



Licence number	L9129/2018/2
Licence holder	Compass Group (Australia) Pty Ltd
ACN (if applicable)	000 683 125
Registered business address	35-51 Mitchell Street McMahons Point NSW 2016
DWER file number	DER2018/000554-1~1
Duration	28/5/2023 to 27/5/2043
Date of issue	26/05/2023
Premises details	Port Haven Village Wastewater Treatment System 2444 Great Northern Highway Port Hedland WA 6721 Legal description - Part of Lot 9008 on Deposited Plan 404824 Certificate of Title Volume 2874 Folio 673 As defined by the coordinates in Schedule 2.

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	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.	560m ³ per day

This licence is granted to the licence holder, subject to the attached conditions, on 26 May 2023, by:

Neville Welsh
SENIOR INDUSTRY REGULATION OFFICER
INDUSTRY REGULATORY
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Licence history

Date	Reference number	Summary of changes
28/05/2018	L9129/2018/1	New licence issued – replacement for ceased Licence L8392/2009/2
26/05/2023	L9129/2018/2	Licence renewal with administrative changes only

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:

General

1. The licence holder must only accept onto the premises waste of a waste type, which does not exceed the corresponding rate at which waste is received, and which meets the corresponding acceptance specification set out in Table 1.

Table 1: Types of waste authorised to be accepted onto the premises

Waste type	Rate at which waste is received	Acceptance specification
Sewage	560m ³ per day	Accepted through sewer inflow(s) only.

Emissions and discharges

2. The licence holder must ensure that the emissions specified in **Error! Reference source not found.** are discharged only from the corresponding discharge point and only at the corresponding discharge point location.

Table 2: Authorised discharge points

Emission	Discharge point	Discharge point location
Treated wastewater from wastewater treatment plant	Treated wastewater irrigation spray-field	As shown in Schedule 1, Figure 2 - map of authorised discharge points.
	Irrigated landscaping at Port Haven Village	As shown in Schedule 1, Figure 2 - map of authorised discharge points.

Monitoring

Treated wastewater discharge monitoring

3. The licence holder must monitor emissions in accordance with the requirements specified in Table 3 and record the results of all such monitoring.

Table 3: Emissions and discharge monitoring

Discharge point/s	Monitoring location	Parameter	Frequency	Averaging period	Unit	Method (sampling)
Treated wastewater irrigation spray-field and pipeline to reuse scheme	Treated wastewater outlet at wastewater treatment plant	Volumetric flow rate (cumulative)	Monthly	Continuous	m ³ /day	N/A
		pH ¹	Quarterly	Spot sample	N/A	AS/NZS 5667.1; AS/NZS 5667.10; and, AS/NZS 2031.
		Total suspended solids			mg/L	
		Biological Oxygen Demand			mg/L	
		Total Nitrogen			mg/L	

Discharge point/s	Monitoring location	Parameter	Frequency	Averaging period	Unit	Method (sampling)
		Total Phosphorus			mg/L	
		Residual Chlorine			mg/L	
		E.coli			Cfu/100ml	

Note 1: For pH, in-field non-NATA accredited analysis is permitted.

4. The licence holder must ensure that all non-continuous sampling and analysis undertaken pursuant to condition 3 is undertaken by a holder of a current accreditation from the National Association of Testing Authorities (NATA) for the methods of sampling and analysis relevant to the corresponding relevant parameter.

Ambient groundwater monitoring

5. The licence holder must conduct a groundwater monitoring programme in accordance with the requirements specified in Schedule 3 and record the results of all monitoring activity conducted under that programme.
6. The licence holder must adhere to the field quality assurance and quality control procedures specified in Schedule 3 for the monitoring required by condition 5.
7. All sample analysis must be undertaken by laboratories with current accreditation from the National Association of Testing Authorities (NATA) for the relevant parameters, unless otherwise specified in Schedule 3.

Records and reporting

8. 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; and
 - (d) the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.
9. 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) monitoring programmes undertaken in accordance with conditions 3 to 7 and Schedule 3 of this licence; and
 - (c) complaints received under condition 8 of this licence.
10. The books specified under condition 9 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.
- 11.** 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 by 31 January 2023 an Annual Audit Compliance Report in the approved form.
- 12.** The licence holder must submit to the CEO by 28 February every two years, a Biennial Environmental Report for the two preceding annual periods, for the conditions listed in Table 4, and which provides information in accordance with the corresponding requirement(s) set out in Table 4.

Table 4: Biennial Environmental Report

Conditions	Requirement
Conditions 3 and 4	<ul style="list-style-type: none"> (a) monthly cumulative volumes (in m³ or kL) of treated wastewater applied to each irrigation area, presented in table format; (b) treated wastewater monitoring data in tabulated form including the sampling date; (c) tabulated quarterly and annual loadings of total suspended solids, nitrogen, phosphorus and BOD applied to each irrigation area, including an explanation of the basis for determining the loading rates; (d) an assessment and interpretation of the data; and (e) copies of laboratory sample analysis reports.
Conditions 5, 6 and 7	<ul style="list-style-type: none"> (a) description of the field methodologies employed; (b) a summary of the field and laboratory quality assurance / quality control (QA/QC) program; (c) copies of the field monitoring records and field QA/QC documentation; (d) a tabulated summary of results, as well as all raw data provided in an accompanying Microsoft Excel spreadsheet digital document/file (or a compatible equivalent digital document/file), with all results being clearly referenced to laboratory certificates of analysis; (e) copies of laboratory sample analysis reports; (f) a diagram with aerial image overlay showing all monitoring locations and depicting groundwater level contours, flow direction and hydraulic gradient (relevant site features including discharge points and other potential sources of contamination must also be shown); (g) an interpretive summary and assessment of the results against relevant assessment levels for water, as published in the Guideline Assessment and management of contaminated sites; (h) an interpretive summary and assessment of results against previous monitoring results, including comparison to historical trends; and (i) trend graphs to provide a graphical representation of historical results and to support the interpretive summary.

Definitions

In this licence, the terms in Table 5 have the meanings defined.

Table 5: 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 within the same year.
AS/NZS 5667.1	means the Australian Standard AS/NZS 5667.1 Water Quality – Sampling – Guidance on the design of sampling programs, sampling techniques and the preservation and handling of samples.
AS/NZS 5667.10	means the Australian Standard AS/NZS 5667.10 Water Quality – Sampling – Guidance on sampling of waste waters.
AS/NZS 5667.11	means the Australian Standard AS/NZS 5667.11 Water Quality – Sampling – Guidance on sampling of groundwaters.
AS 2031	Means the Australian Standard AS 2031 - Water quality - Sampling for microbiological analysis
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	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
EP Act	<i>Environmental Protection Act 1986</i> (WA)
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA)
Guideline: Assessment and management of contaminated sites	means the document titled Assessment and management of contaminated sites, Contaminated sites guidelines (Department of Water and Environmental Regulation).

Term	Definition
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 National Association of Testing Authorities.
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 in Schedule 1 to this licence.
WWTP	Means waste water treatment plant

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown by the yellow polygon in the map below (Figure 1).

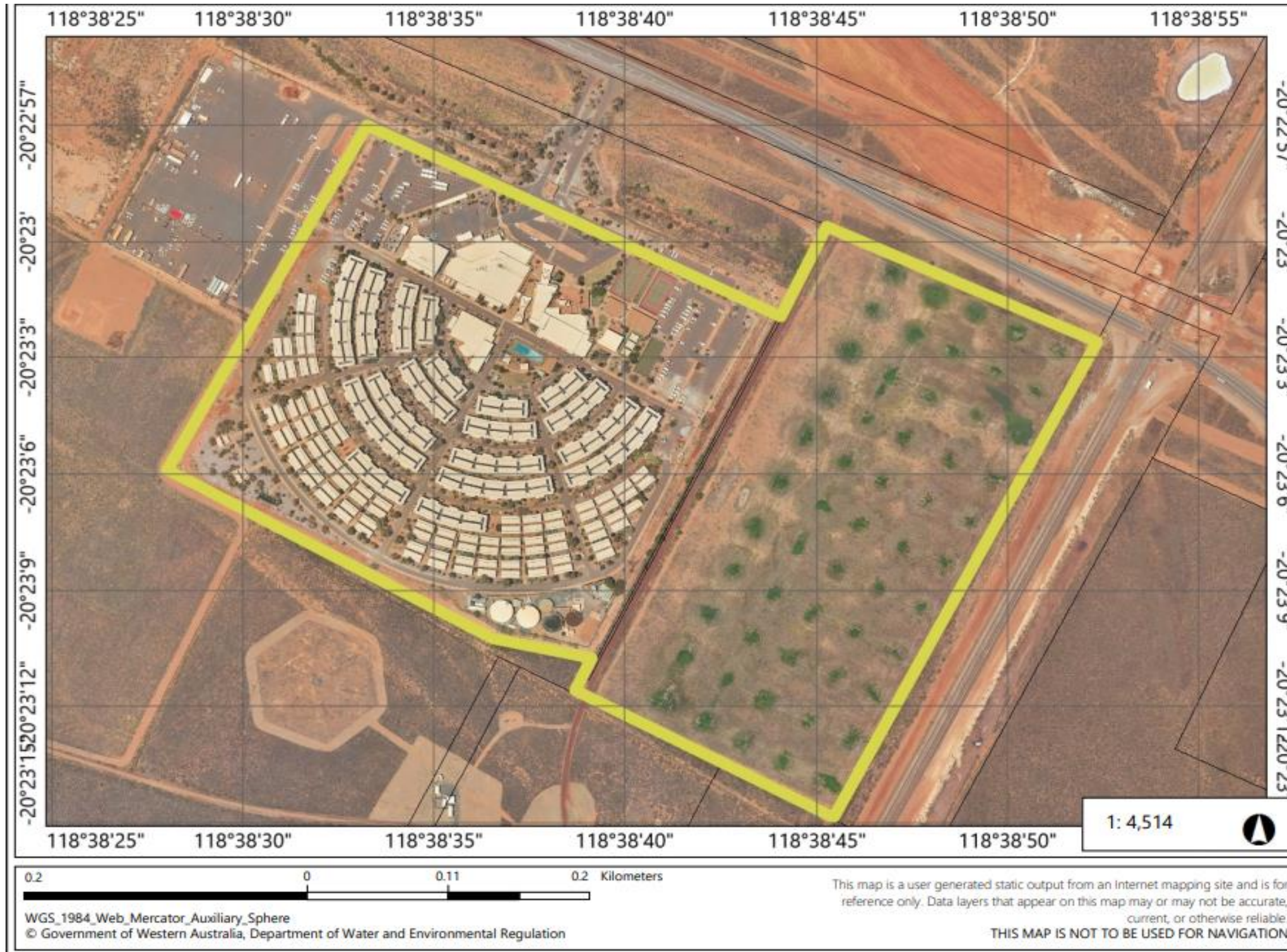


Figure 1: Map of the boundary of the prescribed premises

Map of authorised discharge points

The authorised treated wastewater discharge points (areas) are shown by the green polygon in the map below (Figure 2).

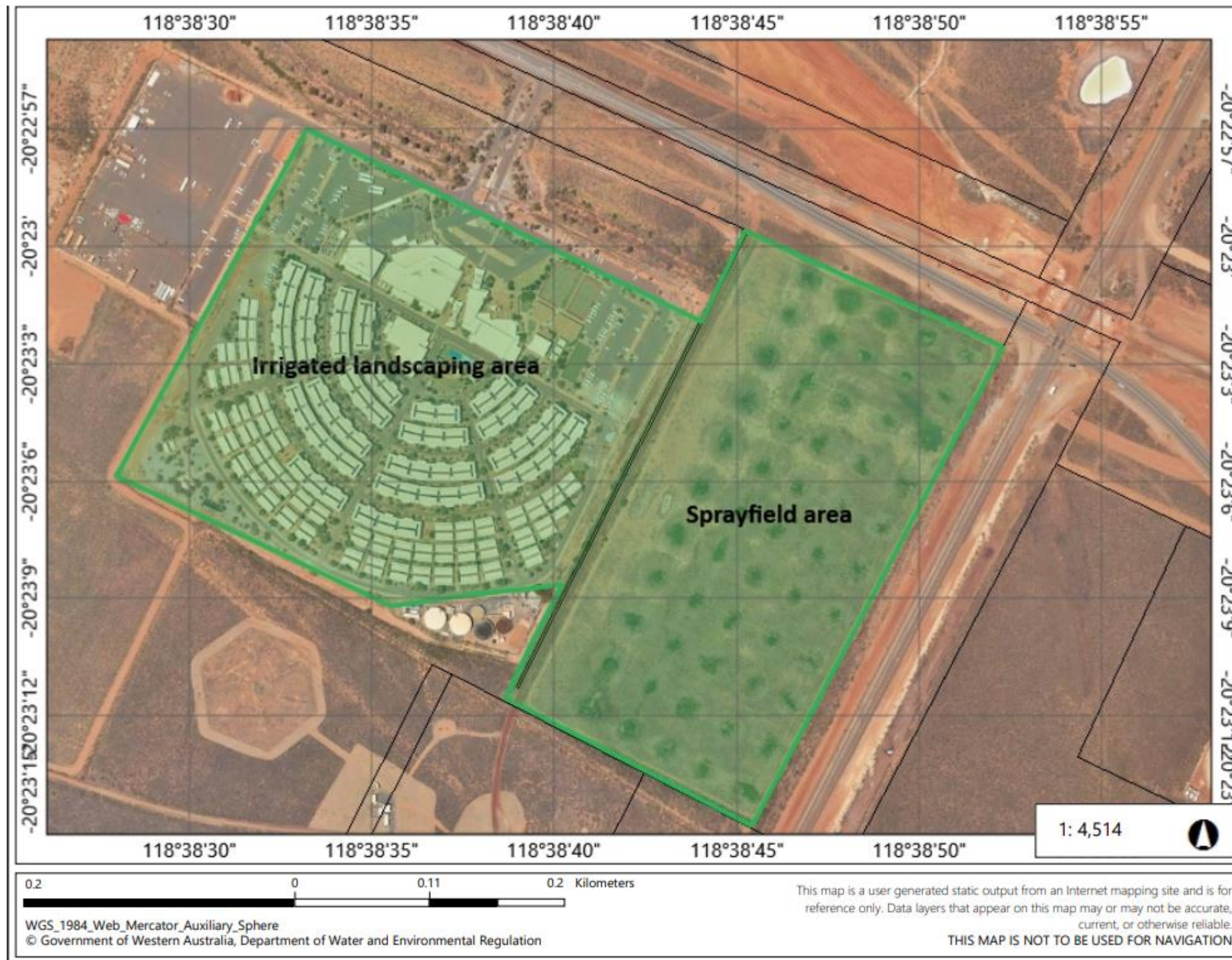


Figure 2: Map of authorised discharge points

Groundwater monitoring bore locations

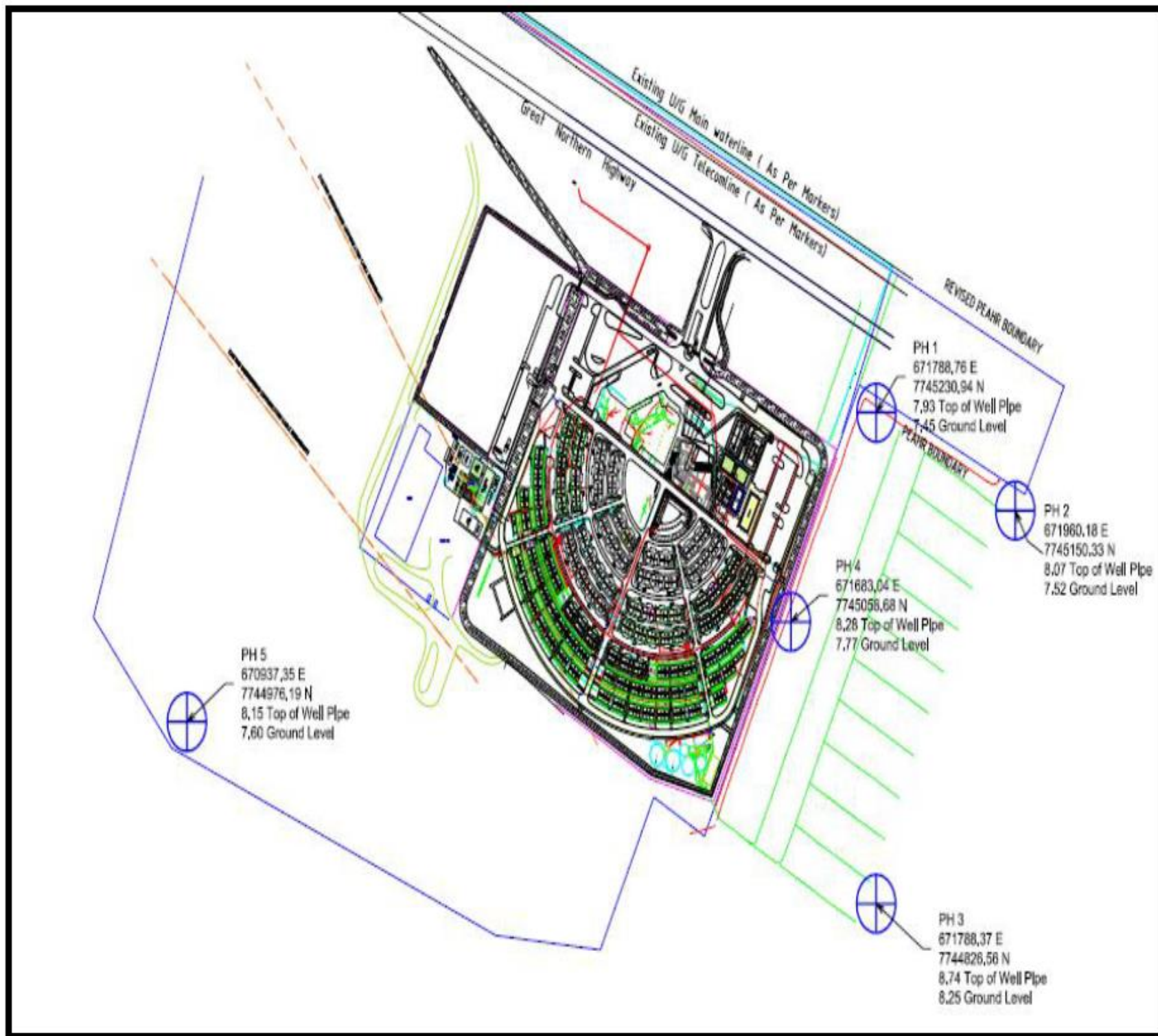


Figure 3: Map of groundwater monitoring bore locations

Schedule 2: Premises boundary

The corners of the premises boundary are the coordinates listed in Table 6.

Table 6: Premises boundary coordinates (latitude/longitude, GDA 2020 Zone 50)

	Latitude	Longitude
1.	20.38250° S	118.64257° E
2.	20.38496° S	118.64112° E
3.	20.38617° S	118.64347° E
4.	20.38632° S	118.64419° E
5.	20.38656° S	118.64408° E
6.	20.38745° S	118.64594° E
7.	20.38405° S	118.64785° E
8.	20.38322° S	118.64589° E
9.	20.38386° S	118.64555° E

Schedule 3: Monitoring

Groundwater monitoring

1. The licence holder must monitor groundwater in accordance with Table 7.

Table 7: Ambient groundwater monitoring

Monitoring well location	Parameter	Unit	Frequency	Method
PH1 (671788.76E, 7745230.94N)	Standing water level	metres below ground level (mbgl)	February and August of each year	Spot sample, in accordance with AS/NZS 5667.1 & AS/NZS 5667.11.
PH2 (671960.18E, 7745150.33N)	pH ¹	pH units		
PH3 (671788.37E, 7744826.56N)	Total dissolved solids			
	Total nitrogen			
	Total phosphorus			
PH4 (671683.04E, 7745058.68N)	Total oil and grease			
PH5 (670937.35E, 7744976.19N)				

Note 1: For pH, in-field non-NATA accredited analysis is permitted.

Quality assurance and quality control requirements

2. The licence holder must adhere to the following field quality assurance and quality control procedures, as specified in Schedule B2 of the Assessment of Site Contamination NEPM, and must include as a minimum:
 - (a) decontamination procedures for the cleaning of tools and sampling equipment before sampling and between samples;
 - (b) field instrument calibration for instruments used on site;
 - (c) blind replicate samples and rinsate blanks must be collected in the field and sent to the primary laboratory to determine the precision of the field sampling and laboratory analytical program;
 - (d) completed field monitoring sheets / sampling logs for each sample collected, showing:
 - (i) time of collection;
 - (ii) location of collection;
 - (iii) initials of sampler;
 - (iv) sampling method;
 - (v) field analysis results;
 - (vi) duplicate type / location (if relevant); and
 - (vii) site observations and weather conditions, and

- (e) chain-of-custody documentation must be completed which details the following information:
 - (i) site identification;
 - (ii) the sampler;
 - (iii) nature of the sample;
 - (iv) collection time and date;
 - (v) analyses to be performed;
 - (vi) sample preservation method;
 - (vii) departure time from site;
 - (viii) dispatch courier(s); and
 - (ix) arrival time at the laboratory.