



Licence number	L7182/1997/11
Licence holder	Dampier Salt Limited
ACN (if applicable)	008 706 590
Registered business address	37 Belmont Avenue BELMONT WA 6104
DWER file number	DER2014/000643
Duration	22/09/2013 to 21/09/2034
Date of amendment	15/12/2022
Premises details	Dampier Operations Dampier Highway DAMPIER WA 6713 Legal description - ML253SA As defined by the coordinates in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / design capacity
Category 14: Solar salt manufacturing - premises on which salt is produced by solar evaporation.	5 000 000 tonnes per annual period.
Category 58A: Bulk material loading or unloading - premises on which salt is loaded onto or unloaded from vessels by an open material loading system.	60 000 tonnes per day.

This licence is granted to the licence holder, subject to the attached conditions, on 15 December 2022, by:

Alana Kidd

**MANAGER, RESOURCE INDUSTRIES
REGULATORY SERVICES**

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

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Licence History

This Licence is an amendment to licence L7182/1997/11 to increase the premises production or design capacity and to remove a discharge point that has been converted to a containment pond. The licences and works approvals issued for the Premises since 30/09/2000 are:

Reference number	Date	Summary of changes
L7182/1997/4	30/09/2000	First licence noted in the Industry Licensing System.
L7182/1997/5	30/09/2001	Licence reissue.
L7182/1997/6	03/10/2002	Licence reissue.
L7182/1997/7	22/09/2003	Licence reissue.
L7182/1997/8	21/09/2004	Licence reissue.
L7182/1997/9	22/09/2006	Licence reissue.
L7182/1997/10	18/09/2008	Licence reissue.
L7182/1997/11	12/09/2013	Licence reissue and conversion to new format.
L7182/1997/11	07/01/2016	Amendment Notice 1 - Licence amended to increase the premises production capacity or design capacity and to remove a discharge point that has been converted to a containment pond.
L7182/1997/11	12/9/2013	Licence reissue and format conversion.
L7182/1997/11	15/12/2022	Amendment application received from Licence Holder to increase salt manufacturing production capacity from 4,200,000 to 5,000,000 tonnes per annual period. The CEO has also initiated an amendment to the type and style of licence and incorporated Amendment notice 1 (refer section 2.4).

Interpretation

In this licence:

- (a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;
- (a) 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;
- (b) where tables are used in a condition, each row in a table constitutes a separate condition;
- (c) 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;
- (d) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (e) 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

1 General

- 1.1.1 Any reference to an Australian or other standard in the Licence means the relevant parts of the current version of that standard.
- 1.1.2 Any reference to a guideline or code of practice in the Licence means the version of that guideline or code of practice in force from time to time, and shall include any amendments or replacements to that guideline or code of practice made during the term of this Licence.
- 1.1.3 Nothing in the Licence shall be taken to authorise any emission that is not mentioned in the Licence, where the emission amounts to:
 - (a) pollution;
 - (b) unreasonable emission;
 - (c) discharge of waste in circumstances likely to cause pollution; or
 - (d) being contrary to any written law.

1.2 General conditions

- 1.2.1 The Licence Holder shall operate and maintain all pollution control and monitoring equipment to the manufacturer's specification or any relevant and effective internal management system.
- 1.2.2 The Licence Holder shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.
- 1.2.3 The Licence Holder shall:
 - (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.

1.3 Premises operation

- 1.3.1 The Licence Holder shall ensure that:
 - (a) hydrocarbon contaminated soil remediation occurs in landform cells;
 - (b) leachate from the landform cells and stormwater run-off that has come into contact with the soil shall be directed to a collection sump; and
 - (c) the collection sump is capable of storing (as a minimum) run-off from a 1 in 10 year rainfall event.

- 1.3.2 The Licence Holder shall ensure that waste material is only stored and/or treated within vessels or compounds listed in Table 1 and identified on the map of containment infrastructure in Schedule 1, in accordance with the requirements specified within Table 1.

Table 1: Containment infrastructure

Storage vessel or compound	Material	Requirements
Lined evaporation pond	Treated wastewater from oily water separator at maintenance workshop	<ul style="list-style-type: none"> • HDPE liner; and • Minimum vertical freeboard of 200 mm

2 Emissions

2.1 General

- 2.1.1 The Licence Holder shall record and investigate the exceedance of any descriptive or numerical limit in this section.

2.2 Point source emissions to surface water

- 2.2.1 The Licence Holder shall ensure that where waste is emitted to surface water from the emission points in Table 2 and identified on the map of emission points in Schedule 1 it is done so in accordance with the conditions of this licence.

Table 2: Emission points to surface water

Emission point reference and location on Map of emission points	Emission point reference on Map of emission points	Description	Source
W1	Bitterns discharge channel to Nickol Bay	Bitterns discharge channel	Bitterns
W2	Mistaken Island wash bay pond discharge to Mermaid Strait	Wastewater discharge points	Wastewater potentially contaminated with hydrocarbons
W3 (a,b,c,d), W3e	Conveyor transfer discharge points to Mermaid Strait	Discharge of washdown water	Wastewater potentially contaminated with hydrocarbons

- 2.2.2 The Licence Holder shall not cause or allow point source emissions to the marine environment greater than the limits listed in Table 3.

Table 3: Point source emission limits to the marine environment

Emission point reference	Parameter	Limit (including units)	Averaging period
W2 and W3 (a,b,c,d), W3e	TRH	15 mg/L	Spot sample
	BTEX	10 µg/L	

2.2.3 All emission points listed in Table 2.2.2 must pass through an oily water separator prior to discharge to the marine environment.

2.3 Emissions to land

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

Table 4: Emission points to land

Emission point reference and location on Map of emission points	Emission point reference on Map of emission points	Description	Source including abatement
L2	Maintenance workshop drain	Discharge of wastewater to unlined evaporation ponds	Maintenance Workshops, Mobile equipment wash down bays and fuel farms
L3	Light vehicle fuel farm drain		
L4	Light vehicle/heavy vehicle drain		
L5	Truckwash evaporation pond		
L6	Heavy vehicle fuel farm drain		

2.3.2 The Licence Holder shall not cause or allow emissions to land greater than the limits listed in Table 5.

Table 5: Emission limits to land

Emission point reference	Parameter	Limit (including units)	Averaging period
L2 - L6	TRH	15 mg/L	Spot sample
	BTEX	10 µg/L	

3 Monitoring

3.1 General monitoring

- 3.1.1 The Licence Holder shall ensure that:
- (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
 - (b) all wastewater sampling is conducted in accordance with AS/NZS 5667.10;
 - (c) all surface water sampling is conducted in accordance with AS/NZS 5667.9; and
 - (d) all laboratory samples are submitted to a laboratory with current NATA accreditation for the parameters to be measured.
- 3.1.2 The Licence Holder shall ensure that:
- (a) monthly monitoring is undertaken at least 15 days apart;
 - (b) quarterly monitoring is undertaken at least 45 days apart; and
 - (c) six monthly monitoring is undertaken at least 5 months apart.

3.2 Monitoring of point source emissions to surface water

- 3.2.1 The Licence Holder shall undertake the monitoring in Table 6 according to the specifications in that table.

Table 6: Monitoring of point source emissions to the marine environment

Emission point reference	Parameter	Units	Frequency
W1	Volume	L/s m ³ /day	Monthly cumulative
	Chloride, sulphate, sodium, magnesium, potassium, Calcium, TSS, arsenic, beryllium, boron, cadmium, chromium, copper, fluoride, lead, mercury, nickel, Total nitrogen, Total phosphorus	mg/L	Six monthly
	Electrical conductivity	µS/cm	
	pH ¹	pH units	
W2, W3 (a,b,c,d), W3e	TRH	mg/L	Quarterly
	BTEX	µg/L	

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

3.3 Monitoring of emissions to land

- 3.3.1 The Licence Holder shall undertake the monitoring in Table 7 according to the specifications in that table.

Table 7: Monitoring of emissions to land

Emission point reference	Parameter	Units	Frequency
L2 - L6	TRH	mg/L	Quarterly
	BTEX	µg/L	

4 Information

4.1 Records

- 4.1.1 All information and records required by the Licence shall:
- (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 4.1.1(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.
- 4.1.2 The Licence Holder shall 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.
- 4.1.3 The Licence Holder shall complete an Annual Audit Compliance Report indicating the extent to which the Licence Holder has complied with the conditions of the Licence, and any previous licence issued under Part V of the Act for the Premises for the previous annual period.
- 4.1.4 The Licence Holder shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

4.2 Reporting

- 4.2.1 The Licence Holder shall submit to the CEO an Environmental Report by 30 April 2022 and biennially thereafter. The report shall contain the information listed in Table 8 in the format or form specified in that table. The Licence Holder shall submit to the CEO an AACR by 30 April 2023 and annually thereafter, regardless of whether an environmental report is due or not.

Table 8: Environmental Report

Condition or table (if relevant)	Parameter	Format or form ¹
-	Summary of any failure or malfunction of any pollution control equipment or any incidents that have occurred during the annual period and any action taken	None specified
1.3.1	A log of the number of tyres disposed and the disposal locations	None specified

4.1.3	Compliance	Annual Audit Compliance Report (AACR) ²
4.1.4	Complaints summary	None specified
Table 2.2.2 and Table 2.3.2	Limit exceedances	None specified
Table 3.2.1	Volume, chloride, sulphate, sodium, magnesium, potassium, calcium, TSS, arsenic, beryllium, boron, cadmium, chromium, copper, fluoride, lead, mercury, nickel, Total nitrogen, Total phosphorus, EC, pH, TPH, BTEX	None specified
Table 3.3.1	TRH, BTEX	None specified
N/A	Contaminated sites investigation update including summary of any monitoring or work conducted during the reporting period.	None specified
N/A	Information pertaining to the Bitterns Management Plan and Mangrove Management and Monitoring Plan including bitterns monitoring data and mangrove monitoring data.	None specified

Note 1: Forms are in Schedule 2

Note 2: AACR forms can be found in DWER website

- 4.2.2 The Licence Holder shall ensure that the Environmental Report also contains:
- (a) an assessment of the information contained within the report against previous monitoring results and Licence limits; and
 - (b) a list of any original monitoring reports submitted to the Licence Holder from third parties for the annual period and make these reports available on request.

4.3 Notification

- 4.3.1 The Licence Holder shall ensure that the parameters listed in Table 9 are notified to the CEO in accordance with the notification requirements of the table.

Table 9: Notification requirements

Condition or table (if relevant)	Parameter	Notification requirement ¹	Format or form ²
2.1.1	Breach of any limit specified in the Licence.	Part A: As soon as practicable but no later than 5pm of the next usual working day. Part B: As soon as practicable	N1

Note 1: Notification requirements in the licence shall not negate the requirement to comply with s72 of the Act

Note 2: Forms are in Schedule 2

L7182/1997/11 (amended 15/12/2022)

Definitions

In this licence, the terms in Table 1 have the meanings defined.

Table 10: Definitions

Term	Definition
Act	means the <i>Environmental Protection Act 1986</i>
Annual period	means the inclusive period from 1 January until 31 December in that year
AS/NZS 5667.1	means the Australian Standard AS/NZS 5667.1 <i>Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples</i>
AS/NZS 5667.9	means the Australian Standard AS/NZS 5667.9 <i>Water Quality – Sampling – Guidance on sampling from marine waters</i>
AS/NZS 5667.10	means the Australian Standard AS/NZS 5667.10 <i>Water Quality – Sampling – Guidance on sampling of waste waters</i>
Averaging period	means the time over which a limit or target is measured or a monitoring result is obtained
BTEX	means benzene, toluene, ethyl benzene, xylene
CEO	means Chief Executive Officer of the Department of Water and Environmental Regulation
CEO	Chief Executive Officer Department Administering the Environmental Protection Act 1986 Locked Bag 10 JOONDALUP DC WA 6919 Telephone: (08) 6367 7000 Facsimile: (08) 6367 7001 Email: info@dwer.wa.gov.au
EC	means Electrical Conductivity
HDPE	means High Density Polyethylene
Licence	means this Licence numbered L7182/1997/11 and issued under the <i>Environmental Protection Act 1986</i>

Licence Holder	means the person or organisation named as Licence Holder on page 1 of the Licence
µg/L	means micrograms per litre
µS/cm	means micro Siemens per centimetre
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
Premises	means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Licence
Schedule 1	means Schedule 1 of this Licence unless otherwise stated
Schedule 2	means Schedule 2 of this Licence unless otherwise stated
spot sample	means a discrete sample representative at the time and place at which the sample is taken
TRH	means total recoverable hydrocarbons
TSS	means total suspended solids

Schedule 1: Maps

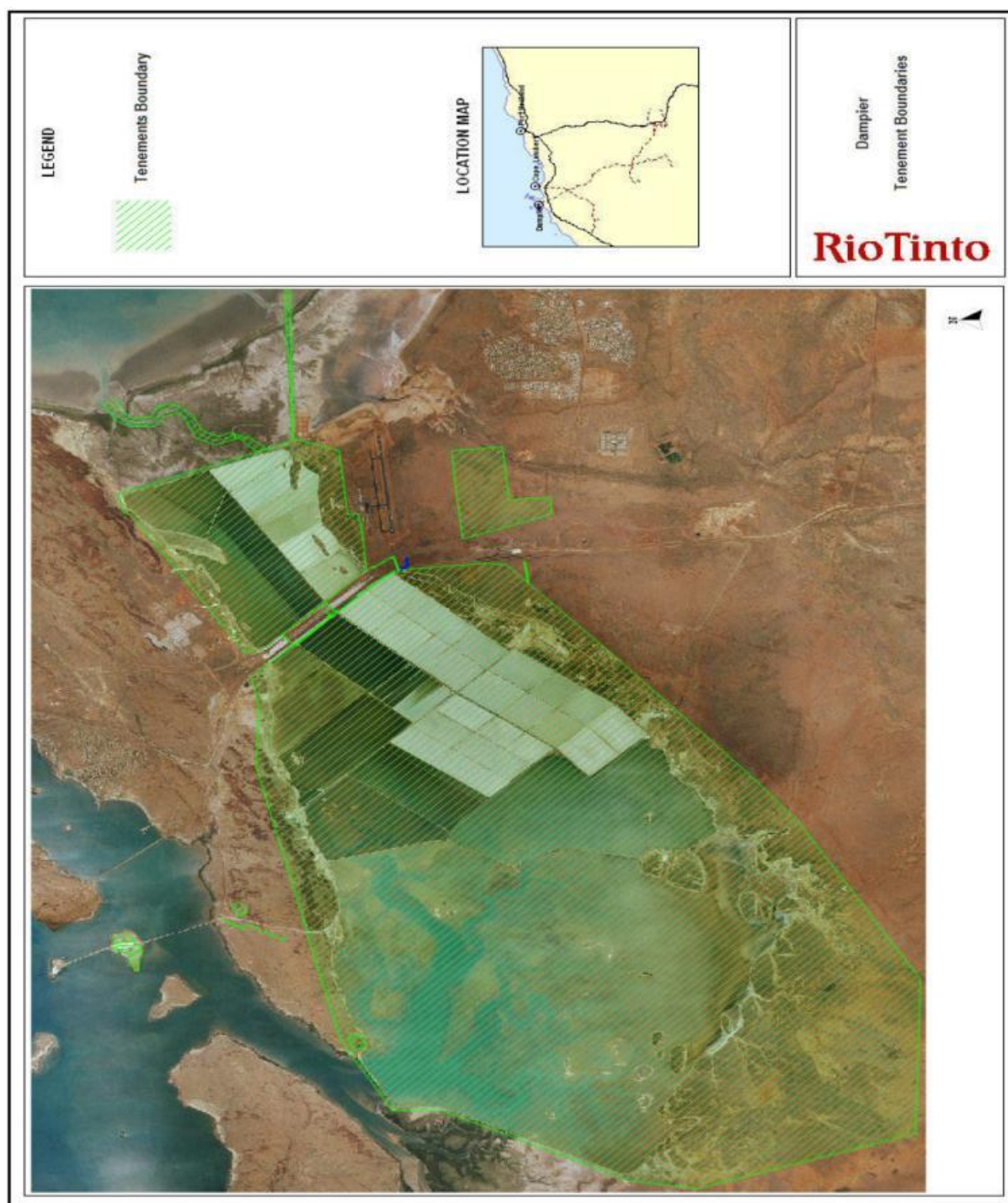


Figure 1: Premises map

The Premises is shown in the map above. The outline of the green shaded area depicts the Premises boundary.



Figure 2: Map of emission points

The locations of the emission points defined in Tables 2-7 are shown above.



Figure 3: Mistaken Island and East Mid Intercourse Island discharge points

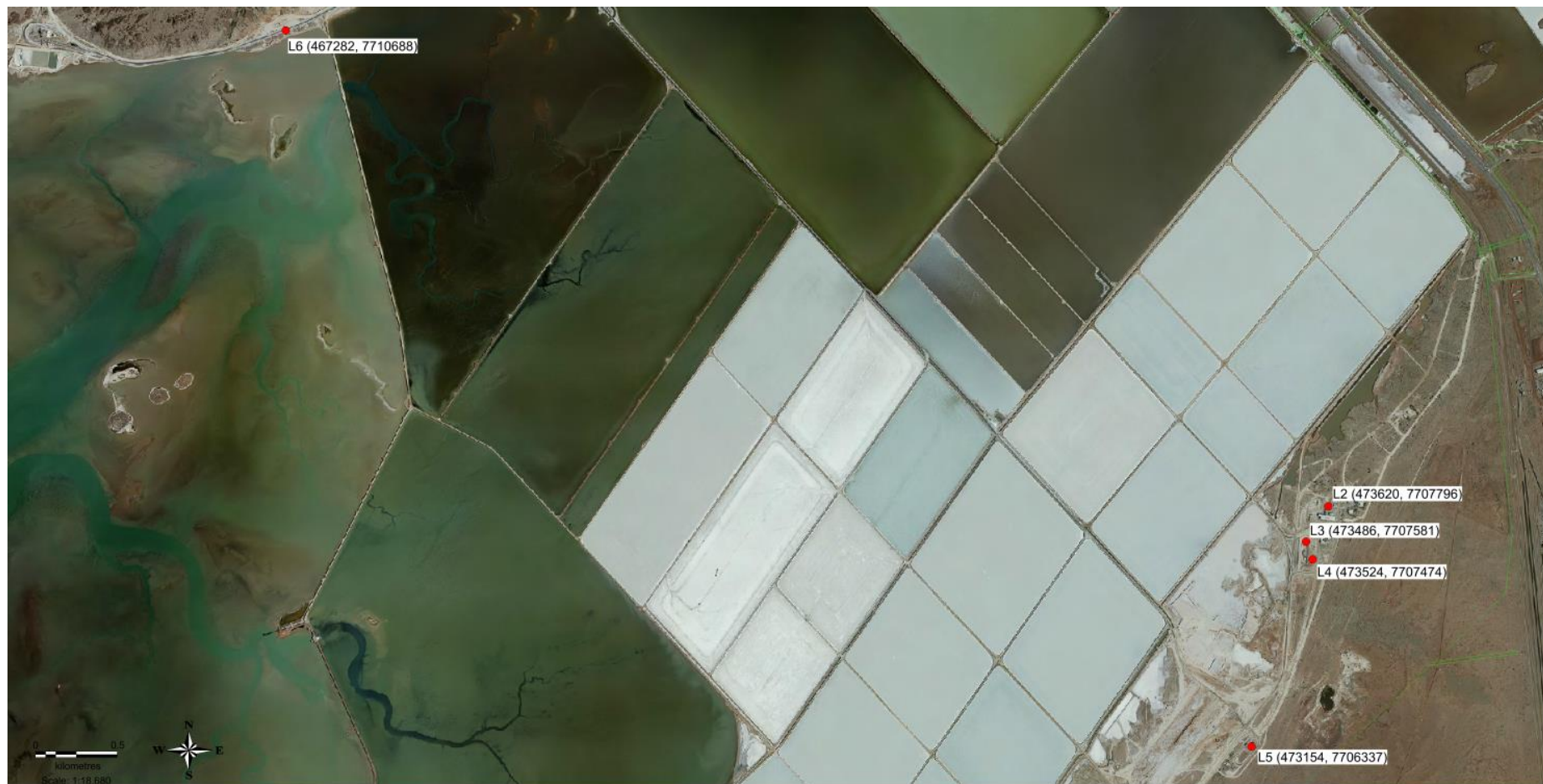


Figure 4: Discharge points to unlined evaporation ponds

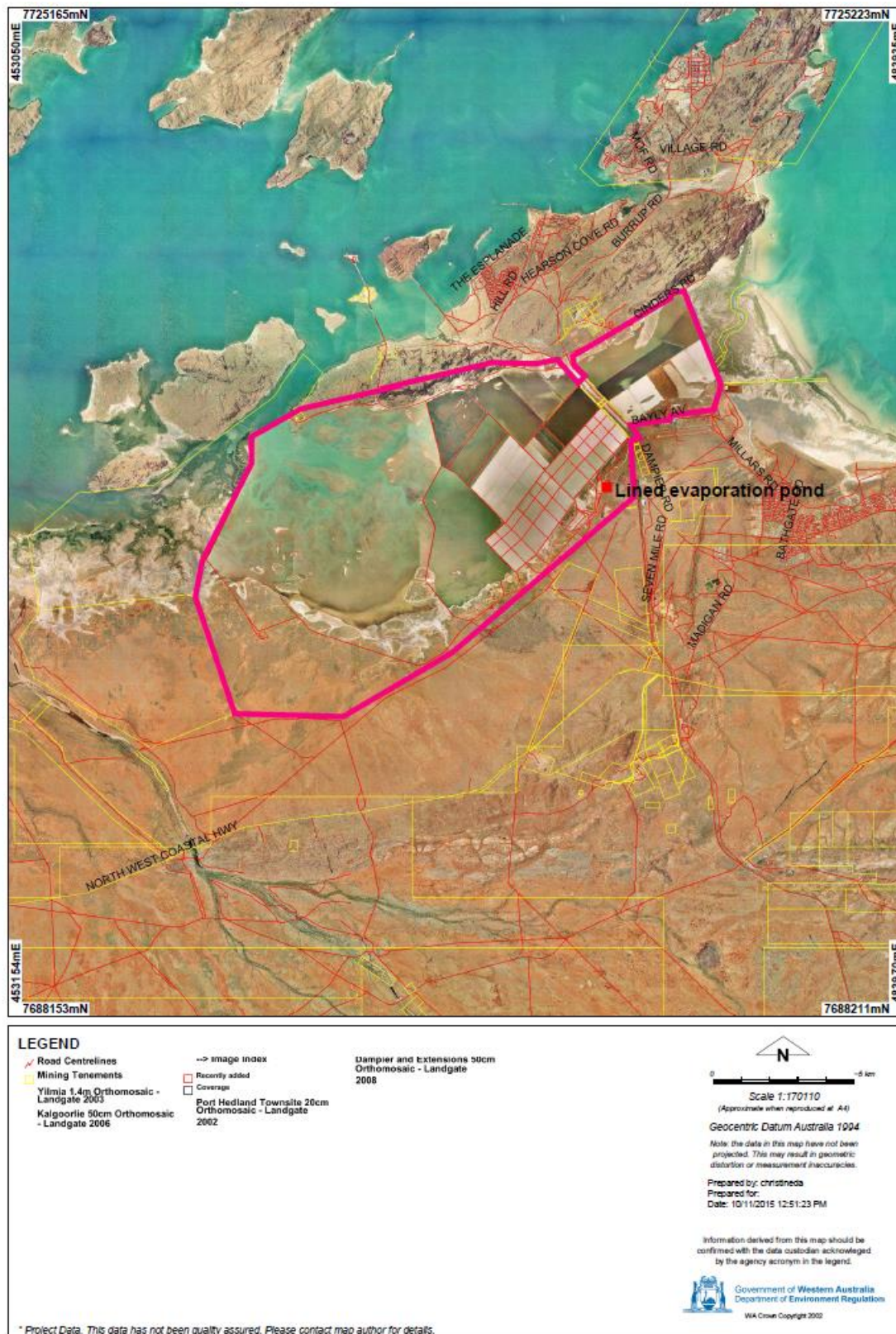


Figure 5: Map of containment infrastructure

The locations of the containment infrastructure defined in Table 1 is shown above.

Schedule 2: Reporting & notification form

Licence: L7182/1997/11

Licence Holder: Dampier Salt Limited

Form: N1

Date of breach:

Notification of the 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 Dampier Salt Limited	
Date	