



Licence Number	L8818/2014/1
Licence Holder	TEC Hedland Pty Ltd
ACN	169 777 404
Registered business address	Parmelia House Level 2 191 St Georges Terrace PERTH WA 6000
File Number	DER2014/000782-2
Duration	19/02/2015 to 22/02/2046
Date of amendment	13/02/2026
Prescribed Premises details	South Hedland Power Station Boodarie Station Access Road BOODARIE WA 6722 Legal description - Lot 601 on Deposited Plan 70566 As defined in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / design capacity
Category 52: Electric power generation: premises (other than premises within category 53 or an emergency or standby power generating plant) on which electrical power is generated using a fuel.	154 MW

This Licence amendment is granted to the Licence Holder, subject to the following conditions, on 13/02/2026, by:

Manager (Process Industries)

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

Licence history

Instrument log		
Instrument	Issued	Description
W5048/2011/1	03/02/2012	New application - South Hedland Power Station
W5048/2011/1	03/01/2013	Amendment to include the construction of the South Hedland Temporary Generation Power Station, comprising of four mobile generation units
W5048/2011/1	25/07/2013	Amendment to extend commissioning period
W5729/2014/1	22/12/2014	Construction and operation of two gas turbine and one steam turbine in a combined cycle gas turbine (CCGT) block configuration and one open cycle turbine.
L8818/2014/1	19/02/2015	New Licence for Hedland Precinct Power Project was issued.
L8818/2014/1	16/07/2015	Licence transferred from Regional Power Corporation Pty Ltd to APR Energy Pty Ltd
L8818/2014/1	11/07/2017	Licence transferred from APR Energy Pty Ltd to new occupier TEC Hedland Pty Ltd
L8818/2014/1	29/04/2016	Department initiated amendment in accordance with section 59(1)(k) of the <i>Environmental Protection Act 1986</i> to amend the duration of the licence date month year.
L8818/2014/1	17/08/2017	Amendment Notice 1: The Licensee submitted an application to amend the Existing Licence on 3 August 2017 in order to: <ul style="list-style-type: none"> remove two decommissioned OCGTs (emissions points A1 and A2 in Table 2.2.1 of the Existing Licence); include the operation of the new CCGT Units 10, 20 and 30 and OCGT Unit 40; and amend the design capacity to 210 MW, which includes the four new turbines and the two remaining older turbines.
L8818/2014/1	5/10/2017	Amendment Notice 2: The Licensee submitted an application on 07 September 2017 to amend the existing licence L8818/2014/1 in order to: <ul style="list-style-type: none"> remove 'A4' which is Stack 3 for Turbine 3; remove 'A5' which is Stack 4 for Turbine 4; and amend the design capacity from 210MW to 154MW.
L8818/2014/1	15/01/2020	DWER initiated amendment to consolidate/ amalgamate separately issued amendment notice in the licence.
L8818/2014/1	13/02/2026	Expiry date amended to 22/02/2046

Interpretation

In this licence:

- (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 licence:
 - (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 licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

Licence conditions

General conditions

1. The licence holder must operate and maintain all pollution control and monitoring equipment to the manufacturer's specification or any relevant and effective internal management system.
2. The licence holder must immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.
3. The licence holder must:
 - (a) implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the Premises; and
 - (b) treat contaminated or potentially contaminated stormwater as necessary prior to being discharged from the Premises.¹

Note1: The *Environmental Protection (Unauthorised Discharges) Regulations 2004* make it an offence to discharge certain materials into the environment.
4. The licence holder must record and investigate the exceedance of any descriptive or numerical limit specified in any part of section 2 of this Licence.

Premises operation

5. The licence holder must ensure that the use of diesel as a fuel source for power generation does not exceed 200 hours per annual period.
6. The licence holder must ensure that waste material is only stored within areas or compounds provided with the infrastructure detailed in Table 1

Table 1: Containment infrastructure

Map of storage compound and locations of emission points and monitoring locations	Material	Infrastructure requirements
Evaporation pond - E1 and E2	<ul style="list-style-type: none"> Stormwater from paved areas, service yards and building roofs via oil water separators (L1 and L2). demineralization water treatment plant wastewater; water-softening plant wastewater; and compressor water washing 	Evaporation pond lined with clay liner to achieve a permeability of at least 10^{-9} m/s and designed to accommodate a 1 in 100 year annual recurrence interval rainfall event with a minimum freeboard of 300mm.

Emissions

Point source emissions to air

7. The licence holder must ensure that where waste is emitted to air from the emission points in Table 2 and identified on the map of emission and monitoring points in Schedule 1 it is done so in accordance with the conditions of this Licence.

Table 2: Emission points to air

Emission point reference and location on Map of emission and monitoring points	Emission point and source	Emission point height (m)	Source, including any abatement
A1	CCGT Turbine 1	35	CCGT Turbine 1 (Unit 20)
A2	CCGT Turbine 2	35	CCGT Turbine 2 (Unit 30)
A3	OCGT Turbine 1	25	OCGT Turbine 1 (Unit 40)

8. The licence holder must not cause or allow point source emissions to air greater than the limits listed in Table 3.

Table 3: Point source emission limits to air

Emission point Reference	Parameter	Limit (including units) ¹	Averaging period
A1 – A3	Oxides of nitrogen	34 ppmvd using gas fuel	60 minute average (Stack test)
	Oxides of nitrogen	96 ppmvd using diesel fuel	60 minute average (Stack test)

Note 1: All units are referenced to STP dry and 15% oxygen

Emissions to land

9. The licence holder must ensure that where waste is emitted to land from the emission points in Table 4 and identified on the map of emission and monitoring points in Schedule 1 it is done so in accordance with the conditions of this Licence.

Table 4: Emissions to land

Map of emission and monitoring and storage locations – Schedule 1 Map	Description	Source including abatement
L3 – L6	Oil water separators discharging to sediment pond via drainage system.	Stormwater from bunding under gas turbine units, paved areas, service yards and building roofs

10. The licence holder must not cause or allow emissions to land greater than the limits listed in Table 5

Table 5: Emission limits to land

Emission point reference – Schedule 1 Map	Parameter	Limit (including units)	Averaging period
L3 – L6	Total Recoverable Hydrocarbons	15 mg/L	Spot sample

Monitoring

General monitoring

11. The licence holder must ensure that:
- all water samples are collected and preserved in accordance with AS/NZS 5667.1;
 - all wastewater sampling is conducted in accordance with AS/NZS 5667.10;
 - all groundwater sampling is conducted in accordance with AS/NZS 5667.11; and
 - all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured.
12. The licence holder must ensure that:
- quarterly monitoring is undertaken at least 45 days apart;
 - six monthly monitoring is undertaken at least 5 months apart; and
 - annual monitoring is undertaken at least 9 months apart.
13. The licence holder must record production or throughput data and any other process parameters relevant to any monitoring undertaken.
14. The licence holder must ensure that all monitoring equipment used on the Premises to comply with the conditions of this Licence is calibrated in accordance with the manufacturer’s specifications.
15. The licence holder must, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.

Monitoring of point source emissions to air

16. The licence holder must undertake the monitoring in Table 6 according to the specifications in that table.

Table 6: Monitoring of point source emissions to air

Emission point reference – Schedule 1 Map	Parameter	Units ¹	Frequency ²	Method
A1 – A3	Oxides of Nitrogen	ppmvd	Annually	USEPA Method 7E

Note 1: All units are referenced to STP dry and 15% oxygen

Note 2: Monitoring shall be undertaken to reflect normal operating conditions and any limits or conditions on inputs or production.

17. The licence holder must ensure that sampling required under Condition 16 of the Licence is undertaken at sampling locations in accordance with the AS 4323.1.
18. The licence holder must ensure that all non-continuous sampling and analysis undertaken pursuant to condition 16 is undertaken by a holder of NATA accreditation for the relevant methods of sampling and analysis.

Monitoring of emissions to land

19. The licence holder must undertake the monitoring in Table 7 according to the specifications in that table.

Table 7: Monitoring of emissions to land

Emission point reference Schedule 1 Map	Parameter	Units	Frequency
L3 – L6	Total Recoverable Hydrocarbons	mg/L	Quarterly

Ambient environmental quality monitoring

20. The licence holder must undertake the monitoring in Table 8 according to the specifications in that table.

Table 8: Monitoring of ambient groundwater quality

Monitoring point reference and location on Map of monitoring locations	Parameter	Units	Averaging period	Frequency
GQ1 – GQ5	Standing water level	m(AHD)	Spot sample	Six monthly
	pH	-		
	Electrical conductivity	µS/cm		
	Total Recoverable Hydrocarbons	mg/L		
	Benzene, toluene, ethylbenzene, xylene (BTEX)			
	Mercury			
	Lead			
	Arsenic			
	Copper			
	Nickel			
	Cadmium			
	Chromium			

Information

Records

- (i) All information and records required by the Licence must:
 - (a) be legible;
 - (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
 - (c) except for records listed in 21(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
 - (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
 - (i) off-site environmental effects; or
 - (ii) matters which affect the condition of the land or waters.

- 21.** The licence holder must ensure that:
 - (a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and
 - (b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.

- 23.** The licence holder must record the following information in relation to complaints received by the licence 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 licence holder to investigate or respond to any complaint.

- 24.** The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:
 - (a) any maintenance of infrastructure that is performed in the course of complying with condition 6 of this licence;
 - (b) monitoring programmes undertaken in accordance with conditions 11 - 20 of this licence; and
 - (c) complaints received under condition 23 of this licence.

Reporting

- 25.** The licence holder must:
 - (a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period, and

- (b) prepare and submit to the CEO an Annual Audit Compliance Report in the approved form within 28 calendar days after the end of the annual period each year.
26. The licence holder must submit to the CEO an Annual Environmental Report within 28 calendar days after the end of the annual period. The report shall contain the information listed in Table 9 in the format or form specified in that table.

Table 9: Annual Environmental Report

Condition or table (if relevant)	Parameter	Format or form ¹
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken	None specified
5	Hours of operation using diesel fuel	None specified
Table 3	Limit exceedances	N1
Table 6	Emissions to air	AR1
Table 7	Total Recoverable Hydrocarbons	LR1
Table 8	Groundwater monitoring	GR1
25	Annual Audit Compliance Report	Template available on the Departments' website www.dwer.wa.gov.au
23	Complaints summary	None specified

Note 1: Forms are in Schedule 2

27. The licence holder must ensure that the Annual Environmental Report also contains:
- (a) any relevant process, production or operational data recorded under Condition 13; and
 - (b) an assessment of the information contained within the report against previous monitoring results and Licence limits.

Definitions

Term	Definition
ACN	Australian Company Number
the Act	means the <i>Environmental Protection Act 1986</i>
AHD	means the Australian height datum
Annual Audit Compliance Report (AACR)	means a report submitted in a format approved by the CEO (relevant guidelines and templates are available on the Department's website).
annual period	a 12 month period commencing from 1 January until 31 December in each year.
books	has the same meaning given to that term under the EP Act.

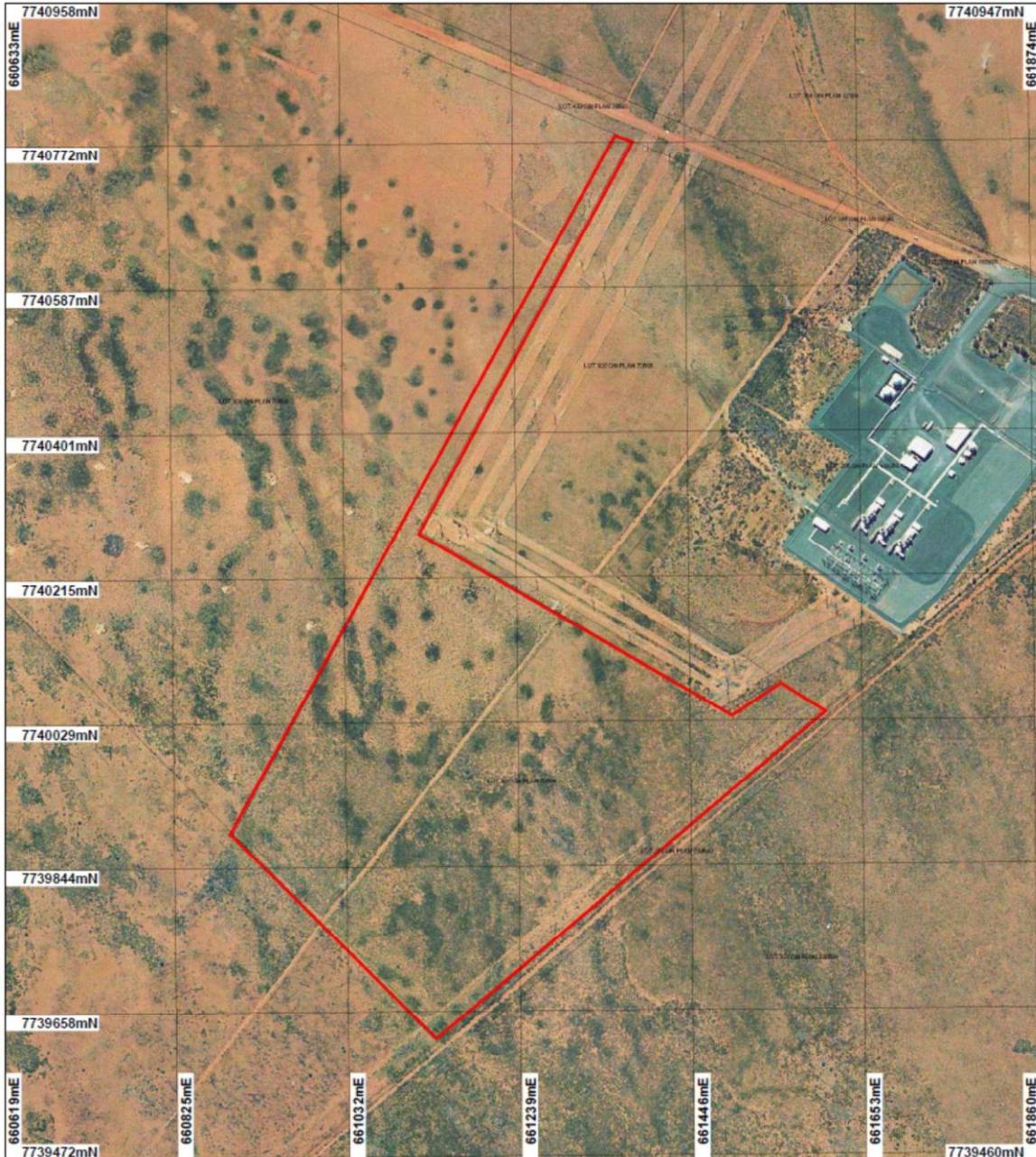
Term	Definition
AS 4323.1	means the Australian Standard AS4323.1 Stationary Source Emissions Method 1: Selection of sampling positions
AS/NZS 5667.1	means the Australian Standard AS/NZS 5667.1 Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples
AS/NZS 5667.10	means the Australian Standard AS/NZS 5667.10 Water Quality – Sampling – Guidance on sampling of waste waters
AS/NZS 5667.11	means the Australian Standard AS/NZS 5667.11 Water Quality – Sampling – Guidance on sampling of groundwaters
averaging period'	means the time over which a limit is measured or a monitoring result is obtained
CEO	means Chief Executive Officer of the department. “submit to / notify the CEO” (or similar), means either: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 or: info@dwer.wa.gov.au
department; DWER	means the department established under section 35 of the <i>Public Sector Management Act 1994 (WA)</i> and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
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.
EP Act	<i>Environmental Protection Act 1986 (WA)</i>
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i>
licence	refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified conditions contained within.
licence holder	refers to the occupier of the premises, being the person specified on the front of the licence as the person to whom this licence has been granted.
MWe	means power output (electricity generated) in megawatts
NATA	means the National Association of Testing Authorities, Australia
NATA accredited	means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis

Term	Definition
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises maps in Schedule 1 to this licence.
quarterly	means the 4 inclusive periods from 1 April to 30 June, 1 July to 30 September, 1 October to 31 December and in the following year, 1 January to 31 March
prescribed premises	has the same meaning given to that term under the EP Act
Schedule 1	means Schedule 1 of this Licence unless otherwise stated
Schedule 2	means Schedule 2 of this Licence unless otherwise stated;
six monthly	means the 2 inclusive periods from 1 April to 30 September and 1 October to 31 March in the following year
spot sample	means a discrete sample representative at the time and place at which the sample is taken
stack test	means a discrete set of samples taken over a representative period at normal operating conditions
start-up	means the period when plant or equipment is brought from inactivity to normal operating conditions
STP dry	means standard temperature and pressure (0oCelsius and 101.325 kilopascals respectively), dry
USEPA	means United States (of America) Environmental Protection Agency
USEPA Method 7E	means the promulgated Test Method 7E – Determination of Nitrogen Oxides Emissions from Stationary Sources (Instrumental Analyser Procedure)

Schedule 1: Maps

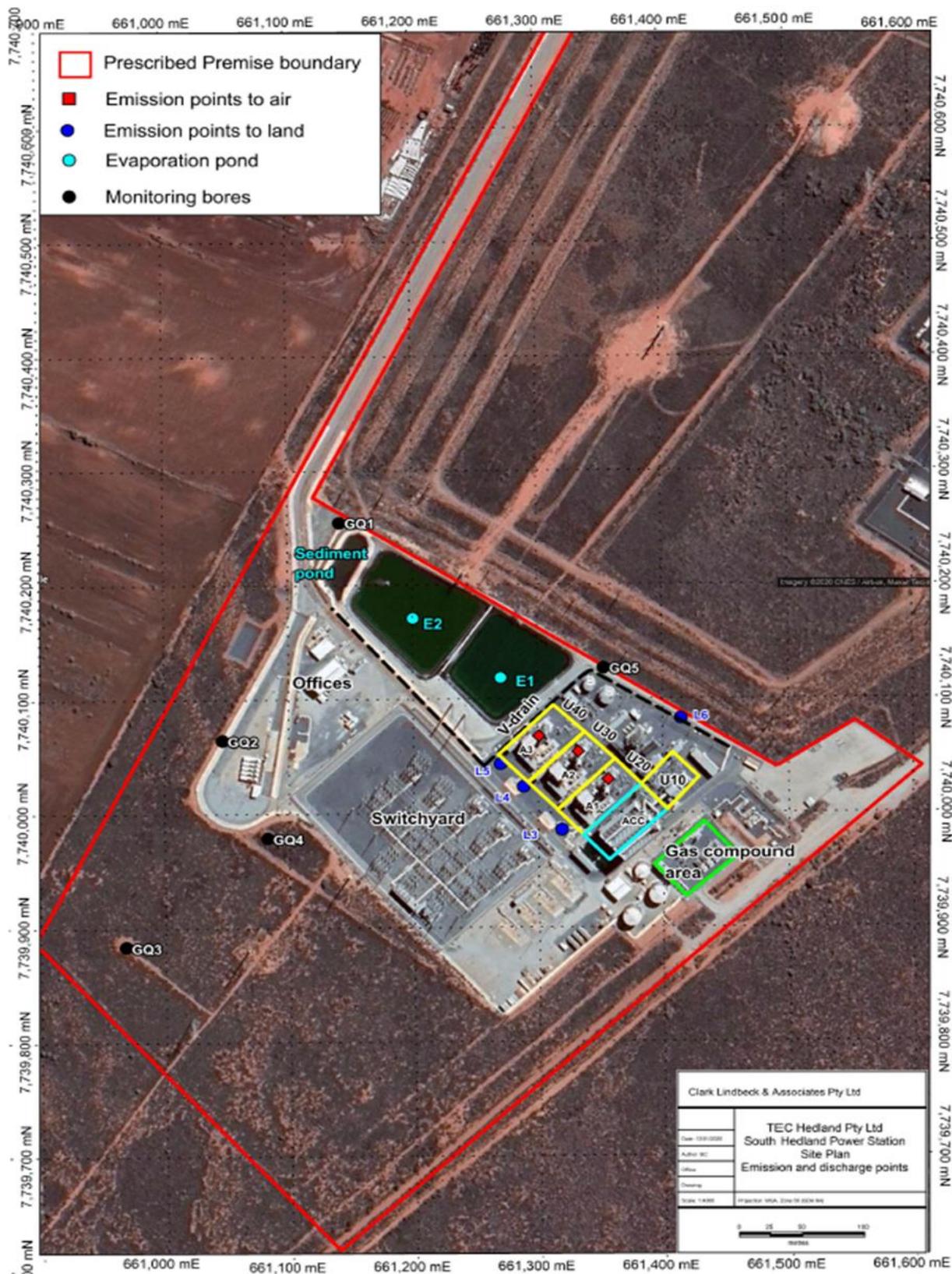
Premises map

The Premises is shown in the map below. The red line depicts the Premises boundary.



Map of emission points and storage locations

The locations of the storage locations in Table 1, emission points in Tables 2 and 4, and monitoring locations in Tables 6, 7 and 8 are shown below.



Schedule 2: Notification & Forms

Licence: L8818/2014/1
 Form: AR1
 Name: Monitoring of point source emissions to air

Licensee: TEC Hedland Pty Ltd
 Period:

Form AR1: Monitoring of point source emissions to air						
Emission point	Parameter	Limit	Result ¹	Averaging period	Method	Sample date & times
A1	Oxides of nitrogen (operating on gas)	34 ppmvd	ppmvd	60 minute average	USEPA Method 7E	
	Oxides of nitrogen (operating on diesel)	96 ppmvd	ppmvd	60 minute average		
A2	Oxides of nitrogen (operating on gas)	34 ppmvd	ppmvd	60 minute average	USEPA Method 7E	
	Oxides of nitrogen (operating on diesel)	96 ppmvd	ppmvd	60 minute average		
A3	Oxides of nitrogen (operating on gas)	34 ppmvd	ppmvd	60 minute average	USEPA Method 7E	
	Oxides of nitrogen (operating on diesel)	96 ppmvd	ppmvd	60 minute average		

Note 1: All units are referenced to STP dry and relevant Oxygen Correction in Table 6

Signed on behalf of TEC Hedland Pty Ltd: Date:

Licence: L8818/2014/1
 Form: GR1
 Name: Monitoring of point source emissions to groundwater

Licensee: TEC Hedland Pty Ltd
 Period:

Form GR1: Monitoring of point source emissions to groundwater						
Emission point	Parameter	Unit	Result	Averaging period	Method	Sample date & times
GQ1 – GQ5	Standing water level	m(AHD)				
	pH	-				
	Electrical conductivity	µS/cm				
	Total Petroleum Hydrocarbons	mg/L				
	Benzene, toluene, ethylbenzene, xylene (BTEX)	mg/L				
	Mercury	mg/L				
	Lead	mg/L				
	Arsenic	mg/L				
	Copper	mg/L				
	Nickel	mg/L				
	Cadmium	mg/L				
	Chromium	mg/L				

Signed on behalf of TEC Hedland Pty Ltd: Date:

Licence: L8818/2014/1
 Form: LR1
 Name: Monitoring of emissions to land

Licensee: TEC Hedland Pty Ltd
 Period:

Form LR1: Monitoring of emissions to land							
Emission point	Parameter	Limit	Unit	Result	Averaging period	Method	Sample date & times
L3	Total Petroleum Hydrocarbons	15mg/L	mg/L		Spot sample		
L4	Total Petroleum Hydrocarbons	15mg/L	mg/L		Spot sample		
L5	Total Petroleum Hydrocarbons	15mg/L	mg/L		Spot sample		
L6	Total Petroleum Hydrocarbons	15mg/L	mg/L		Spot sample		

Signed on behalf of TEC Hedland Pty Ltd: Date:

Licence: L8818/2014/1
Form: N1

Licensee: TEC Hedland Pty Ltd
Date of breach:

Notification of detection of the breach of a limit

These pages outline the information that the operator must provide. Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

Part A

Licence Number	
Name of operator	
Location of Premises	
Time and date of the detection	

Notification requirements for the breach of a limit	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission.	
The dates of any previous N1 notifications for the Premises in the preceding 24 months.	

Name	
Post	
Signature on behalf of TEC Hedland Pty Ltd	
Date	