



Licence number	L9455/2024/1
Licence holder	Newmont NOL Pty Limited
ACN	009 221 505
Registered business address	Level 5, 500 Hay Street Subiaco WA 6008
DWER file number	DER2024/000383
Duration	13/01/2025 to 12/01/2045
Date of issue	13/01/2025
Premises details	Havieron Project Mining tenement M45/1287 East Pilbara

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 6: Mine dewatering: premises on which water is extracted and discharged into the environment to allow mining of ore.	2,000,000 tonnes per year

This licence is granted to the licence holder, subject to the attached conditions, on 13 January 2025, by:

A/SENIOR MANAGER, RESOURCE INDUSTRIES

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

Licence history

Date	Reference number	Summary of changes
13/01/2025	L9455/2024/1	Licence granted.

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

The licence holder must ensure that the following conditions are complied with:

Infrastructure and equipment

- The licence holder must ensure that the site infrastructure and equipment listed in Table 1 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 1.

Table 1: Infrastructure and equipment requirements

Site infrastructure and equipment	Operational requirement	Infrastructure location
Evaporation Pond 1	<ul style="list-style-type: none"> 0.8 m freeboard maintained. Daily visual inspections for integrity of HDPE liner and freeboard undertaken and recorded. 	As depicted in Figure 2 in Schedule 1
Evaporation Pond 2	<ul style="list-style-type: none"> 0.8 m freeboard maintained. Daily visual inspections for integrity of HDPE liner and freeboard undertaken and recorded. 	As depicted in Figure 2 in Schedule 1
Evaporation Pond 3	<ul style="list-style-type: none"> 0.8 m freeboard maintained. Daily visual inspections for integrity of HDPE liner and freeboard undertaken and recorded. 	As depicted in Figure 2 in Schedule 1
Turkeys Nest ponds 2 and 3	<ul style="list-style-type: none"> 300 mm freeboard maintained. Daily visual inspections for integrity and freeboard. 	As depicted in Figure 2 in Schedule 1
Dewatering pipelines	<ul style="list-style-type: none"> Located within v-drain of sufficient capacity to completely contain any spills from pipeline leakage or break for a period equal to the time between routine inspections. Daily visual integrity inspections. 	As depicted in Figure 2 in Schedule 1

Emissions and discharges

- The licence holder must ensure that the emissions specified in Table 2 are discharged only from the corresponding discharge point and only at the corresponding discharge point location.

Table 2: Authorised discharge points

Emission	Discharge point	Discharge point location
Mine dewater discharge	Mine dewater is discharged to the evaporation ponds only, either directly or into associated Turkey's Nest ponds 2 and 3.	As depicted in Figure 2 in Schedule 1
Mine dewater for dust suppression	Any cleared areas within the premises boundary, including designated traffic areas, operational areas and construction areas.	Within premises boundary as depicted in Figure 1 in Schedule 1

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- The licence holder must ensure that emissions from the discharge point listed in Table 3 for the corresponding parameter do not exceed the corresponding limit when monitored in accordance with condition 5.

Table 3: Emission limits

Discharge point	Parameter	Limit
Mine dewater for dust suppression	Total dissolved solids (TDS)	35,000 mg/L

- The licence holder must ensure that any saline dewatering effluent used for dust suppression is discharged in a manner that prevents direct discharge and surface runoff into surrounding native vegetation and surface water bodies.

Monitoring

Discharge monitoring

- The licence holder must monitor emissions in accordance with the requirements specified in Table 4 and record the results of all such monitoring.

Table 4: Emissions and discharge monitoring

Discharge point	Monitoring location	Parameter	Frequency	Averaging period	Unit
Evaporation ponds 1 - 3	Meter readings	Cumulative discharge volume	Monthly	Continuous while discharging	kL
Standpipe	Turkeys Nest ponds	TDS ¹	Weekly when in operation	Spot sample	mg/L

Note 1: In field non-NATA accredited analysis permitted

Groundwater monitoring

- The licence holder must monitor ambient groundwater emissions in accordance with the requirements specified in Table 5 and record the results of all such monitoring.
- All sampling analysis must be undertaken by laboratories with current accreditation from the National Association of Testing Authorities (NATA) for the relevant parameters, unless otherwise specified, in Table 5.

Table 5 Groundwater monitoring

Monitoring well location	Parameter	Unit	Frequency	Method
Groundwater monitoring wells HAHY018, HAHY019, HAHY020, HAHY021, HAHY022,	Standing water level ¹	mbgl	Monthly	Spot sample in accordance with AS/NZS 5667.11
	pH	pH units		
	Electrical conductivity ¹	µcm/S		
	Total dissolved solids	mg/L		

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Monitoring well location	Parameter	Unit	Frequency	Method
HAHY023, HAHY035 and HAHY037 as depicted in Figure 3	Total Hardness (as CaCO ₃)	mg/L	Six monthly	Spot sample in accordance with AS/NZS 5667.11
	Total Alkalinity (as CaCO ₃)			
	Calcium, Magnesium, Sodium, Potassium, Ammonia, Phosphate, Carbonate, Sulphate, Nitrate, Silica, Aluminium, Iron and Manganese			

Note 1: In field non-NATA accredited analysis permitted

Site water balance

8. The licence holder must undertake monthly monitoring of the water balance for evaporation ponds 1 – 3, and (as a minimum) record the following information:
- The volume of water discharged into each of the ponds;
 - Site rainfall;
 - Site evaporation; and
 - Volume of water used for dust suppression.

Records and reporting

Records

9. 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:
- the name and contact details of the complainant, (if provided);
 - the time and date of the complaint;
 - the complete details of the complaint and any other concerns or other issues raised; and
 - the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.
10. The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:
- the calculation of fees payable in respect of this licence;
 - the works conducted in accordance with condition 1 of this licence;
 - any maintenance of infrastructure that is performed in the course of complying with condition 1 of this licence;

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- (d) monitoring programmes undertaken in accordance with conditions 5, 6, 7 and 8 of this licence; and
 - (e) complaints received under condition 9 of this licence.
- 11.** The books specified under condition 10 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 licence holder for the duration of the licence; and
 - (d) be available to be produced to an inspector or the CEO as required.

Reporting

- 12.** 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 by 30 September each year.
- 13.** The licence holder must:
- (a) prepare an Environmental Report that provides information in accordance with Table 6 for the preceding annual period, and
 - (b) submit that Environmental Report to the CEO by 30 September each year.

Table 6: Environmental reporting requirements

Condition	Requirement
N/A	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.
5	Emissions and discharge monitoring
6	Groundwater monitoring
8	Site water balance
9	Complaints summary

Definitions

In this licence, the terms in Table 7 have the meanings defined.

Table 7: Definitions

Term	Definition
ACN	Australian Company Number
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 July until 30 June in the following year.
AS/NZS 5667.1	means the Australian Standard AS/NZS 5667.1 Water Quality – Sampling – Guidance on the design of sampling programs, sampling techniques and the preservation and handing of samples.
books	has the same meaning given to that term under the EP Act.
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</i> (WA) 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</i> (WA)
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA)
freeboard	means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest points.
HDPE	High Density Polyethylene
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.

Term	Definition
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.
monthly period	means a one-month period commencing from day 1 of a month until final day of the same month.
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.
premises	refers to 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 licence.
prescribed premises	has the same meaning given to that term under the EP Act.
spot sample	means a discrete sample representative at the time and place at which the sample is taken.
waste	has the same meaning given to that term under the EP Act.

END OF CONDITIONS

Schedule 1: Maps

Premises map

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

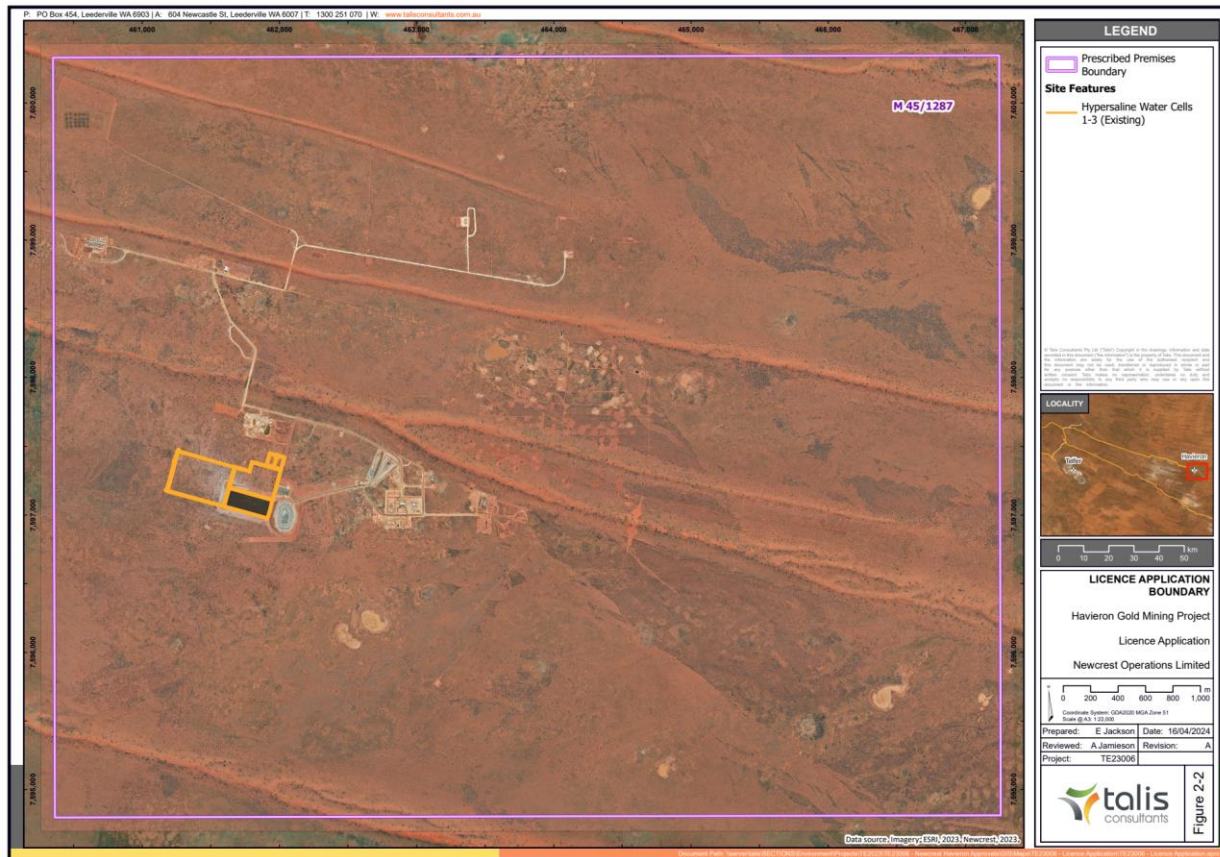


Figure 1: Map of the boundary of the prescribed premises



Figure 2: Layout of evaporation ponds and dewatering pipelines



Figure 3: Location of monitoring bores