NOVA OPERATION L8880/2015/1 ANNUAL ENVIRONMENTAL REPORT 2025-2026

DATE: 17 APRIL 2026

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ACRONYMS AND ABBREVIATIONS

Acronym	Definition
AACR	Annual Audit Compliance Report
AER	Annual Environmental Report
BOD	Biochemical Oxygen Demand
DWER	Department of Water and Environmental Regulation
TDS	Total Dissolved Solids
TSS	Total Suspended Solids
TSF	Tailings Storage Facility
WWTP	Wastewater Treatment Plant

1. INTRODUCTION

1.1 Purpose and Scope of Report

This Annual Environmental Report (AER) has been prepared by IGO Limited for the Nova Operation, to satisfy the Department of Water and Environmental Regulation (DWER) reporting requirements under Part V of the *Environment Protection Act 1986*. This AER covers the reporting period from 1st April 2025 to 31st March 2026. A list of the annual environmental reporting requirements required to satisfy Licence L8880/2015/1, and the sections of this report where these are addressed, is provided in Table 1.

Table 1: Reporting Requirements of Licence L8880/2015/1

Condition Number	Requirement	Section of this Report
Table 4.2.1	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any environmental impacts, investigations conducted including outcomes, and remedial actions	Section 2
Table 3.2.1	Monitoring of emissions to land Contaminant loading (kg/day and kg/ha/day – monthly average and total annual loading kg/year and kg/ha/year) to land of parameters monitored in Table 3.2.1 (except pH and *E. coli*)	Section 5
Table 3.3.1	Monitoring of inputs and outputs	Section 6
Table 3.4.1	Monitoring of groundwater and a comparison of results against background water quality Details of investigations conducted, including outcomes, environmental impacts and remedial actions.	Section 7
4.1.3	Compliance Annual Audit Compliance Report (AACR)	Section 3, Appendix A
4.1.4	Complaints summary	Section 4
4.2.2	Any relevant process, production or operational data recorded under condition 3.1.3	Section 8
4.2.2	An assessment of the information contained within the report against previous monitoring results and Licence limits and/or targets	Sections 5, 6, and 8

1.2 Summary of Operations

The Nova Operation is a nickel and copper mine located in the Fraser Range of Western Australia. The manager and proponent of the Nova Operation is IGO Limited (ABN 46 092 786 304). IGO Nova Pty Ltd is a 100% owned subsidiary of IGO Limited.

Project construction commenced in January 2015 while commercial production commenced in July 2017.

Activities undertaken during the reporting period comprised the following:

- Underground mining of nickel and copper ore
- Processing of ore using conventional flotation techniques
- Transport of concentrate by road to Esperance
- Operation of paste plant for paste infill of the underground mine
- Deposition of tailings in the Tailings Storage Facility (TSF)
- Extraction of groundwater for mine dewatering and water supply
- Operation of support infrastructure including a Power Station, Solar Farm, Wastewater Treatment Plant (WWTP), Landfill, Accommodation Village, and Airstrip

No changes to the Nova Operation were made at Nova since the last reporting period.

1.3 Licence Amendments

A licence amendment application (APP-0032952) seeking approval for the addition of a Category 63 Inert Landfill facility on the Nova M28/376 tenement was submitted to DWER on 16 December 2025. In response to a subsequent Request for Information (RFI-0001105) issued by DWER, additional information was provided on 6 March 2026.

The proposed landfill facility is intended for the disposal of inert material generated from the demolition of infrastructure associated with the Nova operations at the completion of mining activities. The landfill will be established within the disused box cut following mine closure and is anticipated to accommodate up to 45,000 tonnes of inert demolition and construction material.

The licence amendment application is currently under assessment by DWER and has not been approved in this reporting period.

2. INCIDENTS

There were no reportable incidents during the reporting period.

3. COMPLIANCE

The Annual Audit Compliance Report is attached as Appendix A.

No site inspections by DWER occurred during the reporting period.

4. COMPLAINTS

There were no complaints received during the reporting period.

5. EMISSIONS TO LAND

Monthly samples were taken from the WWTP recycled water, with results shown in Table 2. Summary statistics were calculated using half the laboratory reporting limit for non-detect results ('<' values). All figures have been rounded to 3 decimal places.

Table 2: WWTP sample results for the reporting period

Parameter	Units	No of samples	Mean	Median	Max	Min
pH	-	12	7.680	7.675	7.650	8.000
BOD[1]	mg/L	12	2.98	2.983	0.250	14.000
TDS[2]	mg/L	12	405	405.000	390.000	550.000
TSS	mg/L	12	0.150	0.147	0.250	0.250
Nitrate as N	mg/L	12	2.000	19.058	18.500	32.000
Nitrite as N	mg/L	12	0.003	0.003	0.003	0.003
Ammonium as N	mg/L	12	0.004	0.004	0.003	0.012
Total N	mg/L	12	20.93	20.925	21.500	32.000
Total P	mg/L	12	2.820	2.817	2.800	4.000
E. coli	cfu/ 100mL	12	2.000	2.000	0.500	5.000

Using the sample average results in Table 2 and the total discharge flow of over the year (Table 5 in Section 6), the contaminant loadings were calculated and shown in Table 3. Recycled water was sent to the irrigation area at various intervals from October 2024 to March 2025 during the reporting period, these contaminant loadings are displayed in Table 4. Recycled water was otherwise recycled for use in the Nova processing circuit.

Table 3: Total contaminant loading in the reporting period.

Parameter	kg/day	kg/ha/day	kg/year	kg/ha/year
BOD	0.19	0.04	70.48	15.32
TDS	26.14	5.68	9567.54	2079.90
TSS	0.01	0.00	3.47	0.75
Nitrate as N	1.23	0.27	450.23	97.88
Nitrite as N	0.00	0.00	0.06	0.01
Ammonium as N	0.000	0.000	0.000	0.000
Total N	1.35	0.29	494.32	107.46
Total P	0.18	0.04	66.54	14.47

Table 4: Contaminant loading in emissions irrigated to land in the reporting period.

Parameter	kg/day	kg/ha/day	kg/year	kg/ha/year
BOD	0.05	0.01	0.64	0.14
TDS	7.19	1.56	86.31	18.76
TSS	0.00	0.00	0.03	0.01
Nitrate as N	0.34	0.07	4.06	0.88
Nitrite as N	0.00	0.00	0.00	0.00
Ammonium as N	0.00	0.00	0.00	0.00
Total N	0.37	0.08	4.46	0.97
Total P	0.05	0.01	0.60	0.13

As per condition 2.2.2 of Licence L8880/2015/1 the limits for emissions to land are;

- 480 kg/ha/annum for Total Nitrogen and
- 180 kg/ha/annum for Total Phosphorus.

Total Nitrogen and Total Phosphorus levels in the recycled water were below prescribed limits in this reporting period.

6. INPUTS AND OUTPUTS

6.1 Sewage and Effluent

Monthly inflows of raw sewage, treated effluent, and discharge of treated effluent to land for the reporting period are shown in Table 5.

Table 5: WWTP inflows and outflows for the reporting period

Month	Sewage inflow (m^3)	Treated effluent Total (m^3)	Treated effluent to land (m^3)
April 2025	2,040	1,974	436
May 2025	2,429	2,342	473
June 2025	1,799	1,785	0
July 2025	2,001	1,946	1072
August 2025	1,950	1,838	210
September 2025	1,836	1,747	747
October 2025	2,069	2,001	846
November 2025	1,997	1,927	399
December 2025	1,963	1,907	678
January 2026	1,937	1,886	532
February 2026	1,701	1,698	323
March 2026	1,837	1,830	766
TOTAL	**23,559**	**22,881**	**6,482**

During the current reporting period there was routine discharge to the onsite irrigation area. This is in line with licence conditions and Nova Nickels Recycled Water Management Plan.

The difference between sewage inflow and outflow is due to tank holding balance differences, and regular collection and removal of sludge/solids.

6.2 Landfill Waste

The Nova site does not utilise a weighbridge system for landfill inputs because of the landfill's small size. Tonnages to landfill are estimated on volumes and a conversion factor to tonnes. The conversion factor in use at Nova is based on the uncompacted putrescible rate from the Waste Authority of WA guidelines for conversion of volume to tonnes. A significant component of heavier waste streams such as metal is not landfilled.

Nova has a comprehensive waste reduction scheme in place and is committed to waste diversion. A three-bin recycling system is in place, industrial skips are utilised for metals, hydrocarbons, and cardboard. The mining contractor, Barminco, also has a recycling programme for industrial wastes.

Since the commencement of operations, Nova has implemented a range of recycling initiatives, including organic waste, co-mingled recyclables (bottles, cardboard and paper), textiles, selected hard plastics, e-waste, fluorescent globes, and safety glasses. These initiatives have significantly reduced the volume of waste directed to landfill. In addition, a 'Containers for Change' program has been established under which eligible containers are collected and donated to the Norseman Men's Shed, with all proceeds directed to charity.

The estimated waste data for the reporting period is shown in Table 5. An estimated 1,205 tonnes of waste were landfilled in this reporting period, utilising the estimated volume to tonnage methodology. This amount is well within the licensed 2000 tonnes per annum allowance.

Table 6: Waste inputs to the Nova Landfill for the reporting period

Month	Waste to landfill (m^3)	Waste to landfill (tonnes)
April 2025	336	101
May 2025	266	109
June 2025	322	97
July 2025	336	101
August 2025	308	92
September 2025	371	111
October 2025	434	130
November 2025	280	84
December 2025	322	97
January 2026	308	92
February 2026	280	84
March 2026	357	107
TOTAL	**3,920.00**	**1,205.40**

6.3 Tailings and Decant

Monthly water quality samples were collected for the TSF input and output over the reporting period. All sampled were analysed by the onsite Bureau Veritas laboratory. Monitoring results are provided in Table 7.

Table 7: Water quality of TSF inputs and outputs in the reporting period

Site	Parameter	Units	No of samples	Min	Max	Mean	Median
TSF input (Processing Plant discharge point)	pH	-	12	3.5	6.6	5.7	5.9
	TDS	mg/L	12	55.5	127.9	99.8	101.4
TSF output (Decant to Process Water Tank)	pH	-	12	5.2	7.6	6.1	6.2
	TDS	mg/L	12	100.9	127.7	114.4	114.4

The volumes of tailings discharged to the tailings storage facility (TSF) and decant water recovered from the TSF during the reporting period are presented in Table 8.

Table 8: Volumes of TSF inputs and outputs for the reporting period

Month	Tailings inflow (m^3)	Decant outflow (m^3)	Tailings to TSF (t)	Tailings to Underground (paste) (t)
April 2025	124,466	127,471	69,272	52,955
May 2025	111,846	130,641	231,135	58,963
June 2025	89,473	143,719	211,511	88,524
July 2025	85,270	140,598	45,700	34,280
August 2025	91,360	140,767	29,602	82,573
September 2025	84,454	139,613	16,948	82,782
October 2025	111,679	129,674	32,440	52,501
November 2025	96,567	139,746	26,877	68,261
December 2025	110,239	144,931	22,999	57,594
January 2026	96,629	151,660	25,114	73,851
February 2026	81,749	131,716	18,336	80,590
March 2026	75,934	144,172	17,649	78,446
TOTAL	**1,159,666.11**	**1,664,707.65**	**747,583.03**	**811,319.56**

7. GROUNDWATER MONITORING

Quarterly groundwater monitoring was conducted at the shallow monitoring bores TSF-MBH01A, TSF-MBH02C, TSF-MBH03A and TSF-MBH04A, and the deep monitoring bores TSF-MBH01B, TSF-MBH02B, TSF-MBH03B and TSF-MBH04B. Monitoring results for the TSF bore network are presented in Table 9.

All monitoring bores were dry throughout the reporting period; therefore, groundwater samples for water quality analysis could not be collected. The monitoring bores were also dry during the previous reporting period.

Table 9: TSF Bore Monitoring Results for the reporting period

Quarter	Date of Monitoring	Result
Q2 2025	04/08/2025	All bores were dry
Q3 2025	06/07/2025	All bores were dry
Q4 2025	22/10/2025	All bores were dry
Q1 2026	29/03/2026	All bores were dry

8. PRODUCTION DATA

In accordance with Condition 1.2.12 of Licence L8880/2015/1, the approved production limit for the Processing Plant is 1,750,000 tonnes of ore per year. As presented in Table 10, total Processing Plant throughput for the reporting period was 1,342,854 wet tonnes, representing approximately 77% of the licensed production limit.

In accordance with Condition 1.2.12 of Licence L8880/2015/1, the approved production limit for the Power Station is 19.5 MW, which also represents the facility's design capacity. As shown in Table 9, the Power Station generated a total of 53, 606 MWh of electrical energy during the reporting period. An extension of the solar farm with a battery storage facility was also in operation over the reporting period.

Table 10: Processing Plant and Power Station data for the reporting period

Month	Processing Plant throughput (wet tonnes)	Power Station production (MWh)
April 2025	141,722	5,612
May 2025	119,289	5,334
June 2025	122,038	5,878
July 2025	90,657	4,615
August 2025	126,336	5,525
September 2025	108,597	4,421
October 2025	94,218	3,366
November 2025	108,868	3,708
December 2025	95,516	3,051
January 2026	113,952	3,735
February 2026	110,833	3,796
March 2026	110,828	4,565
TOTAL	**1,342,854**	**53,606**

APPENDIX A: ANNUAL AUDIT COMPLIANCE REPORT

Annual Audit Compliance Report Form

Environmental Protection Act 1986, Part V Division 3

Once completed, please submit this form either via email to info@dwer.wa.gov.au, or to the below postal address:

Department of Water and Environmental Regulation
Locked Bag 10
Joondalup DC WA 6919

Section A – Licence details			
Licence number:	L8880/2015/1	Licence file number:	DER2015/000284
Licence holder name:	IGO Nova Pty Ltd		
Trading as:			
ACN:	146 091 527		
Registered business address:	Suite 4, Level 5, South Shore Centre 85 South Perth Esplanade South Perth Western Australia 6151		
Reporting period:	01/04 /2025 **to** 31 /03/ 2026		

Section B – Statement of compliance with licence conditions
Did you comply with all of your licence conditions during the reporting period? (please tick the appropriate box)
☒ Yes – please complete: • section C; • section D (if required); and • sign the declaration in Section F.
☐ No – please complete: • section C; • section D (if required); • section E; and • sign the declaration in Section F.

Section C – Statement of actual production	
Provide the actual production quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed premises category	**Actual production quantity**
5 - Processing or beneficiation of metallic ore or non-metallic ore	1,342,854 tonnes
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.	53,606 MWh

Section D – Statement of actual Part 2 waste discharge quantity	
Provide the actual Part 2 waste discharge quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed premises category	**Actual Part 2 waste discharge quantity**
54 - Sewage facility premises	22, 881 m3
64 - Class ii or iii putrescible landfill site	1,205 tonnes

Section E – Details of non-compliance with licence condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:		Date(s) of non-compliance:	
Details of non-compliance:			
What was the actual (or suspected) environmental impact of the non-compliance? **NOTE** – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Cause (or suspected cause) of non-compliance:			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Was this non-compliance previously reported to DWER?			
☐ Yes, and			

Section E – Details of non-compliance with licence condition	
☐ Reported to DWER verbally	Date: / /
☐ Reported to DWER in writing	Date: / /

Section F – Declaration

I / We declare that the information in this Annual Audit Compliance Report is true and correct and is not false or misleading in a material particular[1].

I / We consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation's (DWER) website.

[redacted]

Date:	20/04/2026	Date:	20/04/2026.
Seal (if signing under seal):			

[1] It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular.

[2] AACRs can only be signed by the licence holder or an authorised person with the legal authority to sign on behalf of the licence holder.