Licence

Licence number	L7426/2000/8
Licence holder	RAC Tourism Assets Pty Ltd
ACN	168 253 085
Registered business address	832 Wellington Street PERTH WA 6000
DWER file number	2011/003272-3
Duration	07/04/2015 to 06/04/2029
Date of issue	07/04/2015
Date of amendment	08/11/2023
Premises details	Monkey Mia Dolphin Resort Monkey Mia Road SHARK BAY WA 6537 Legal description - Being Lot 556 on Plan 404665; portion of Lot 555 on Plan 404665 (15 metre wide parallel easement for the rising main); portion of Lot 300 on Plan 51888 (15 metre wide parallel easement for the rising main); portion of Lot 130 on Plan 54332 (15 metre wide parallel easement for the rising main); and portion of Lot 130 on Plan 54332 (macerator pit) as depicted in Schedule 1.

Prescribed premises category description **(Schedule 1, *Environmental Protection Regulations 1987*)**	**Assessed production / design capacity**
Category 54: Sewage facility: premises – (a) on which sewage is treated (excluding septic tanks); or (b) from which treated sewage is discharged onto land or into waters.	150 m^3 per day (monthly average)

This licence is granted to the licence holder, subject to the attached conditions, on 8 November 2023, by:

Thomas Kaethner

Digitally signed by Thomas Kaethner
Date: 2023.11.13 15:37:56 +08'00'

Thomas Kaethner
SENIOR LICENSING OFFICER, INDUSTRY REGULATION
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Licence history

Date	Reference number	Summary of changes
21/02/2000	W2939/2000/1	Works approval
07/04/2000	L7426/2000/1	Licence
01/05/2001	L7426/2000/2	Licence reissue
17/10/2001	W3449/2000/1	Works approval
17/04/2002	L7426/2000/3	Licence reissue
14/04/2003	L7426/2000/4	Licence reissue
12/01/2004	W3889/2000/1	Works approval
07/04/2004	L7426/2000/5	Licence reissue
07/04/2007	L7426/2000/6	Licence reissue
07/04/2010	L7426/2000/7	Licence reissue
15/08/2012	W4851/2010/1	Works approval
02/03/2015	L7426/2000/8	Licence reissue
04/02/2016	L7426/2000/8	Licence amendment – transfer of occupier
10/11/2016	L7426/2000/8	Notice of amendment and schedule of licences with amended expiry dates. Licence expiry amended to 6 April 2029.
02/11/2018	L7426/2000/8	Amendment Notice 1 – second infiltration swale and additional irrigation area
11/07/2022	L7426/2000/8	The CEO has initiated an amendment to the type and style of licence and incorporated amendment notices. The obligations of the licence holder have not changed in making this administrative amendment. During the consolidation of amendment notices, DWER has not undertaken any additional risk assessment of the premises. In consolidating the licence, the CEO has, • Updated the format and appearance of the licence; • Revised the licence condition numbers, removed any redundant conditions and realigned condition numbers for numerical consistency; and • Corrected clerical mistakes and unintentional errors.
08/11/2023	L7426/2000/8	Increase discharge limits for RO brine and consolidating the licence into the current format.

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

Specified actions

1. The licence holder must ensure that the proposed works specified in Column 1 of Table 1 are designed and constructed to meet or exceed the specifications in Column 2 of Table 1 for the infrastructure in each row of Table 1.

2. The licence holder must not depart from the specifications in Table 1 except:

(a) where such departure is minor in nature and does not materially change or affect the infrastructure; or

(b) where such departure improves the functionality of the infrastructure and does not increase risks to public health, public amenity or the environment; and all other conditions in this licence are still satisfied.

Table 1: Works specifications

Column 1 Infrastructure	Column 2 Specifications (design and construction)
Irrigation area 1 (See Schedule 1: Maps; Figure 2)	The licence holder must ensure that the irrigation area: • is contained within an area not exceeding 850 m^2; • is contained within the premises boundary; • is not accessible to the public (non-operational staff) at any time; • has a separation distance of at least 3 metres from the premises boundary fence internally, to assist in the management of wind drift of any treated wastewater irrigated to the irrigation area; • has signage placed around the boundary of the premises identifying irrigation of treated wastewater within the premises boundary; and • ensure PVC class 12 pipes are used.
Sprinkler system	The licence holder must ensure that the sprinkler system: • is designed as a sprinkler header system installed with 'Hunter 1-20 Series' nozzles or equivalent; • is designed to ensure no spray drift will occur beyond the premises boundary fence line; • is completely contained within the irrigation area; • has irrigation pipework that is identified by lilac coloured pipes (for identification of non-potable treated water use).
2nd infiltration drain	The licence holder must ensure that the: • design capacity for the 2nd infiltration swale is 640kL; and • is 45m in length x 20m wide.

3. If departures under condition 2 apply, then the licence holder must provide the CEO with a list of departures which are certified as complying with condition 2 at the same time as the certifications under condition 4.

4. The licence holder must submit a construction compliance document to the CEO, within one month, following the construction of the works and prior to operating the

new works at the premises.

5. The licence holder must ensure the construction compliance document:

(a) is certified by a suitably qualified professional engineer or builder that each item of infrastructure specified in condition 2, Table 1 has been constructed in accordance with the conditions of the licence with no material defects; and

(b) be signed by a person authorised to represent the licence holder and contain the printed name and position of that person within the company.

Infrastructure and equipment

6. The licence holder must ensure that the site infrastructure and equipment listed in Table 2 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 2.

Table 2: Infrastructure and equipment requirements

Site infrastructure and equipment	Operational requirement	Infrastructure location
Main pump station	Be maintained in good working order.	As shown on Figure 2 in Schedule 1: Maps
Macerator	Be maintained in good working order.	As shown on Figure 1 in Schedule 1: Maps
Inlet screen (Drum Screen)	• Grit and screenings to be stored in a sealed bin; and • Be maintained in good working order.	N/A
Wastewater balance tank	Concrete tanks designed to achieve a permeability of 10^{-9} m/s or less.	N/A
Anoxic zone		
Aerobic zone		
Membrane filtration		
Two holding tanks	Tanks comprised of polypropylene.	As shown on Figure 2 in Schedule 1: Maps
Irrigation area	The licence holder must ensure that the irrigation area: • is contained within an area not exceeding 850 m^2; • is contained within the premises boundary; • is not accessible to the public (non-operational staff) at any time; • has a separation distance of at least 3 metres from the premises boundary fence internally, to assist in the management of wind drift of any treated wastewater irrigated to the	As shown on Figure 2 in Schedule 1: Maps, labelled as Irrigation Area

Site infrastructure and equipment	Operational requirement	Infrastructure location
	irrigation area; • has signage placed around the boundary of the premises identifying irrigation of treated wastewater within the premises boundary; and • ensure PVC class 12 pipes are used.	
Sprinkler system	The licence holder must ensure that the sprinkler system: • is designed as a sprinkler header system installed with 'Hunter 1-20 Series' nozzles or equivalent; • is designed to ensure no spray drift will occur beyond the premises boundary fence line; • is completely contained within the irrigation area; • has irrigation pipework that is identified by lilac coloured pipes (for identification of non-potable treated water use).	As shown on Figure 2 in Schedule 1: Maps, labelled as Irrigation Area
Infiltration drain 1	Unlined in-situ soils.	As shown on Figure 2 in Schedule 1: Maps
Infiltration drain 2	The licence holder must ensure that the: • design capacity for the 2nd infiltration swale is 640kL; • is 45m in length x 20m wide; and • unlined in-situ soils.	As shown on Figure 2 in Schedule 1: Maps, labelled as Proposed 2nd Infiltration Swale Location
Emergency holding pond 1 (former primary treatment pond)	• HPDE lined; • Wastewater to be returned to the start of the treatment process.	As shown on Figure 2 in Schedule 1: Maps
Emergency holding pond 2 (former secondary treatment pond)	• HDPE lined and capable of preventing surface run-off of leachate and sludge and which includes a leachate collection system; and • Wastewater to be returned to the start of the treatment process.	As shown on Figure 2 in Schedule 1: Maps

7. The licence holder shall operate and maintain:

(a) all wastewater treatment equipment to the manufacturer's specifications; and

(b) all monitoring bores to the original design specifications.

8. The licence holder shall manage all wastewater holding ponds and infiltration swale such that:

(a) overtopping of the ponds/ swale does not occur;

(b) a freeboard equal to, or greater than, 300 mm is maintained;

(c) the integrity of the containment infrastructure is maintained;

(d) trapped overflows are maintained on the outlet of ponds to prevent carry-over of surface floating matter;

(e) vegetation and floating debris (emergent or otherwise) is prevented from encroaching onto pond/swale surfaces; and

(f) vegetation is prevented from encroaching onto the inner pond embankments.

9. The licence holder shall:

(a) implement security measures at the site to prevent as far as is practical unauthorised access to the site;

(b) undertake regular inspections of all security measures and repair damage as soon as practicable; and

(c) ensure the entrance gates are closed and locked when the site is closed or unmanned.

Waste Acceptance

10. The licence holder must only accept onto the premises waste of a type that:

(a) does not exceed the rate at which that waste is received; and

(b) meets the relevant acceptance specification,

as set out in Table 3.

Table 3: Waste acceptance criteria

Waste type	Rate at which waste is received[1]	Acceptance specification
Sewage	150 m^3/day	• Accepted through sewer inflow(s) from Monkey Mia Dolphin Resort and Department of Parks and Wildlife only; and • Tankered into the premises and discharged via the WWTP pre-treatment works during emergency events or maintenance works from any part of Monkey Mia Dolphin Resort and Department of Parks and Wildlife facilities only.
Reverse osmosis brine water	Not specified	Accepted for disposal into the infiltration swale or emergency evaporation ponds from the premises reverse-osmosis process only.

Note 1: Based on a monthly average

11. The licence holder must ensure that where waste does not meet the waste acceptance criteria set out in condition 10, it is removed from the premises by the delivery vehicle or, where that is not possible, stored in a quarantined storage area or container and removed to an appropriately authorised facility as soon as practicable.

Waste Processing

12. The licence holder must ensure that the waste types specified in Table 4 are only subjected to the corresponding process(es), subject to the corresponding process limits and/or specifications.

Table 4: Waste processing

Waste type	Process(es)	Process limits and/or specifications
Sewage	Biological reaction process combined with an ultrafiltration membrane system	• Treatment of sewage waste shall be at or below the treatment capacity of 150 m^3/day (monthly average).
Brine water	Reverse osmosis process on groundwater	• Maximum of 500 m^3 per day discharged to the infiltration swale.
Treated wastewater	Irrigation area	• Maximum of 35 m^3 per day discharged from the WWTP treated water tank to the irrigation area within the premises boundary, during 1 March to 30 November annually; • Maximum of 46 m^3 per day discharged from the WWTP treated water tank to the irrigation area within the premises boundary, during 1 December to 29 February annually; • Irrigated during premises operational hours, between 7 am to 5 pm only; • Maintains a 3 m separation distance to the boundary fence; and • No pooling or ponding to occur.
Sewage sludge	Storage	• Stored in emergency holding pond 2 prior to disposal at an appropriate waste facility.

Emissions and discharges

Emissions to land

13. The licence holder shall immediately recover, or remove and dispose of spills of sewage, sewage sludge or reverse-osmosis bitterns outside of the infiltration swale, sludge drying compound or an engineered containment system.

14. The licence holder must ensure that the emissions specified in Table 5, are discharged only from the corresponding discharge point and only at the corresponding discharge point location.

Table 5: Authorised discharge points

Emission	Discharge point	Discharge point location
Treated waste water	**Infiltration swale 1** (Discharge from WWTP to infiltration swale when infiltration swale 2 is off line)	As shown in Schedule 1: Maps; Figure 2 labelled as “Infiltration Swale 1”
	Irrigation area 1 (<5,100 m^2) (Discharge from WWTP to irrigation area for evaporation and infiltration)	As shown in in Schedule 1: Maps; Figure 2 labelled as “Irrigation Area 1”
	Infiltration swale 2 (Discharge from WWTP to infiltration swale 1 when infiltration swale 1 is offline)	As shown in in Schedule 1: Maps; Figure 2 labelled as “Infiltration Swale 2”
	Irrigation area 2 (<850 m^2) (Discharge from WWTP to irrigation area for evaporation and infiltration)	As shown in in Schedule 1: Maps; Figure 2 labelled as “Irrigation Area 2”

15. The licence holder must ensure that emissions from the discharge point listed in Table 6 for the corresponding parameter do not exceed the corresponding limit when monitored in accordance with condition 19.

Table 6: Emission and discharge limits

Discharge point	Parameter	Limit	Averaging period
Infiltration swale 1; Irrigation area 1; Infiltration swale 2; and Irrigation area 2.	Biochemical Oxygen Demand	< 30 mg/L	Spot sample
	Total Nitrogen	< 40 mg/L	
	Total Phosphorus	< 10 mg/L	
Irrigation area 1; and Irrigation area 2.	Volumetric flow rate – treated waste water	< 46 m^3/day	Continuous

Monitoring

16. The licence holder shall ensure that:

(a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;

(b) all marine water sampling is conducted in accordance with AS/NZS 5667.9;

(c) all wastewater sampling is conducted in accordance with AS/NZS 5667.10;

(d) all groundwater sampling is conducted in accordance with AS/NZS 5667.11;

(e) all microbiological samples are collected and preserved in accordance with AS/NZS 2031; and

(f) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured.

17. The licence holder shall 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.

18. The licence holder shall, 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

19. The licence holder shall undertake the monitoring in Table 7 according to the specifications in that table.

Table 7: Monitoring of emissions to land

Discharge point	Parameter	Units	Averaging period	Frequency
Final effluent discharge point from WWTP	pH[1]	None specified	Spot sample	January April June July September October
	Biochemical Oxygen Demand	mg/L		
	Total Dissolved Solids			
	Nitrate as N			
	Nitrite as N			
	Ammonia as N			
	Total Nitrogen as N			
	Total Phosphorus as P			
	Total Aluminium			
	Escherichia coli	cfu/100 mL		
Final RO brine discharge point from RO plant	Total dissolved solids (TDS)	mg/L	Spot sample	January April July October

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

Monitoring of inputs and outputs

20. The licence holder shall undertake the monitoring in Table 8 according to the specifications in that table.

Table 8: Monitoring of inputs and outputs

Input/output	Monitoring point reference and location	Parameter	Units	Averaging period	Frequency
Inflow – main sewer inlet	Inflow meter	Volumetric flow rate (cumulative)	m^3/day	Monthly	Continuous
Discharge – treated wastewater and brine water to swales	Outflow meter	Volumetric flow rate (cumulative)	m^3/day	Monthly	Continuous
Discharge – treated wastewater to irrigation Areas	Outflow meter	Volumetric flow rate (cumulative)	m^3/day	Monthly	Continuous

Ambient environmental quality monitoring

21. The Licence holder shall undertake the monitoring in Table 9 according to the specifications in that table.

Table 9: Monitoring of ambient groundwater quality at the WWTP

Monitoring point reference and description	Parameter	Units	Averaging period	Frequency
Groundwater monitoring bore locations: WWTP1 WWTP2 WWTP3 WWTP4 WWTP5 WWTP6 WWTP7 WWTP8	pH[1]	N/A	Spot sample	January April July October
	Standing water level[1]	mBGL		
	Total Dissolved Solids	mg/L		
	Nitrate as N			
	Nitrite as N			
	Total Nitrogen as N			
	Total Phosphorus as P			
	Total Aluminium			

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

22. The Licence Holder shall undertake the monitoring in Table 10 according to the specifications in that table.

Table 10: Monitoring of ambient groundwater quality at the Monkey Mia Resort

Monitoring point reference and description	Parameter	Averaging period	Frequency
Monitoring bores at Monkey Mia Resort: MB1, MB2,MB2-1, MB2-3, MB3, MB4, MB6, MB7, MB8, T1, T2, T3, RM1, RM2, RM3	Enterococci	Spot sample	January April July October
	Escherichia coli		

23. The licence holder shall undertake a repeat sample as soon as practicable of any monitoring bore specified in Table 10 where a sample collected under condition 22 exceeds either 10 MPN/ 100ml for enterococci or 10 cfu/ 100 ml for *Escherichia coli.*

24. The licence holder shall undertake the following contingency measures when a repeat sample collected under condition 22 is found to exceed either 10 MPN/ 100 ml for enterococci or 10 cfu/ 100 ml for *Escherichia coli*.

(a) Immediately investigate to find and repair the source of any leak;

(b) Undertake weekly groundwater sampling from the bore(s) that exceed, either 10 MPN/ 100ml for enterococci or 10 cfu/ 100 ml for *Escherichia coli*, and one bore either side of the affected bore(s); and

(c) Undertake the monitoring specified in Table 11 according to the specifications in that table.

Table 11: Monitoring of ambient sea water quality

Monitoring point reference and description	Parameter	Units	Averaging period	Frequency
Sea water monitoring locations SW1 SW2 SW3 SW4	Enterococci	MPN/100mL	Spot sample	Weekly
	Escherichia coli	cfu/100mL		

25. The licence holder shall continue the weekly sampling outlined in conditions 4(b) and 4(c) until two consecutive samples of the affected groundwater bore(s) fall below 10 MPN/ 100 ml for enterococci or 10 cfu/ 100 ml for *Escherichia coli*.

Records and reporting

26. 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:

(a) the name and contact details of the complainant, (if provided);

(b) the time and date of the complaint;

(c) the complete details of the complaint and any other concerns or other issues raised;

(d) wind direction, wind speed and temperature at time of the alleged incident;

(e) likely source of the incident; and

(f) the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.

27. 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 no later than 30 June in each year.

28. The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:

(a) the calculation of fees payable in respect of this licence;

(b) the works conducted in accordance with condition 1 and 2 of this licence;

(c) any maintenance of infrastructure that is performed in the course of complying with condition 6 of this licence;

(d) monitoring programmes undertaken in accordance with conditions 19, 20, 21, 22 and 24 of this licence; and

(e) complaints received under condition 26 of this licence.

29. The books specified under condition 28 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.

30. The licence holder shall submit to the CEO an Annual Environmental Report within 91 calendar days (i.e. by 30 June) after the end of the annual period. The report shall contain the information listed in Table 12 in the format or form specified in that table.

Table 12: Annual Environmental Report

Condition or table (if relevant)	Parameter	Form or format
-	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	None specified
-	A list of any monitoring methods used to collect and analyse the data required	
-	Summary of any changes to site boundaries, surface drainage channels and on-site or off-site impacts or pollution	
-	Summary of any issues raised by DWER (including inspections) during the reporting period	
-	Record of all sludge removal from ponds	
Condition 6 Table 2	Summary of any freeboard limit exceedances and any action taken	
	Summary of any overtopping events and action taken	
	Summary of corrective actions and notifications	
Condition 15 Table 6	Contaminant loading (kg/day) to swale of parameters monitored in Table 6 (all except pH and *Escherichia coli*)	
Condition 19 Table 7	Monitoring of any emissions to land	
Condition 20 Table 8	Monitoring of inputs and outputs	
Condition 21 Table 9	Monitoring results of ambient groundwater quality at WWTP	
Condition 22 Table 10	Monitoring results of ambient groundwater quality at Monkey Mia Resort	
Condition 26	Complaints summary	

31. The licence holder shall ensure that the Annual Environmental Report also contains:

(a) any relevant process, production or operational data; and

(b) an assessment of the information contained within the report against previous monitoring results and licence limits.

32. The licence holder shall submit the information in Table 13 to the CEO according to the specifications in that table.

Table 13: Non-annual reporting requirements

Condition or table (if relevant)	Parameter	Reporting period	Reporting date (after the end of the reporting period)	Format or form
-	Copies of original monitoring reports submitted to the licence holder by third parties	Not applicable	Within 14 days of the CEOs request	As received by the licence holder from third parties

Notification

33. The licence holder shall ensure that the parameters listed in Table 14 are notified to the CEO at the Contact Address and in accordance with the notification requirements of the table.

Table 14: Notification requirements

Condition or table (if relevant)	Parameter	Notification requirement[1]	Format or form
-	Taking process equipment offline for maintenance works that may result in increased odour emissions	No less than 72 hours in advance of works.	None specified
-	Removal of sewage sludge from a treatment pond, wastewater treatment vessel, sewage sludge storage pond or Geobag/s.	No less than 14 days in advance of works[2].	
23	Repeat sample	Notification of the taking of a repeat sample is to occur as soon as practicable as but no later than 5pm of the next working day. Notification of the results of a repeat sample is to occur as soon as practicable after the licence holder receipt of results from the laboratory, but no later than 5pm of the next working day.	None specified
18	Calibration report	As soon as practicable	

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

Note 2: The following information shall be included: (i) when desludging is proposed to occur, (ii) the desludging method, (iii) action to mitigate potential odour impact.

Definitions

In this licence, the terms in Table 15 have the meanings defined.

Table 15: 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 may be available on the Department's website).
annual period	a 12 month period commencing from 1 April until 31 March of the immediately following year.
AS/NZS 2031	means the Australian Standard AS/NZS 2031 *Selection of containers and preservation of water samples for microbiological analysis*
AS/NZS 5667.1	means the Australian Standard AS/NZS 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 AS/NZS 5667.9 *Water Quality – Sampling – Guidance on sampling from marine waters*
AS/NZS 5667.10	means the Australian Standard AS/NZS 5667.10 *Water Quality – Sampling – Guidance on sampling of waste waters*
averaging period	means the time over which a limit is measured or a monitoring result is obtained
AS/NZS 5667.11	means the Australian Standard AS/NZS 5667.11 *Water Quality – Sampling – Guidance on sampling of groundwaters*
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 *Environmental Protection Act 1986* Locked Bag 10 Joondalup DC WA 6919 or: info@dwer.wa.gov.au
Department	means the department established under section 35 of the *Public Sector Management Act 1994* (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
cfu/100mL	means colony forming units per 100 millilitres

Term	Definition
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	*Environmental Protection Act 1986* (WA)
EP Regulations	*Environmental Protection Regulations 1987* (WA)
freeboard	means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point
leachate	means liquid released by or water that has percolated through waste and which contains some of its constituents
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.
MPN/100mL	means most probable number per 100 millilitres
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	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.
process equipment	means any wastewater or sludge containment infrastructure or wastewater treatment vessel
reverse-osmosis process	means the treatment of groundwater via reverse osmosis process as undertaken within the wastewater treatment plant premises boundary
spot sample	means a discrete sample representative at the time and place at which the sample is taken
wastewater treatment vessels	means any vessel or tank containment infrastructure associated with the treatment of wastewater
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. Error! Reference source not found.

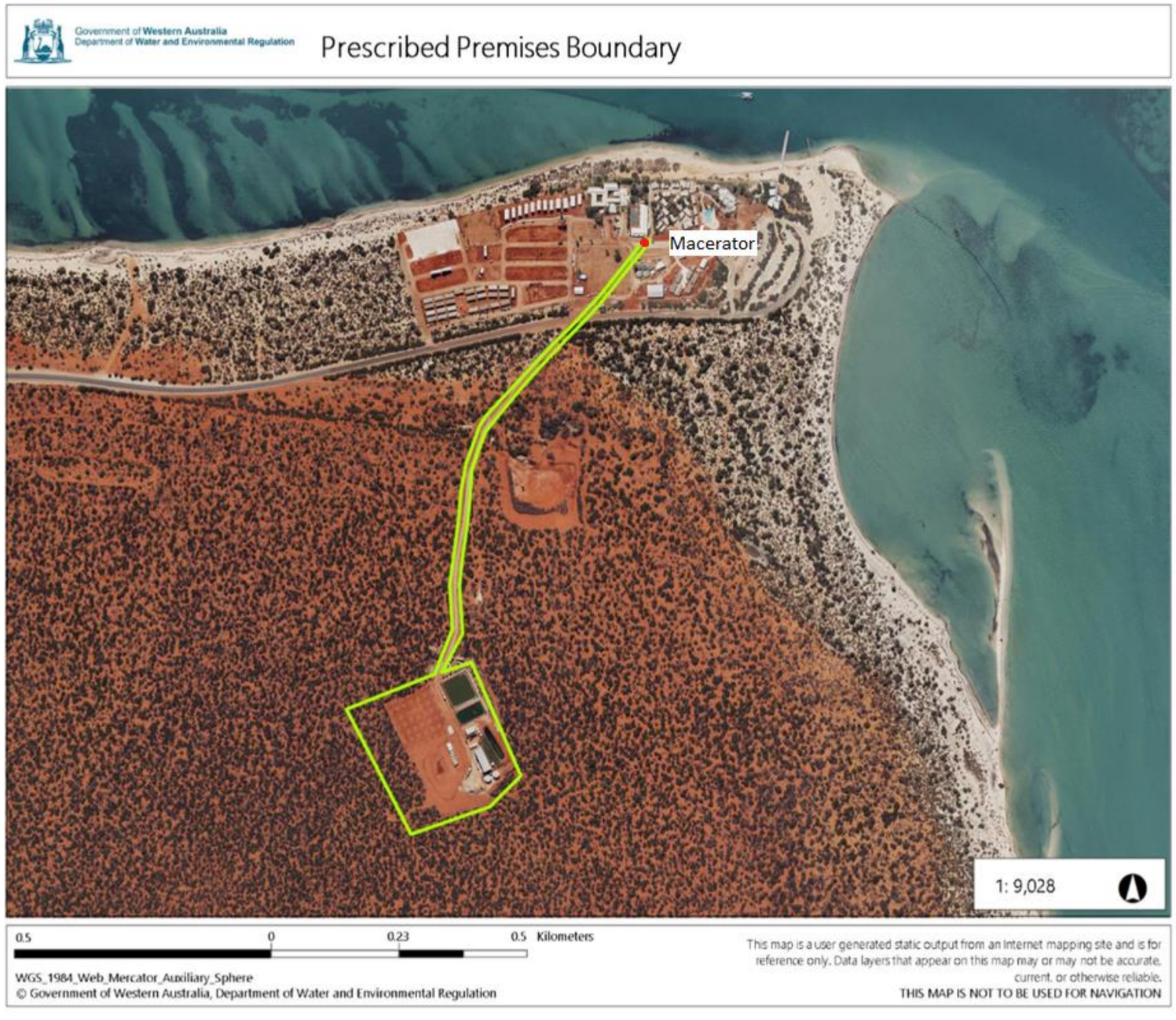

Figure 1: Map of the boundary of the prescribed premises

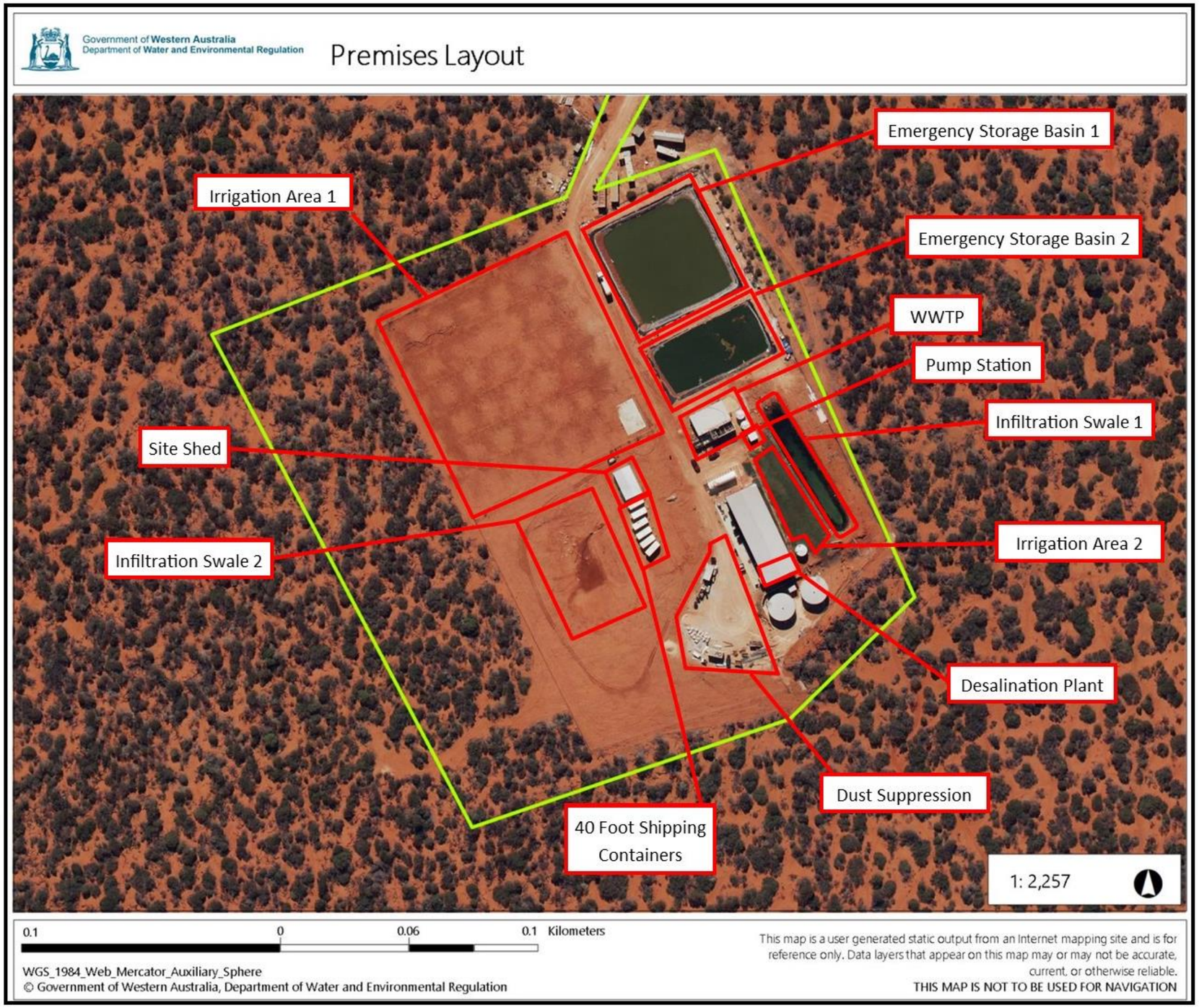

Figure 2: Layout of the prescribed premises

Figure 3: Groundwater monitoring bore locations

Figure 4: Sea water sampling points