

L10010 ANNUAL REPORT

REPORTING PERIOD: 01 JULY 2024 TO 30 JUNE 2025

GROUNDWATER EXTRACTION LICENCE L10010

Project Name: Nolans Rare Earths





REVISION HISTORY

07/07/2025	Rev 0	Issue for Use to DLPE	G. Calderon Environmental Scientist	Y. Smythe McGuinness S. Environmental Scientist	D. Jordan Manager Environment
Date	Revision	Description	Prepared	Reviewed	Approved



TABLE OF CONTENTS

1.0	INT	RODUCTION	5
	1.1		
2.0	АСТ	IVITY SUMMARY	7
3.0	DES	IGNATION OF COMPLIANCE	
4.0	CON	MPLIANCE TABLE	9
5.0	ABE	BREVIATIONS AND DEFINITIONS	
	5.1	Abbreviations	20

INDEX OF TABLES

Table 1—1 Operator Details	6
Table 3—1 Designation of compliance	8
Table 4—1 Compliance with the Conditions of GWEL L10010, as amended on 16 July 2024,	during the 2024-
2025 reporting period	10

GROUNDWATER EXTRACTION LICENCE L10010 ANNUAL REPORT 2025

OPERATOR NAME: ARAFURA RARE EARTHS LIMITED

PROJECT NAME: NOLANS RARE EARTHS

Organisation:

Date:

GROUNDWATER EXTRACTION LICENCE: L10010

REPORTING PERIOD: 01 JULY 2024 TO 30 JUNE 2025

DISTRIBUTION: DEPARTMENT OF LANDS, PLANNING AND ENVIRONMENT

The annual report must be endorsed by a senior representative of the company who has the appropriate level of delegation.

Declaration of Accuracy	
undertaken during the reporting period were in a	true and correct and all operational activities
Signed:	
Full name:	Tommie van der Walt
Position:	Chief Projects Officer

Arafura Rare Earths Limited

07/07/2025

1.0 INTRODUCTION

Arafura Rare Earths Pty Ltd was granted Groundwater Extraction Licence (GWEL) L10010 on 25 August 2022, for the purpose of dewatering for the Nolans Rare Earths Project (the Project). This licence was subsequently amended on 16 July 2024 under the subsidiary of Arafura Nolans Project Pty Ltd. This licence permits the extraction of 40 ML/year from a local aquifer located in NT Portion 703 Aileron. The preparation of this annual report is in accordance with Condition SC5 of L10010, as below:

Condition SC5 of L10010:

The licence holder must provide an annual report to the Controller within 2 weeks of 30 June each year which:

- a) Details compliance with the conditions of this licence in the previous financial year;
- b) Identifies exceedances of trigger values in the licence documents and actions taken in response; and
- c) Details any changes to trigger values in the licence documents.

1.1 Project and Operator Details

Arafura Nolans Project Pty Ltd and Arafura Rare Earths Ltd are considered together within this document as the owner and operator of the Nolans Rare Earths Project (collectively referred to as the Company, the Operator, or Arafura). Arafura is an Australian mineral exploration and development company focusing on Neodymium and Praseodymium (NdPr) rare earths, and the Nolans Rare Earths Project is their flagship Project. Arafura is headquartered in Perth, Western Australia and was listed on the Australian Stock Exchange (ARU) in 2003. A summary of the Project and Operator details are presented in Table 1—1 below. The Project will encompass a rare earths mine, process plant (comprising beneficiation, extraction and separation plants) and related infrastructure to be constructed and located at the Nolans site. The Nolans site is located 135 km northwest of Alice Springs, and approximately 10 km west of the Aileron Roadhouse in the Northern Territory (NT).



Table 1—1 Operator Details

Operator Details				
Groundwater Extraction Licence	on Licence L10010			
Project Name	Nolans Rare Earths			
Approval Holder	Arafura Nolans Project Pty Ltd			
Approval Holder and Operator Details	Previous Company Name: Arafura Resources Limited Current Company Name: Arafura Rare Earths Ltd ACN 080 933 455 - ABN 22 080 933 455			
	<i>Head Office:</i> Address: Level 6, 432 Murray St Perth WA 6000 PO Box: 5773 St Georges Terrace Perth WA 6831 Phone: +61 8 6370 2800 Email: arafura@arultd.com			
Location of the Project	135 km northwest of Alice Springs, Northern Territory			



2.0 ACTIVITY SUMMARY

Construction activities at the Project site commenced with early construction works on 27 February 2023 and continued until mid-October 2023, when operations were temporarily suspended. Works have not recommenced since that time; hence no construction or other work activities were carried out at the Project site during the reporting period.

Since mid-October 2023, onsite activities have focused on continuing to collect baseline monitoring data to meet the environmental requirements outlined in the approved management plans. As well as site security and maintenance activities.

Arafura has not yet commenced water extraction or pit dewatering at the mine site. Hence no water abstraction has occurred to date under GWEL L10010.

Full construction and resumption of works on site is expected to proceed once the necessary approvals and financing are secured, and the Final Investment Decision is announced. Water abstraction under GWEL L10010 is expected to commence at such time.



3.0 DESIGNATION OF COMPLIANCE

A compliance table outlining the compliance status with each of the conditions of GWEL L10010 is shown in Section 4.0, Table 4—1 below. Compliance during the reporting period with each approval condition has been assigned a status in accordance with the federal Department of Climate Change, Energy, the Environment and Water <u>Annual Compliance Report Guidelines</u> (2023), as shown in Table 3—1 below.

Designation	Description	
Compliant	Compliant with all requirements of the condition.	
Partially Compliant	Compliant with some requirements of the condition.	
Non-compliant	Non-compliant with the requirements of the condition.	
Not Applicable	Requirements in the condition are outside of scope, in the reporting period.	

Table 3—1 Designation of compliance

4.0 COMPLIANCE TABLE

The Compliance Table (Table 4—1) below provides a summary of Arafura's compliance with the conditions of GWEL L10010 during the reporting period from 1 July 2024 to 30 June 2025.

The 'Department' as defined within GWEL L10010 refers to the NT water regulator, which changed from the Department of Environment, Parks and Water Security to the Department of Lands, Planning, and the Environment during the reporting period. As such, this is collectively referred to as the Department in this document.



Table 4—1 Compliance with the Conditions of GWEL L10010, as amended on 16 July 2024, during the 2024-2025 reporting period

Condition	Condition	Compliance Status	Evidence/Comments				
General Con	General Conditions						
GC1	All notices, reports, documents or other correspondence required to be provided as a condition of this licence must be provided in electronic form by email to <u>water.regulation@nt.gov.au</u> , unless otherwise agreed with an officer, or specific as a condition of this licence.	Compliant	All notices, documents and reports submitted to the Department in relation to this licence were submitted via email during the reporting period to <u>water.regulation@nt.gov.au</u> , as specified in this condition.				
GC2	The Licence Holder must immediately notify the Department on becoming aware of non-compliance (or suspected non- compliance) with any condition of this licence.	Compliant	There were no non-compliances (or suspected non-compliances) during the reporting period.				
GC3	The Licence Holder must notify the Department within 10 business days of any change to the name or contact details of the Licence Holder.	Compliant	The main contact for this licence was updated during the reporting period. The Department was notified in accordance with this condition on the 7 th of April 2025 via email.				
			Tommie van der Walt				
			Chief Projects Officer				
GC4	If there is to be a transfer of the ownership of Land, or an interest in the Land, to which this licence relates, the Licence Holder must inform the Department as soon as practicable, and no later than 10 business days prior to the transfer occurring.	Compliant	There was no transfer of the ownership of Land, or an interest in the Land to which this licence relates, during the reporting period.				
GC5	The Licence Holder must hold an authorised mining management plan or an environmental (mining) licence, in	Compliant	Arafura holds Mining Authorisation 1127-01, issued on 10 November 2022, with a Variation of Authorisation granted on 14 April 2023 under				



Condition	Condition	Compliance Status	Evidence/Comments
	accordance with the Environmental Protection Act 2019.		the <i>Mining Management Act 2001</i> . This is now considered a deemed environmental (mining) licence under the <i>Environmental Protection Act</i> <i>2019</i> and remained valid throughout the reporting period.
GC6	If a mining management plan or environmental (mining) licence associated with this licence is revoked, the Licence Holder must notify the Department within 24 hours.	Compliant	The mining management plan and now environmental (mining) licence was not revoked during the reporting period.
GC7	This licence is in force from the Commencement Date, and until the Expiry Date, as specified in the Licence Details.	Compliant	This licence was in force from the Commencement Date 1 September 2022, until the Expiry Date 31 August 2032. The licence was therefore in force for the entirety of the reporting period.
Water Extra	ction Conditions	-	
WEC1	The Lincence Holder must only take water from the Water Resource specified in the Licence Details.	Compliant	No water extraction occurred under this licence during the reporting period. As previously reported, production bore RN043745, listed under this licence, is currently being used by the pastoralist at Aileron Station for livestock. This draws water from the Water Resource specified in this licence.
			Such activity was verified during the inspection conducted by officers from Water Regulation on 11 June 2025 and was subsequently documented in the water licence inspection report dated 13 June 2025.
WEC2	The Licence Holder may only extract water under this licence for use on Land specified in the Licence Details.	Compliant	As mentioned above, no water was extracted during the reporting period. Once water extraction under this licence commences, the extracted water will be used as specified in this condition.
WEC3	The Licence Holder must only extract water from Extraction Point(s) specified in the Licence Details.	Compliant	As mentioned in Condition WEC1, no water was extracted by Arafura during the reporting period.



Condition	Condition	Compliance Status	Evidence/Comments
			Once water extraction under this licence commences, it will be undertaken as specified in the condition.
WEC4	The Licence Holder must maintain any bore and backflow prevention device associated with the Extraction Point(s) specified in the Licence Details, in accordance with the <i>Minimum Construction Requirements for Water Bores in</i> <i>Australia.</i>	Not Applicable	Backflow prevention devices have not yet been installed, as water extraction under this licence has not commenced. These devices will be installed at all licence extraction points prior to the commencement of water extraction, in accordance with the <i>Minimum Construction</i> <i>Requirements for Water Bores in Australia</i> .
WEC5	The Licence Holder must maintain a contemporaneous written record of all maintenance activities undertaken on any bores and backflow prevention devices. These records must be maintained for the duration of the licence, and three years following its expiry. The records must be made available to the Controller on an Authorised Officer on request.	Not Applicable	No maintenance has been required on the registered bore to date. There are no maintenance records available at this stage, as water extraction from the bore under this licence has not yet commenced. Complete and accurate records of all maintenance activities will be maintained throughout the duration of the licence and made available to the Controller upon request, as specified in this condition.
WEC6	The Licence Holder must not in any year of this Licence (which year commences on 1 July and ends on 30 June) extract more than the Extraction Limit (and for any part of a year must not extract more than a pro rata amount) as shown in the Table below.	Compliant	No water extraction has occurred under this licence to date – hence no water was extracted during the reporting period. The water extraction limits will be applied once commenced.



Condition	Condition		Compliance Status	Evidence/Comments
	Period	Entitlement		
	1 July 2024 – 30 June 2025	40 ML		
	1 July 2025 – 30 June 2026	40 ML		
	1 July 2026 – 30 June 2027	40 ML		
	1 July 2027 – 30 June 2028	40 ML		
	1 July 2028 – 30 June 2029	40 ML		
	1 July 2029 – 30 June 2030	40 ML		
	1 July 2030 – 30 June 2031	40 ML		
	1 July 2031 – 30 June 2032	40 ML		
	1 July 2032 - 31 August 2032	7 ML		
	Controller has determined a the Total Maximum Water E	Licence Details, or, where the an Annual Announced Allocation, Intitlement multiplied by the nual Announced Allocation.		
WEC7	The Licence Holder must not extract more than 30% of the Extraction Limit in any one calendar month, without the prior written approval of the Controller.		Compliant	No water extraction has occurred under this licence to date – hence no water was extracted during the reporting period.
WEC8	The Licence Holder must extract at least 90% of the Extraction Limit in at least one year (which year commences on 1 July and ends 30 June of any three consecutive years for the duration of the licence).		Compliant	No water extraction has occurred under this licence to date – hence no water was extracted during the reporting period. The minimum of 90% of the extraction limit was not extracted during the reporting period. This is the second consecutive year the minimum has not been extracted.



Condition	Condition	Compliance Status	Evidence/Comments
WEC9	If the Licence Holder does not extract the minimum required by WEC8, the Licence Holder must notify the Department the reasons why and provided a projection of water requirements for the remaining term of the licence.	Compliant	The minimum extraction specified in WEC8 has not been met for two consecutive years. No action under this condition is therefore required for this reporting period. In the case that the minimum is not reached in the next reporting period (1 July 2025 to 30 June 2026), a notification will be made to the Department in accordance with this condition.
Water Use C	Conditions		
WUC1	The Licence Holder may only use water extracted under this licence on the Land specified in the Licence Details.	Compliant	No water extraction under this licence occurred during the reporting period.
WUC2	The Licence Holder may only use water for the beneficial use(s) specified in the Licence Details.	Compliant	No water extraction under this licence occurred during the reporting period. Once water extraction under this licence commenced, the water will be used as specified by this condition.
Metering Co	onditions		
MC1	The Licence Holder must, at each Extraction Point specified in the Licence Details, and prior to any extraction occurring under the licence, install and maintain a meter that complies with the Northern Territory Non-Urban Water Metering Code of Practical for Water Extraction Licences.	Not Applicable	No water has been extracted under this licence to date. As specified in Condition WEC1, the listed bore has been used by the pastoralist of the Aileron Station. Arafura has installed a standard flow meter on this bore to monitor the water extraction undertaken by the pastoralist. This meter will be replaced with a compliant device in accordance with the <i>Northern Territory Non-Urban Water Metering Code of Practice for Water</i> <i>Extraction Licences</i> prior to the commencement of water extraction under this licence by Arafura.
MC2	All water extracted under this licence must be measured by such a water meter.	Not Applicable	No water has been extracted under this licence to date. Once commenced, all water extraction by Arafura from the listed bore will be measured using a flow meter installed in accordance with the <i>Northern</i>



Condition	Condition	Compliance Status	Evidence/Comments
			<i>Territory Non-Urban Water Metering Code of Practice for Water Extraction Licences</i> , as required under this condition.
MC3	 The Licence Holder must notify the Department of a water meter being installed or replaced within 10 business days of that occurring. The notification must contain: a) Photographs of the meter being replaced and the meter being installed, including a photograph of the serial number and a photograph of the replacement meter and all replacement pipework within 10 metres of the Extraction Point (which is to be photographed while visible); and, b) Where a water meter has been replaced, the final meter reading and a photograph of the reading on the replaced meter. 	Compliant	A photograph and relevant information about the existing flow meter installed in December 2024 was provided to the Department within 10 business days and is currently registered for water consumption reporting. The required information regarding the existing and the replacement flow meter will be submitted to the Department once the replacement is installed, as specified in this condition.
MC4	The Licence Holder must maintain records of the manufacturer's specifications of any water meter installed and maintained, as well as contemporaneous written records of any maintenance undertaken of a water meter. These records must be maintained for the duration of the licence, and three years following its expiry. These records must be provided to the Controller or an Authorised Officer upon their request.	Compliant	Records of the water meter installed have been maintained to date, and can be provided to the Department upon request. These records will be maintained as specified under this condition. This will also occur for all future meters installed.
MC5	The Licence Holder must not tamper with, or permit any other person to tamper with, any installed water meter.	Compliant	This did not occur during the reporting period.



Condition	Condition	Compliance Status	Evidence/Comments
MC6	The Licence Holder must ensure that each installed water meter is in a condition that it can be conveniently read or examined at any time.	Compliant	The existing flow meter is able to be conveniently read and examined at any time.
MC7	The Licence Holder must ensure that each installed water meter is safely accessible at all times, and is free from overgrown vegetation or any potential hazards.	Compliant	The existing flow meter is safely accessible at any time, and maintained to be free of vegetation and hazards as much as possible.
Monitoring	and Reporting Conditions		
MRC1	Within 14 days following the end of each quarter, the Licence Holder must supply the Controller with meter readings each Extraction Point listed in the Licence Details.	Compliant	Although water extraction has not yet commenced under this licence, water meter readings are being reported to the Department on a quarterly basis as specified by this condition. These readings show the pastoralist's water use, and not extraction occurring under this licence by Arafura. Quarterly reporting was made via email to <u>water.regulation@nt.gov.au</u> on the following dates during the reporting period:
Special Con	ditions		
SC1	The Licence Holder must maintain, implement and comply with the current versions of the document listed in Table 2. <i>Table 2: Licence documents</i>	Compliant	The Water Abstraction Management Plan Rev 3.2 was implemented during the reporting period, in accordance with this condition.



Condition	Condition				Compliance Status	Evidence/Comments
	Document title Arafura Resources Limited Water Abstraction Plan	Short title ARWAP	Version 3.2 (February 2023)			
SC2	 If amendments (other than typographical changes or revision to formatting or referencing) are proposed to be made to a document listed in Table 2, the Licence Holder must have the document independently reviewed by a suitably qualified professional and notify the Department by email to water.regulation@nt.gov.au, and include; a) A tracked changes version of the proposed amendment(s); b) Reasons for the amendment(s); and c) A copy of an independent review of the proposed updated document, undertaken by a suitably qualified professional. 		o a e the d	Compliant	A revised version (Rev 3.4) of the Arafura Resources Limited Water Abstraction Plan Rev 3.2 listed in Table 2 of the licence was developed. This revision was approved under the federal Project approval (EPBC 2015/743) on 14 May 2024. This document was independently reviewed by EMM Consulting, a suitably qualified professional. The Department was notified of this revision during the reporting period. The revised version (Rev 3.4) was submitted to the Department for acceptance during the reporting period, on 23 August 2024. This included a summary of and reasons for the amendments made; and a copy of the independent review, as specified by this condition.	
SC3	The Department may require the Licence Holder to revise or amend and resubmit any document provided in accordance with this licence. Where the Department requires any document to be revised or amended, the licence holder must submit it to the Department by the date specified by the Department.		nce must	Not Applicable	There were no documents required to be amended by the Department during the reporting period.	
SC4	The Licence Holder must notify the Department in writing within 48 hours of becoming aware of non-compliance (or suspected non-compliance) with any condition of this			Compliant	There were no non-compliances (or suspected non-compliances) with any of the conditions of this licence during the reporting period.	



Condition	Condition	Compliance Status	Evidence/Comments
	licence. A notification under this condition must:		
	 a) Contain particulars of the non-compliance, including the identified or potential impacts associated with the non-compliance; 		
	 Identify the steps that have or will be taken to minimise the impacts of the non-compliance; and 		
	 c) Identify the steps that have or will be taken to prevent a reoccurrence or minimise the risk of further non-compliance. 		
SC5	 The Licence Holder must provide an annual report to the Controller within 2 weeks of 30 June each year which: a) Details compliance with the conditions of this licence in the previous financial year; b) Identifies exceedances of trigger values in the licence documents and actions taken in response; and c) Details any changes to trigger values in the licence documents. 	Compliant	The annual report for the previous reporting period 2023-24 addressing compliance with this licence, and the requirements of this condition , was submitted to the Department via email to <u>water.regulation@nt.gov.au</u> on 12 July 2024, which was within the required timeframe. This report has been prepared to meet this condition for the 2024-25 reporting period. It will be submitted to the Department within the specified timeframe, prior to 13 July 2025. This table addresses requirement a) of this condition. There are no
SC6	The Licence Holder must maintain on a publicly available		identified trigger values for this licence at this point in time. Arafura maintains the specified documents on the Arafura website,
300	The Licence Holder must maintain on a publicly available website:		which is publicly available. Links are provided below:
	a) A copy of this licence;b) The current version of the licence documents	Compliant	 a) A copy of the amended water licence issued on 16 July 2024 is available <u>here</u> b) The redacted version of the Water Abstraction Management Plan Rev 3.4 is available <u>here</u>



Condition	Condition	Compliance Status	Evidence/Comments
	 specified in Table 2; c) Details of non-compliance reported in accordance with Condition SC4; and d) Copies of annual reports prepared in accordance with Condition SC5. 		 c) There have been no non-compliances to date. Details of any future non-compliances will be included in the annual compliance reports available on the Arafura website. d) A copy of the Annual Compliance Report 2023-24 is available <u>here</u>. This report will be publicly available at the same location, following submission to the Department.
SC7	The Licence Holder may only extract water under this licence for Approved Mining Activities.	Not Applicable	No water has been extracted under this licence to date, hence no water extraction occurred during the reporting period. Once water extraction under this licence commences, it will be used in accordance with this condition.



5.0 ABBREVIATIONS AND DEFINITIONS

5.1 Abbreviations

Abbreviation	Meaning				
Arafura	Arafura Rare Earths Limited, also known as the subsidiary Arafura Nolans Project Pty Ltd				
the Company	Arafura				
the Department	NT water regulator, for the reporting period including both: the Department of Environment, Parks and Water Security; and the Department of Lands, Planning, and the Environment				
DCCEEW	Department of Climate Change, Energy, the Environment and Water				
GWEL	Groundwater Extraction Licence				
this Licence	GWEL L10010				
Mining Authorisation	Mining Authorisation 1127-01				
MMP	Mining Management Plan				
NT	Northern Territory				
the Operator	Arafura				
the Project	Arafura's Nolans Rare Earths Project				
Reporting period	1 July 2024 – 30 June 2025				
WAMP	Water Abstraction Management Plan				