



# Amendment Report

<b>Licence Number</b>	L4201/1991/11
<b>Licence Holder</b>	Water Corporation
<b>File Number:</b>	DEC6295/3~2
<b>Premises</b>	Woodman Point Wastewater Treatment Plant Lot 9 Cockburn Road MUNSTER WA 6166 Being Lot 9 on Diagram 31097
<b>Date of Report</b>	01/07/2020
<b>Decision</b>	GRANTED

# 1. Definitions and interpretation

## Definitions

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

**Table 1: Definitions**

Term	Definition
Amendment Report	refers to this document
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Department Administering the Environmental Protection Act 1986 Locked Bag 10 JOONDALUP DC WA 6919 Telephone: (08) 6367 7000 Facsimile: (08) 6367 7001 Email: <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
Delegated Officer	an officer under section 20 of the EP Act
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V, Division 3 of the EP Act.
DWER	Department of Water and Environmental Regulation
EP Act	<i>Environmental Protection Act 1986 (WA)</i>
Existing Licence	The Licence issued under Part V, Division 3 of the EP Act and in force prior to the commencement of and during this Review
Licence Holder	Water Corporation
Premises	refers to the premises to which this Amendment Report applies, as specified at the front of this Amendment Report.
Revised Licence	the amended Licence issued under Part V, Division 3 of the EP Act, with changes that correspond to the assessment outlined in this Amendment Report.

## 2. Amendment

The Chief Executive Officer (CEO) of the Department of Water and Environmental Regulation (DWER) has amended licence L4201/1991/11 in accordance with section 59 of the *Environmental Protection Act 1986* (EP Act), as set out in this amendment report. The licence document (L4201/1991/11) has been updated accordingly to reflect this amendment.

This amendment has been informed by the department's Regulatory Framework which is available at <https://dwer.wa.gov.au/regulatory-documents>.

### 2.1 Amendment description

On 12 May 2020 the Licence Holder submitted an amendment application for licence L420/1991/11. This application is requesting an administrative change to the prescribed premises boundary of licence L4201/1991/11 Woodman Point WWTP.

The Licence holder is intending to lease a portion of Lot 9 Cockburn Road, Munster to Hazer Group Limited (Hazer) who intends to set up a Hydrogen Commercial Demonstration Plant (CDP) on the site. The Licence Holder will no longer occupy this portion of Lot 9 and therefore wish to amend the prescribed premises boundary to allow this proposal to go ahead. Hazer have submitted a separate works approval application to DWER on 22 April 2020 to develop the CDP on this site (W6402/2020/1).

The Hazer CDP is strategically located adjacent to the WPWWTP anaerobic sludge digesters. A pipeline will be constructed between the digesters and the CDP (assessed under Hazer's works approval) to convey biogas generated from the digestion process. The Hazer CDP will convert up to 90% of the methane component of the biogas into fuel-cell grade hydrogen and synthetic graphite. This process will significantly cut net emissions from the WPWWTP by reducing the amount of biogas which is currently flared. At times when the CDP is not operating, the management of biogas from the digesters will revert to the current standard procedure of using some for energy recovery, and flaring the balance.

The Licence Holder has confirmed that they will undertake maintenance and operation of the biogas pipeline that is located within the Premises boundary. The construction and design of the pipelines from the connection point adjacent to the biogas storage tank and Hazer's plant will be carried out by Hazer (and assessed under Hazer's work approval), and the portion of the pipeline outside of the Premises boundary will be maintained and operated by Hazer.

No amendments (other than the premises boundary change) has been made to the licence. No risk assessment on the emissions and discharges associated with the Premises has been carried out as part of this amendment. This amendment does not authorise the construction of the pipeline or associated infrastructure.

## 3. Amendment history

Table 1 provides the amendment history for L4201/1991/11.

**Table 1: Licence amendments**

Instrument	Issued	Amendment
L4201/1991/11	28/10/2010	Licence re-issue
L4201/1991/11	19/11/2015	Licence amendment
L4201/1991/11	14/04/2016	Licence amendment for works upgrade for design capacity increase.

L4201/1991/11	12/07/2016	Administrative amendment to Licence
L4201/1991/11	29/05/2017	Amendment Notice 1: Amendment to Licence condition 1.3.9
L4201/1991/11	01/11/2019	Licence amendment to consolidate amendments outlined in Amendment Notice 1 into the licence document.
L4201/1991/11	21/05/2020	DWER initiated amendment to correct a number of administrative errors made during the last amendment process.

## 4. Consultation

A summary of the consultation undertaken as part of this amendment process is outlined below in Table 2.

**Table 2: Summary of consultation**

Method	Comments received	DWER response
Applicant referred draft documents on 03/06/2020	New map provided for premises boundary. No further comments.	Map has been updated.

## 5. Summary of amendments

Table 3 provides a summary of the proposed amendments and will act as record of implemented changes. All proposed changes have been incorporated into the Revised Licence as part of the amendment process.

**Table 3: Licence amendments**

Condition No.	Proposed amendments
Format	Licensee has been changed to Licence Holder throughout document. The Introduction including preamble and Licence History is removed from the document.
Front page, Premises address	The words 'Part of' have been added to the premises address description in relation to Lot 9.
Definitions	Definitions for schedule 3 and schedule 4 have been added to the licence.
Schedule 1: Maps Premises map	A new premises map has been added outlining the change in the premises boundary with a parcel of land excluded from the premises. GPS coordinates in the GDA 1994 reference system have also been added to Schedule 1 to clearly define the section that has been excluded. The original premises map has been kept on the licence as it clearly labels the site infrastructure. This map has been renamed 'Map of Site layout'
Schedule 2: Premises boundary	A table outlining the premises boundary coordinates has been added as a schedule 2.
Schedule 3 and 4	Schedule 2 (now 3) and Schedule 3 (now 4) has had titles updated to reflect the addition of another schedule (new schedule 2).

## 6. Conclusion

The Delegated Officer has determined that a licence amendment will be granted, for licence L4201/1991/11, to allow a change to the prescribed premises boundary. This Amendment is an administrative amendment and does not require a risk assessment.

**Melissa Chamberlain**  
**A/MANAGER WASTE INDUSTRIES**  
**REGULATORY SERVICES**

*An officer delegated by the CEO under section 20 of the EP Act*

## Appendix 1: Key documents

	Document title	Availability
1.	Licence amendment application for L4201/1991/11, received on 12 May 2020.	accessed at <a href="http://www.dwer.wa.gov.au">www.dwer.wa.gov.au</a>
2.	Email correspondence received 2 June 2020, Brian Scott – Senior Advisor – Environment, Water Corporation.	DWER records (A1899000)
3.	Email correspondence received 19/06/2020, Brian Scott – Senior Advisor – Environment, Water Corporation	DWER records (A1905045)