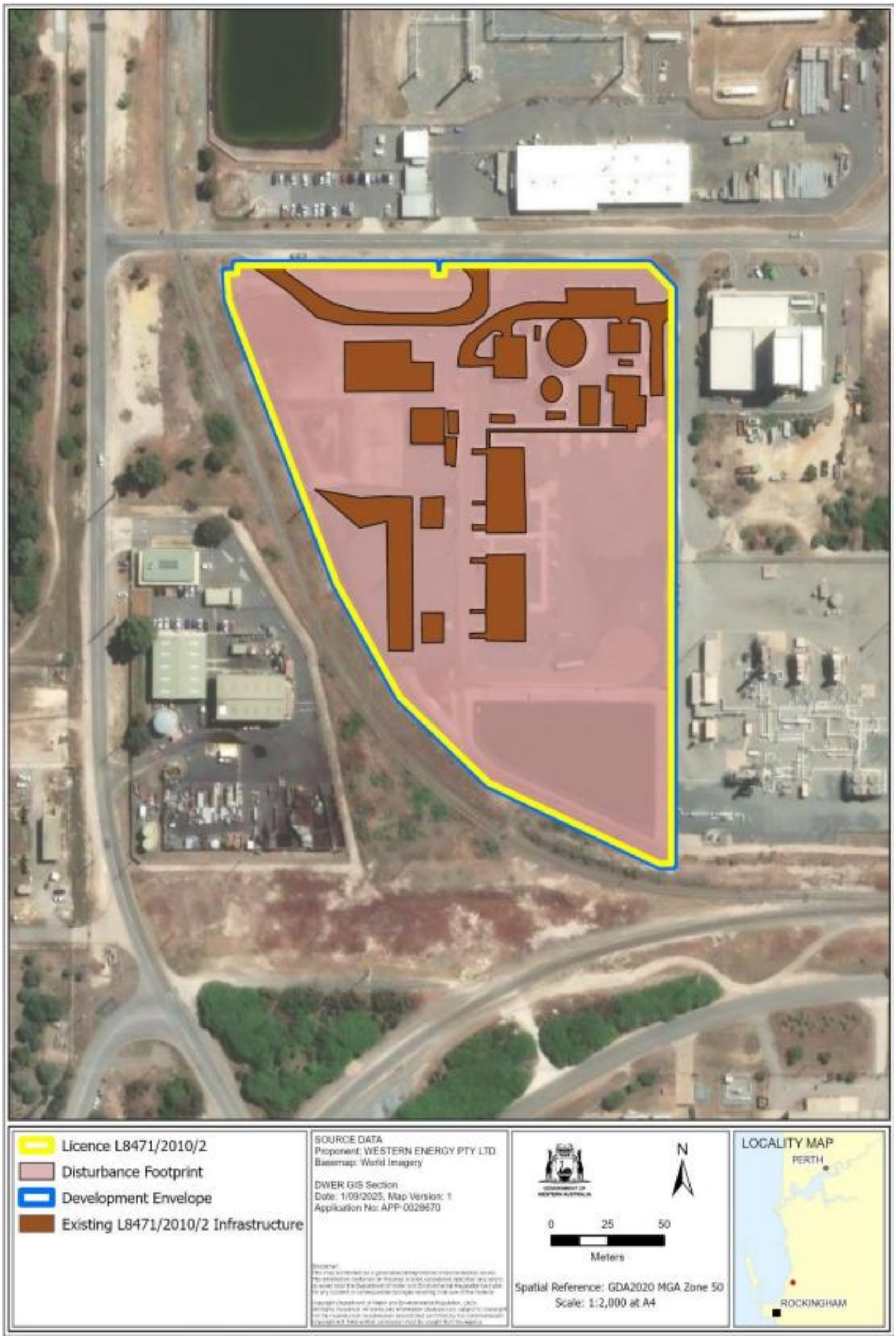

Figure 1: Map of the boundary of the prescribed premises

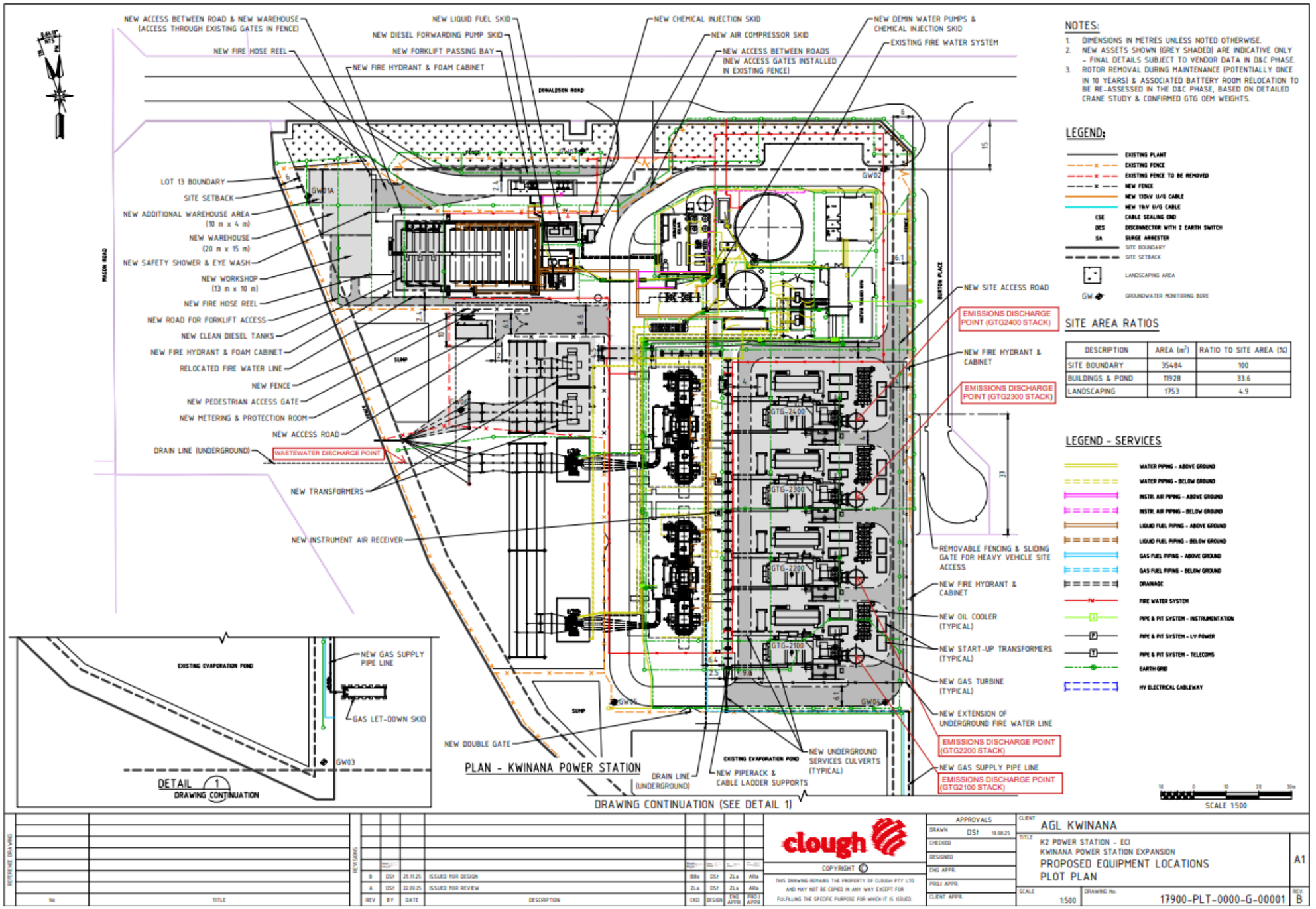

Figure 2: Map of the equipment, infrastructure and discharge points