



Licence number	L7180/1997/11	
Licence holder	Onslow Salt Pty Ltd	
ACN	050 159 558	
DWER file number	INS-0001441	
Duration	11/03/2012 to	10/03/2031
Date of issue	08/03/2012	
Date of amendment	04/03/2026	
Premises details	Onslow Salt Operation	
	Legal description –	
	AM70/273, AG70/7, AG70/8, AG70/9, AG70/10, AG70/11, AG70/13, G8/38, G8/39, G8140, G8/41, G8/42, G8/43, G8/44, G8/45 and G8/46	
	As defined by the Premises maps attached to the Revised Licence	

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / design capacity
Category 14: Solar salt manufacturing	<i>3,500,000 tonnes per annual period</i>
Category 58A: Bulk material loading or unloading	<i>3,500,000 tonnes per annual period</i>

This licence is granted to the licence holder, subject to the attached conditions, on 04 March 2026, by:

MANAGER, RESOURCE INDUSTRIES

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

Licence history

Date	Reference number	Summary of changes
26/09/2000	L7180/1997/4	First licence noted in the Industry Licensing System
26/09/2001	L7180/1997/5	Licence reissue
23/03/2002	L7180/1997/6	Licence reissue
23/03/2003	L7180/1997/7	Licence reissue
26/03/2004	L7180/1997/8	Licence reissue
11/03/2005	L7180/1997/9	Licence reissue
11/03/2007	L7180/1997/10	Licence reissue
11/03/2012	L7180/1997/11	Licence reissue
4/03/2013	W5335/2012/1	Works approval for the construction of three additional crystallisers
4/09/2014	L7180/1997/11	Amendment to increase design capacity of category 14 and 58A and convert to REFIRE format
04/03/2026	L7180/1997/11	Expiry date amended to 11/03/2031.

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
Seawater concentration ponds	<ul style="list-style-type: none"> A minimum freeboard of 300mm is to be maintained on all outer levees 	As shown in Schedule 1, Figure 1 & 2
Crystalliser ponds		
Salt washing facilities	<ul style="list-style-type: none"> All washwater to be contained from the washing process within the washpad area and collection drains; and The washwater collected from the salt washing process is to be directed, to the settlement ponds for recycling with any excess water pumped to the condenser ponds. 	As shown in Schedule 1, Figure 3
Seawater pumps	None specified	As shown in Schedule 1, Figure 2
Dump bridge and associated plant		
Stockpiles		
Reclaimer, conveyer, and shiploader		

- The licence holder shall immediately recover, or remove and dispose of, spills of environmentally hazardous materials including fuel, oil, or other hydrocarbons, whether inside or outside an engineered containment system.
- The licence holder shall ensure that all material used for the recovery, removal, and/or disposal of environmentally hazardous materials is stored in an impermeable container prior to disposal at an appropriately authorised facility

Emissions and discharges

Authorised discharge points for emissions

- The licence holder must ensure that where wastes produced on the premises are not taken offsite for lawful use or disposal, they are managed in accordance with Table 2.

Table 2: Authorised emission requirements

Emission point and location reference	Description	Source including abatement
L1 Wastewater discharge channel (As shown in Schedule 1, Figure 3)	Discharge of treated wastewater to unlined evaporation channel	Wastewater potentially contaminated with hydrocarbons from the light vehicle refuelling/washdown area, heavy vehicle refuelling/washdown area and main workshop that has gone through an oily water separator
W1 Bitterns discharge channel (As shown in Schedule 1, Figure 2)	Bitterns discharge to Middle Creek via discharge channel to Indian Ocean	Salt, concentrated brine and saline constituents

5. The licence holder must ensure that all salt, concentrated brine and saline constituents are only discharged to Middle Creek at half tide or higher via a discharge channel.

Emission limits

6. 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 11.

Table 3: Emission and discharge limits

Discharge point	Parameter	Limit
L1 Wastewater discharge channel (As shown in Schedule 1, Figure 3)	Total Recoverable Hydrocarbons	15 mg/L

Monitoring

7. The licence holder must ensure that:
 - (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1 unless otherwise indicated in the relevant table;
 - (b) all surface water sampling is conducted in accordance with AS/NZS 5667.9; and
 - (c) all samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters to be measured unless otherwise indicated in the relevant table.
8. The licence holder must ensure that where practicable:
 - (a) Quarterly monitoring is undertaken at least 45 days apart; and
 - (b) Six-monthly monitoring is undertaken at least 5 months apart.
9. 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.
10. 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 emissions to land

11. The licence holder must undertake the monitoring in Table 4 according to the specifications in that table

Table 4: Monitoring of emissions to land

Emission point reference	Parameter	Units	Averaging Period	Frequency
L1 Wastewater discharge channel (As shown in Schedule 1, Figure 3)	Total Recoverable Hydrocarbons	mg/L	Spot Sample	Quarterly

Ambient environmental quality monitoring

12. The licence holder must monitor the surface water for concentrations of the parameter listed in Table 5:
 - (a) at the corresponding monitoring location;
 - (b) in the corresponding unit;
 - (c) at no less that the corresponding frequency; and
 - (d) for the corresponding averaging period.
 as set out in Table 5

Table 5: Monitoring of ambient surface water

Emission point reference	Parameter	Units	Averaging Period	Frequency
Middle Creek (D1 to D10) Offshore (A1 to A5, B1 to B5 and C1 to C5) As per Schedule 1, Figure 4	Electrical conductivity ¹	µS/c	Spot Sample	Six-monthly

Note 1: In-field non-NATA accredited analysis permitted

Records and reporting

Records

- 13.** 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.
- 14.** 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;
 - monitoring programmes undertaken in accordance with conditions 11 and 12 of this licence; and
 - complaints received under condition 13 of this licence.
- 15.** The books specified under condition 14 must:
- be legible;
 - if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
 - be retained by the licence holder for the duration of the licence; and
 - be available to be produced to an inspector or the CEO as required.

Reporting

- 16.** 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 31 December each year.
- 17.** The licence holder must:
- (a) prepare an Environmental Report that provides information in accordance with Table 6 for the preceding two annual periods, and
 - (b) submit that Environmental Report to the CEO by 31 December 2026 and biennially thereafter.

Table 6: Environmental reporting requirements

Condition	Requirement
-	Summary of any failure or malfunction of any pollution control equipment or any incidents that have occurred during the year and any action taken
-	Total amount (tonnes per year) of salt that was harvested and shipped and bitterns discharged during the annual period.
6 and 11	Summary of monitoring for emissions to land (Total Recoverable Hydrocarbons)
12	Summary of monitoring for emissions to water (Electrical Conductivity)
13	Complaints Summary
16	Compliance

Notification requirements

- 18.** The licence holder must ensure that the parameters listed in Table 7 are notified to the CEO in accordance with the notification requirements of the table.

Table 7: Infrastructure and equipment requirements

Condition or table (if relevant)	Parameter	Notification requirement ¹	Format or form ²
-	Any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution	Part A: As soon as practicable but no later than 5pm of the next usual working day.	N1
-	Breach of any limit specified in the Licence	Part B: As soon as practicable	

Department of Water and Environmental Regulation

Condition or table (if relevant)	Parameter	Notification requirement ¹	Format or form ²
10	Calibration report	As soon as practicable	None specified

Note 1: No notification requirement in the Licence negates the requirement to comply with s72 of the Act.

Note 2: Forms are in Schedule 2.

Definitions

In this licence, the terms in Table 8 have the meanings defined.

Table 8: 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 January until 31 December of the same year.
AS/NZS 5667.1	means the Australian Standard ASINZS 5667.1 Water Quality Sampling— Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples
AS/NZS 5667.9	means the Australian Standard ASINZS 5667.9 Water Quality— Sampling— Guidance on sampling from marine waters
averaging period	means the time over which a limit or target is measured or a monitoring result is obtained
biennially	means every two years.
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 (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.
environmentally hazardous material	means material (either solid or liquid raw materials, materials in the process of manufacture, manufactured products, products used in the manufacturing process, by-products and waste) which if discharged into the environment from or within the premises may cause pollution or environmental harm. Note: Environmentally hazardous materials include dangerous goods where they are stored in quantities below placard quantities. The storage of dangerous goods above placard

Term	Definition
	quantities is regulated by the Department of Mines and Petroleum
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.
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
monthly period	means a one-month period commencing from the first day of a month until the last day of the same month.
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.
quarterly	means the 4 inclusive periods from 1 January to 31 March, 1 April to 30 June, 1 July to 30 September and 1 October to 31 December.
Schedule 1	means Schedule 1 of this Licence unless otherwise stated
Schedule 2	means Schedule 2 of this Licence unless otherwise stated
prescribed premises	has the same meaning given to that term under the EP Act.
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

L7180/1997/11 (04/03/2026)

IR-T06 Licence template (v10.0) (May 2024)



Figure 2: Emission points to surface water



Figure 3: Washdown discharge area and L1 emission point

L7180/1997/11 (04/03/2026)

IR-T06 Licence template (v10.0) (May 2024)

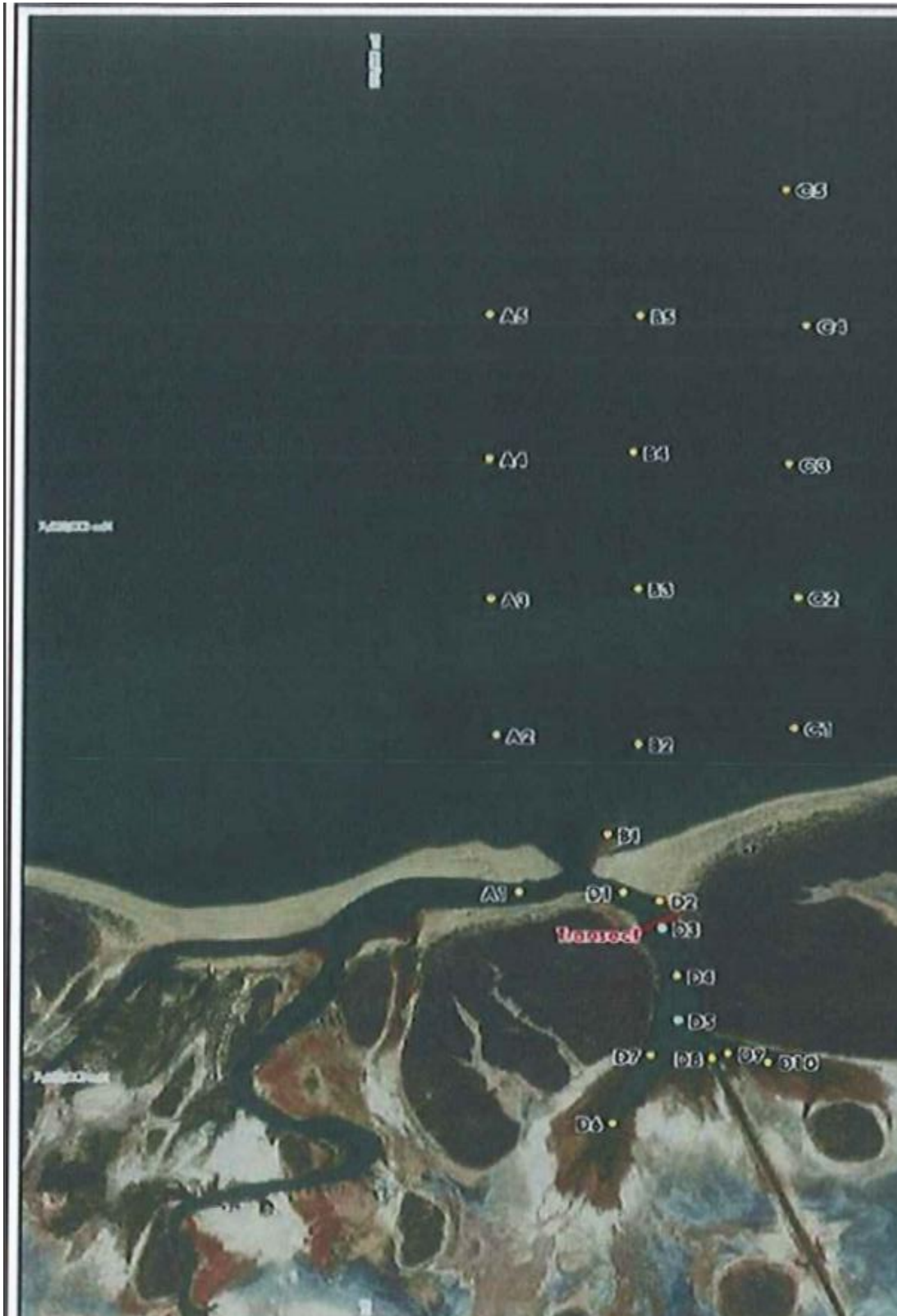


Figure 4: Bittern monitoring locations Schedule 2: Forms

N1 Form

Licence: L8733/2013/1

Licence Holder: Atlas Iron Limited

Form: N1

Date of breach:

Notification of detection of the breach of a limit or any failure or malfunction of any pollution control equipment or any incident which has caused is causing or may cause pollution.

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements must 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	

Notification requirements for any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution	
Date and time of event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken , or intended to be taken, to stop any emission	
Description of the failure or accident	

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.	

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Name	
Post	
Signature on behalf of Atlas Iron Limited	
Date	