



# Amendment Notice 1

<b>Licence Holder</b>	Water Corporation
<b>ACN</b>	28 003 434 917
<b>Licence Number</b>	L8039/1994/3
<b>File Number</b>	2010/003340
<b>Category</b>	54 – Sewage Facility
<b>Premises</b>	Geraldton North Wastewater Treatment Plant via Glenfield Beach Drive GLENFIELD WA 6532 Being Lot 21 on Plan 19887
<b>Date of amendment</b>	4 August 2017

## Amendment

The Chief Executive Officer (CEO) of the Department of Environment Regulation (DER) has amended the above Licence in accordance with section 59 of the *Environmental Protection Act 1986* as set out in this Amendment Notice. This Amendment Notice constitutes written notice of the amendment in accordance with section 59B(9) of the EP Act and follows.

Date signed: 4 August 2017

**Steve Checker**

**MANAGER LICENSING (WASTE INDUSTRIES)**

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

## Amendment Notice

This DER initiated amendment is made pursuant to section 59 of the *Environmental Protection Act 1986* (EP Act) to amend the licence issued under the EP Act for a prescribed premises as set out below. This notice of amendment is given under section 59B(9) of the EP Act.

This notice is limited only to an amendment of the following:

1. Change to the prescribed premises Licence duration expiry date.

No other changes to any other aspects of the original licence have been undertaken by DER.

One request from the proponent was received via email from Brian Scott, Water Corporation, on 19 July 2017 as follows:

1. Replacement of the process control table (PCT) within pg 15 ('Map of containment infrastructure and monitoring locations') of the current Licence, which identifies the bore numbering at the premises.

The applicant identified an error in the PCT to the actual bore numbering at the premises.

The following DER Guidance Statements have informed the decision made on this amendment:

- *Guidance Statement: Regulatory Principles* (July 2015)
- *Guidance Statement: Land Use Planning* (February 2017)
- *Guidance Statement: Decision Making* (February 2017)
- *Guidance Statement: Risk Assessment* (February 2017)
- *Guidance Statement: Licence duration* (August 2016)

## Amendment Description

The Licence L8039/1994/3 for Geraldton North Wastewater Treatment Plant will expire as at 31 October 2017.

This is an administrative amendment to extend the expiry date of the prescribed premises L8039/1994/3 for an additional 20 years, until 31 October 2037.

## Other approvals

The Licence Holder has provided the following information relating to other approvals as outlined in Table 1.

**Table 1: Relevant approvals**

Legislation	Number	Approval
Local Planning Approval	LPS No. 5 (Map No. 1 – SCA 2)	<p>The premises has been defined within the City of Greater Geraldton (CGG) Local Planning Scheme No. 5, located within the Glenfield Special Control Area 2 (SCA2) zoning.</p> <p>In addition: Following gazettal of the Water Services Act 2012 (as gazetted on 18 November 2013), Section 137 of the Water Services Act 2012, identifies that Water Corporation (in its capacity as service provider) is exempt from the requirement to obtain development approvals for Public Service Works.</p>

## Location, environmental siting and potential receptors

The North Geraldton Wastewater Treatment Plant (WWTP) is located approximately 7km north from Geraldton CBD. The site is within the locality of Glenfield, surrounded predominantly by degraded vegetation and has been developed within the coastal sand dunes.

The primary risk of emissions, proposed through the activities undertaken at the premises, include:

- odour emissions; and
- infiltration of treated wastewater via land with potential indirect impact to surface water (Indian Ocean).

DER GIS dataset desktop assessment of potential sensitive receptors to the activities of the prescribed premises operation, are shown in the tables below.

Table 2 below lists the relevant sensitive land uses in the vicinity of the prescribed premises.

**Table 2: Receptors and distance from prescribed premises**

Residential and sensitive premises	Distance from Prescribed Premises
Vacant residential zoned land	One Lot adjacent to- and another Lot approximately 255 m from the premises boundary on the north-east corner.
Residential housing and buildings	Approximately 239 m east north east, 184 m east and 236 m south east of the premises boundary.
Civic and cultural zoned premises	Approximately 261 m east of the premises boundary.
Special use zoned area (Lifestyle Village)	Approximately 175 m south of the premises boundary.

Table 3 below lists the relevant environmental receptors in the vicinity of the prescribed premises.

**Table 3: Environmental receptors and distance from prescribed premises**

Environmental receptors	Distance from Prescribed Premises
Indian Ocean	Approximately 146 m west of the prescribed premises boundary, and approximately 162 m from the infiltration ponds within the premises boundary.
Groundwater	<p>Groundwater bore (Site Id. 20003013) located approximately 226 m south east of the premises, identifies groundwater at approximately 3 mBGL, with a TDS of 2,800 mg/L and used for agricultural purposes.</p> <p>Groundwater bore (Site Id. 23043810) located approximately 932 m north of the premises boundary, identifies groundwater at approximately 4.1 mBGL with a TDS of 21,000 mg/L.</p> <p>Groundwater bore (Site Id. 14111032) located within the premises on the eastern boundary identifies groundwater at 9.5 mBGL with a TDS of 7404 mg/L.</p>

## Risk assessment

The proposed amendment is administrative and does not present a material risk to human health or the environment and therefore does not require any additional regulatory controls other than what is already stated within the active Licence.

The administrative change does not alter any of the required regulatory controls or obligations currently found within the Licence, as required by the Licence Holder to implement in the management of the premises.

No risk assessment has therefore been included within the amendment notice in relation to the proposed administrative change to the Licence.

## Decision

The Delegated Officer considers that the administrative change undertaken through this amendment process does not change any of the obligations of the Licence Holder for the ongoing management of the premises in accordance with DER regulatory controls, and as defined by the EP Act and relevant subsidiary legislation.

The front page of the Licence has also been amended to reflect a new expiry date of 31 October 2037, in accordance with DER *Guidance Statement: Licence duration (August 2016)*.

The Delegated Officer considers this approach appropriate and consistent with the regulatory controls applied across the State in defining the Licence duration, as regulated under DER guidance shown within Appendix 1 of the Amendment Notice.

Assessment of DER's Incident and Complaints Management System (ICMS) has identified one overtopping incident having occurred (20/1/2015), with no issues of complaints recorded as a result of the operation of the premises.

The Delegated Officer has determined that there are no limiting factors that would inhibit the extension of the Licence duration for the period stated as the premises has not shown any significant issues of concern as a result of its operation, and is solely owned and operated by Water Corporation.

## Amendment History

Table 6 provides the amendment history for L8039/1994/3.

**Table 6: Licence amendments**

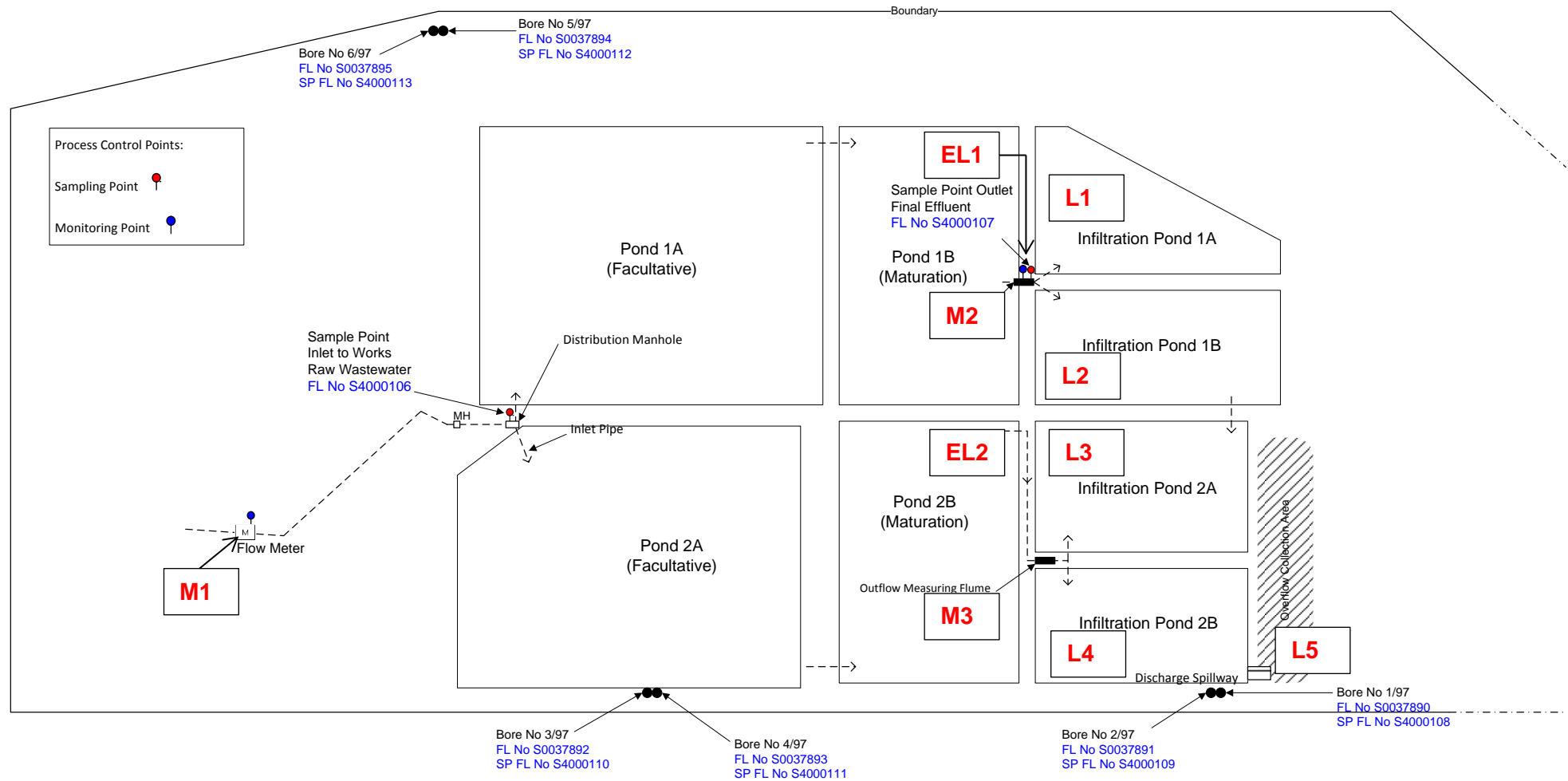
Instrument	Issued	Amendment
L8039/1994/3	03/08/2017	Amendment Notice 1 – Extension of Licence duration expiry date and update of premises Lot descriptor.

## Licence Holder's Comments

The Licence Holder was provided with the draft Amendment Notice on 3 July 2017. Comments received from the Licence Holder have been considered by the Delegated Officer as shown in Appendix 2.

## Amendment

1. The front page of the Licence, 'premises details', has been updated as shown in red text in italics and strike through below:  
  
**Expiry date:** ~~Tuesday Saturday, 31 October 2017~~ **2037**
2. Schedule 1 'Map of containment infrastructure and monitoring locations' within pg 15 of the active Licence has been replaced with the following map:



## Appendix 1: Key Documents

	Document Title	In text ref	Availability
1	DER, July 2015. <i>Guidance Statement: Regulatory principles</i> . Department of Environment Regulation, Perth.	DER2014/001365	accessed at <a href="http://www.dwer.wa.gov.au">http://www.dwer.wa.gov.au</a>
2	DER, August 2016. <i>Guidance Statement: Licence duration</i> . Department of Environment Regulation, Perth.	N/A	
3	DER, February 2017. <i>Guidance Statement: Risk Assessments</i> . Department of Environment Regulation, Perth.	N/A	
4	DER, February 2017. <i>Guidance Statement: Decision Making</i> . Department of Environment Regulation, Perth.	DER2015/001284	
5	DER, February 2017. <i>Guidance Statement: Land Use Planning</i> . Department of Environment Regulation, Perth.	DER2014/003028	
6	Comments received from applicant on draft documents.	N/A	

## Appendix 2: Summary of Licence Holder comments

The Licence Holder was provided with the draft Amendment Notice on 3 July 2017 for review and comment. The Licence Holder responded on 19 July 2017. The following comment was received on the draft Amendment Notice.

Comments received	DER consideration of risk
<p>One comment received via email from Brian Scott, Environmental Scientist, Water Corporation:</p> <p><i>“A site visit identified that the actual bore numbering on the ground did not match up with the labelling on our process control table - PCT (which is the diagram pg 15 of 22 in the current licence). The error originated from labelling on the geospatial layer, which has now been corrected.</i></p> <p><i>The PCT has now also been corrected to show the bores with the correct labels, and is attached (#17433322) with this email for inclusion in the amended licence.</i></p> <p><i>The labelling issue has had no impact on integrity of monitoring data.”</i></p>	<p>The ‘Map of containment infrastructure and monitoring locations’ within pg 15 of the active Licence has been replaced.</p> <p>The replaced map ensures accurate reporting and representation of the processes and activities being undertaken at the premises but has no impact on the operation or management activities at the premises.</p> <p>The replacement of the map is considered an administrative change as a result of a typographical error, and does not impact or change the risk considerations of the prescribed premises.</p>