



Licence number	L8563/2011/2
Licence holder	Water Corporation
ABN	28 033 434 917
Registered business address	629 Newcastle Street Leederville WA 6007
DWER file number	2011/004639
Duration	25/08/2024 to 24/08/2044
Date of issue	22/08/2024
Premises details	Hopetoun Wastewater Treatment Plant Steeredale Road HOPETOUN WA 6348 Legal description - Lot 10 on Deposited Plan 58973 Volume 2699 and Folio 863 As defined by the Premises map

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / design capacity
Category 54: Sewage facility	220 cubic metres per day

This licence is granted to the licence holder, subject to the attached conditions, on 22 August 2024, by:

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

Licence history

Date	Reference number	Summary of changes
25/08/2011	L8563/2011/1	New Licence Issued with 5 year term
29/04/2016	L8563/2011/1	Notice of Amendment to extend licence to expire on 24 August 2019
29/10/2018	L8563/2011/1	Amendment to Condition 4 (Monitoring program) plus plan of monitoring locations and Condition 7 & 8 amending the monitoring frequency and monitoring locations plus reporting and investigation of unauthorised discharges.
07/06/2019	L8563/2011/1	Amendment to extend expiry date to 24 August 2024
22/08/2024	L8563/2011/2	Licence renewed with a twenty-year duration.

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:

Emissions and discharges

Maintenance of wastewater treatment ponds

1. The licence holder must manage the wastewater treatment ponds in a manner such that:
 - (a) stormwater runoff resulting from site drainage shall be prevented from entering the wastewater treatment ponds with the exception of the minimum necessary volume of stormwater stored within the evaporation ponds for the purpose of maintaining the pond walls and floor integrity;
 - (b) stormwater runoff resulting from site drainage shall be prevented from causing the erosion of outer pond embankments;
 - (c) overtopping of the wastewater treatment ponds does not occur;
 - (d) vegetation and floating debris (emergent or otherwise) are prevented from encroaching onto pond surfaces or inner pond embankments; and
 - (e) trapped overflows shall be maintained between treatment ponds to prevent carry-over of surface floating matter to subsequent ponds.

Solid waste

2. The licence holder must:
 - (a) advise the CEO in writing no less than 72 hours prior to taking a treatment pond within the premises offline for maintenance works;
 - (b) advise the CEO in writing no less than 14 days prior to the removal of sewerage or sludge from a treatment pond; and
 - (c) where sludge is temporarily stored on-site, direct sludge to a low permeability hard stand area which:
 - i. is adequately bunded to prevent surface run-off of leachate or sludge; and
 - ii. is designed to return all sludge leachate from the storage area back to the treatment ponds.

Monitoring

3. The licence holder must conduct a monitoring program which addresses the requirements stated in Table 1.

Table 1: Sampling and monitoring program

Monitoring locations	Frequency	Parameter	Method
Column 1	Column 2	Column 3	Column 4
Groundwater Monitoring Bores: MW10 MW11 MW13 01/16 (As shown in Figure 1)	Quarterly: 1 January to 31 March 1 April to 30 June 1 July to 30 September 1 October to 31 December	Total Nitrogen mg/L; Ammonium mg/L; Nitrate + Nitrite mg/L; Total Phosphorus mg/L; Total Dissolved Solids mg/L; Electrical Conductivity; pH; and Standing Water Level mAHD.	AS/NZ 5667.1 Standard Methods for Examination of Water and Wastewater – APHA-AWWA-WEF
Sampling Point 1: outlet of the WWTP- from storage dam to evaporation pond. (As shown in Figure 1)	Quarterly: 1 January to 31 March 1 April to 30 June 1 July to 30 September 1 October to 31 December	Total Nitrogen mg/L; Total Phosphorus mg/L; Ammonium mg/L; Nitrate + Nitrite (mg/L); Total Dissolved Solids mg/L Electrical conductivity; Biochemical Oxygen Demand (5-day filtered) (mg/L); pH; and <i>E. Coli</i> (coliform-forming units/100mL)	AS/NZ 5667.1 Standard Methods for Examination of Water and Wastewater – APHA-AWWA-WEF
Veal Street magflow meter: inflow to the WWTP (As shown in figures 2 & 3)	Continuous (monthly average) when flowing	Inflow quantity (kL)	Flow Meter

4. The licence holder must ensure all samples are analysed in a laboratory holding NATA accreditation for the analytes specified in condition 3.

Monitoring Devices

5. The licence holder must maintain devices for measuring monthly cumulative volumes of wastewater through the wastewater treatment plant as per licence condition 3. The monthly flow results shall be presented in the biennial environmental report in a tabular form.

Records and reporting

Discharge Reporting

6. The licence holder must advise the CEO in writing within 72 hours of becoming aware of any discharge of treated wastewater to the environment.
7. The licence holder must ensure the written advice required by condition 6 includes, but not be limited to:
 - (a) the date, time and probable reason for the discharge;
 - (b) an estimate of the period over which the treated wastewater was or is likely to be discharged; and
 - (c) an estimate of the extent and the volume of the discharge over that period and indication of known or potential environmental impacts.
8. The licence holder must undertake an investigation into any discharge reported under condition 6 within 24 hours of becoming aware of the discharge.
9. The licence holder must provide a report on the investigation required by condition 8 within seven working days of the discharge, the report shall include, but not be limited to:
 - (a) the date, time and reason for the discharge;
 - (b) the period over which the discharge occurred;
 - (c) the extent and the volume of the discharge and potential or known environmental impacts;
 - (d) corrective action taken or planned to mitigate adverse environmental impact; and
 - (e) corrective action taken or planned to prevent a recurrence of the discharge, including a timeline for implementation.

Records

10. 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:
 - (g) the name and contact details of the complainant, (if provided);
 - (h) the time and date of the complaint;
 - (i) the complete details of the complaint and any other concerns or other issues raised; and
 - (j) the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.

11. The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:
- (a) monitoring programme undertaken in accordance with condition 3 of this licence; and
 - (b) complaints received under condition 6 of this licence.
12. The books specified under condition 7 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.

Reporting

13. 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 **1 October** each year.
14. The licence holder must:
- (a) prepare an Environmental Report that provides information in accordance with Table 2 for the preceding two annual periods, and
 - (b) submit that Environmental Report to the CEO by **1 October 2024** and biennially thereafter.

Table 2: Environmental reporting requirements

Condition	Requirement
3	Groundwater monitoring bore and sampling point 1 sample results
5	Monthly flow results

Definitions

In this licence, the terms in Table 3 have the meanings defined.

Table 3: 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 July until 30 June of the immediately following year.
AS/NZ 5667.1	means the most recent version and the relevant parts of the Australian and New Zealand series of guidance standards on Water Quality Sampling.
APHA-AWWA-WEF	means American Public Health; American Water Works Association; Water Environment Federation.
biennially	means every two years.
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.
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 Australian 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 (Figure 1) in Schedule 1 to this licence.
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, sampling point 1 and the groundwater monitoring bores are shown in the map below (Figure 1).

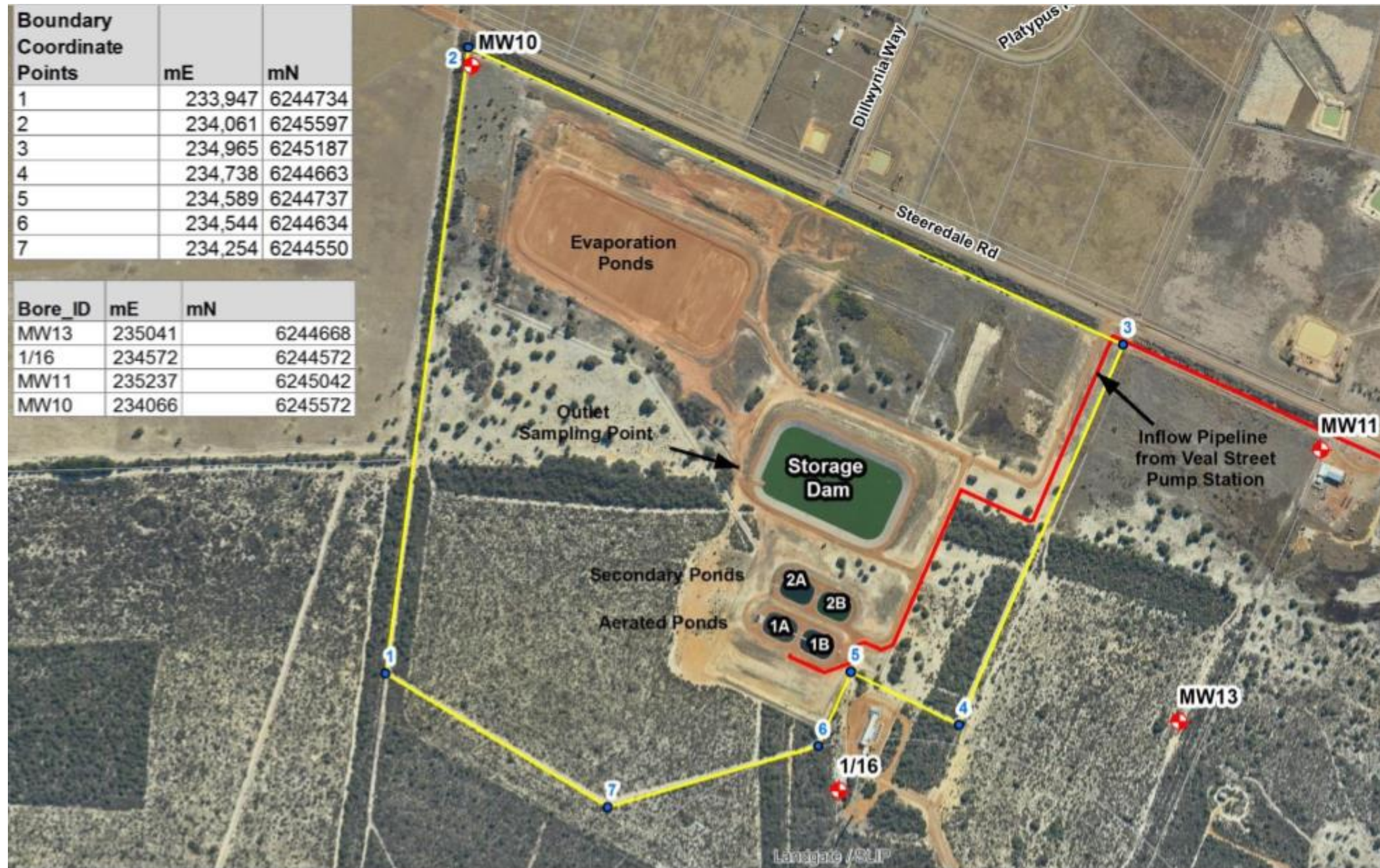


Figure 1: Map of the boundary of the prescribed premise, sampling point 1 and groundwater monitoring bores

The site infrastructure including the magflow meter is shown in the map below (Figure 2).

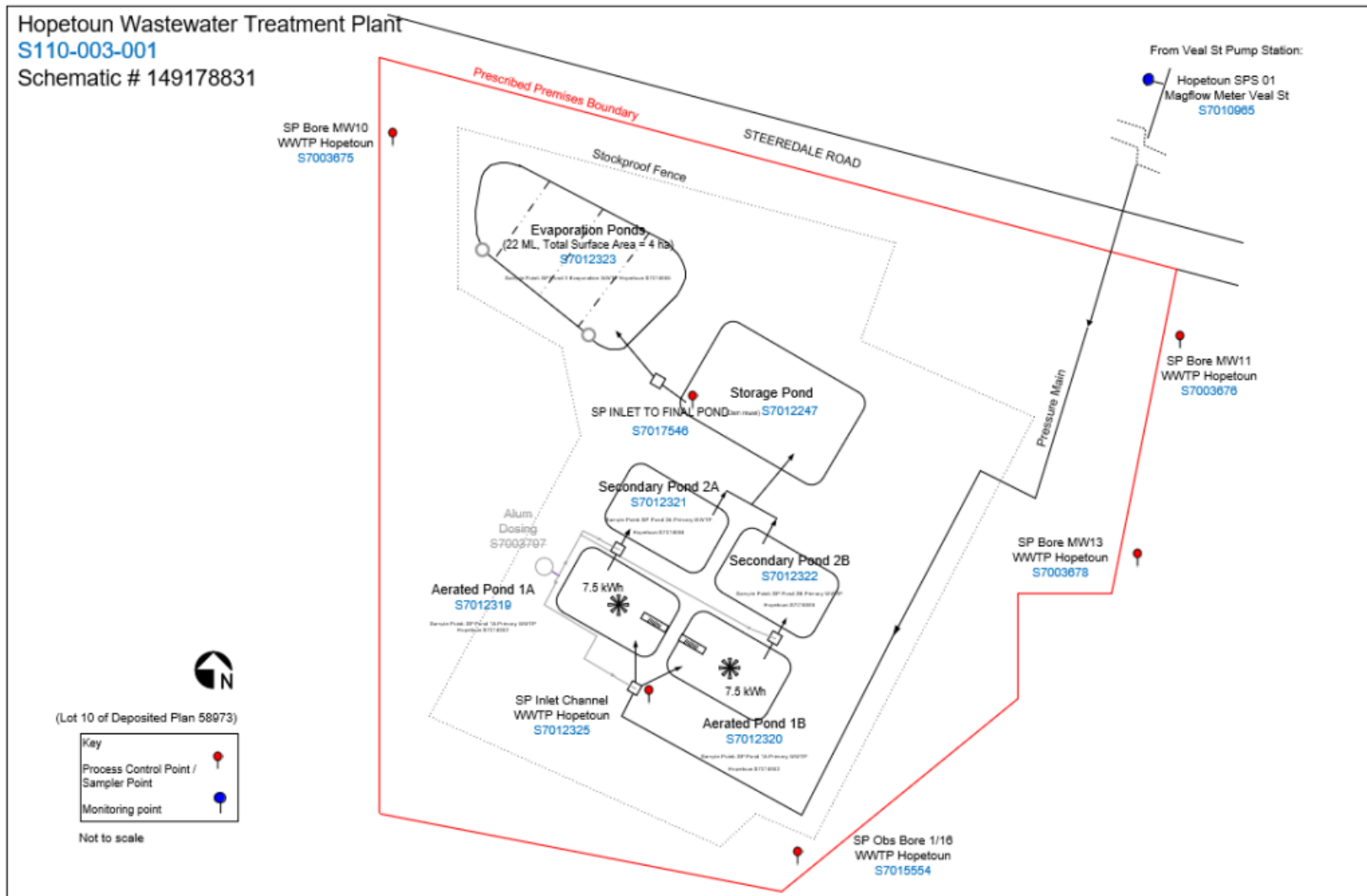


Figure 2: Map of site infrastructure and Veal Street magflow meter

The magflow meter location is shown in the map below (Figure 3).

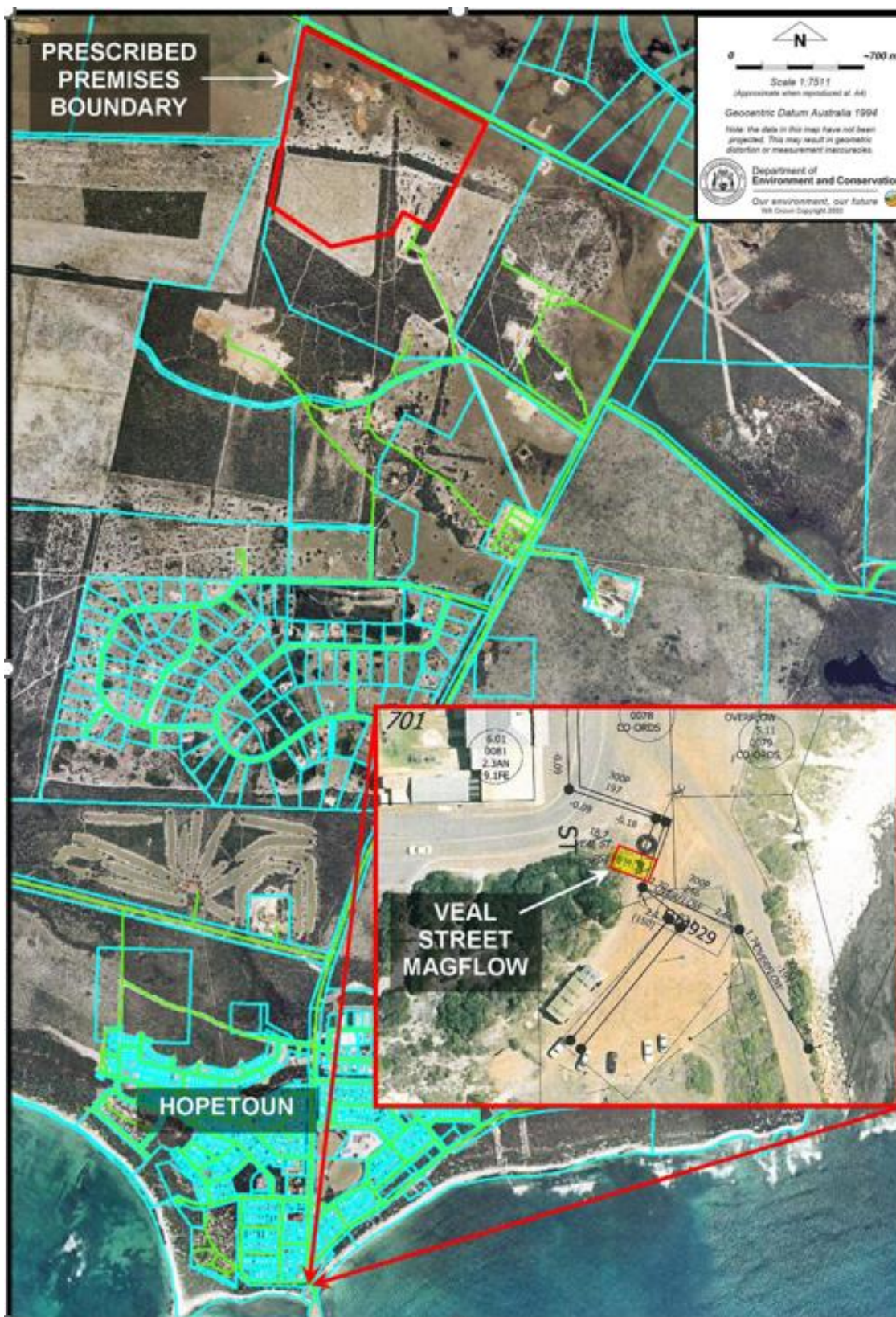


Figure 3: Veal Street magflow meter location