



# Amendment Notice 1

<b>Licence Number</b>	L7440/1998/7
<b>Licence Holder</b>	Water Corporation
<b>File Number:</b>	DEC13161
<b>Premises</b>	Bridgetown Wastewater Treatment Plant #2 Hester Brook WA 6255  Legal description – Lot 10438 on Plan 153767
<b>Date of Amendment</b>	6 April 2018

## Amendment

The Chief Executive Officer (CEO) of the Department of Water and Environmental Regulation (DWER) has amended the above Licence in accordance with section 59 of the *Environmental Protection Act 1986* (EP Act), 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.

Date signed: 6 April 2018

**Steve Checker**  
**MANAGER LICENSING (WASTE INDUSTRIES)**  
**REGULATORY SERVICES (ENVIRONMENT)**

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA).

## Amendment Notice

This 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.

The following guidance statements have informed the decision made on this amendment:

- *Guidance Statement: Regulatory Principles* (July 2015)
- *Guidance Statement: Setting Conditions* (October 2015)
- *Guidance Statement: Land Use Planning* (February 2017)
- *Guidance Statement: Licence Duration* (August 2016)
- *Guidance Statement: Decision Making* (February 2017)
- *Guidance Statement: Risk Assessment* (February 2017)
- *Guidance Statement: Environmental Siting* (November 2016)

## Amendment description

The existing Licence depicts two monitoring bores B and E that are dry or contain insufficient groundwater to enable sampling. Two new bores 03/17 and 05/17 have been drilled within close proximity to the original bores, which contain sufficient groundwater to enable sampling for licence monitoring requirements.

The existing licence incorrectly depicts monitoring point S1 as being a Magflow meter measuring volumetric flow rates of wastewater being discharged *from* the IDEA treatment plant. The correct depiction for S1 is as being a Magflow meter measuring volumetric flow rates of wastewater being discharged *into* the IDEA treatment plant at the inlet.

On 23 February 2018 the Water Corporation (Licensee) submitted an application to amend the Licence to change the monitoring bores onsite to two newly drilled bores, and to alter the description of monitoring point S1 at the Premises.

## Amendment history

Table 2 provides the amendment history for L7440/1998/7.

**Table 1: Licence amendments**

Instrument	Issued	Amendment
L7440/1998/6	29/10/2009	Licence reissue
L7440/1998/6	12/05/2011	Licence amendment to remove reference to some groundwater bores no longer considered necessary
L7440/1998/7	23/10/2014	Licence reissue in old format
L7440/1998/7	22/1/2015	Licence amendment to new format
L7440/1998/7	6/04/2018	Amendment Notice 1 to capture newly-drilled monitoring bores and alter S1 monitoring point description

## Decision

The installation of new groundwater monitoring bores and the renaming of the S1 monitoring point reference to correctly reflect the location of volumetric flow will enhance the monitoring of environmental risk posed by activities occurring at the premises. The Delegated Officer considers that this amendment does not increase the environmental risk profile of the premises and that a detailed risk assessment is not required.

The Delegated Officer has determined that the Amendment Notice will be granted subject to conditions to manage operation of the bores and Magflow meter to ensure appropriate environmental monitoring.

## Licence Holder's comments

The Licence Holder was provided with the draft Amendment Notice on 9 March 2018. The Licence Holder advised on 29 March 2018 they have no comments regarding the Draft.

## Amendment

- Table 3.5.1 within Condition 3.5.1 is amended by deletion of the text shown in strikethrough and insertion of the red text shown in underline below:

Table 3.5.1: Monitoring of emissions to land					
Emission point reference	Monitoring point reference	Parameter	Units	Averaging Period	Frequency
S1	<del>Magflow meter from the IDEA treatment plant</del> <u>Magflow meter at inlet to the IDEA basin</u>	Volumetric flow rate (cumulative)	L/s or m <sup>3</sup> /day	Monthly	Continuous
S2		pH <sup>1</sup>		Spot Sample	Monthly
		Biochemical Oxygen Demand	mg/L	Spot Sample	Monthly
		Total Dissolved Solids	mg/L	Spot Sample	Monthly
		Total Suspended Solids	mg/L	Spot Sample	Monthly
		Nitrate + Nitrite-nitrogen	mg/L	Spot Sample	Monthly
		Ammonium-nitrogen	mg/L	Spot Sample	Monthly
		Total Nitrogen	mg/L	Spot Sample	Monthly
		Total Phosphorus	mg/L	Spot Sample	Monthly
		Magflow meter to Bridgetown Golf Club	Volumetric flow rate (cumulative)	L/s or m <sup>3</sup> /day	Monthly
		Escherichia coli	cfu/100 mL	Spot sample	Monthly (when discharging)

2. Table 3.8.1 within Condition 3.8.1 is amended by deletion of the text shown in strikethrough and insertion of the red text shown in underline below:

<b>Table 3.8.1: Monitoring of ambient groundwater quality</b>				
<b>Monitoring point reference and location</b>	<b>Parameter</b>	<b>Units</b>	<b>Averaging period</b>	<b>Frequency</b>
<u>Bores:</u> <ul style="list-style-type: none"> <li>• <u>03/17;</u></li> <li>• <u>C and</u></li> <li>• <u>05/17</u></li> </ul> <del>Bore B, C, E</del> <del>Bore B, C, E</del> <del>Bore B, C, E</del> <del>Bore B, C, E</del> <del>Bore B, C, E</del> <del>Bore B, C, E</del>	Standing water level	m(AHD) mBGL	Spot sample	Quarterly
	pH <sup>1</sup>		Spot sample	Quarterly
	Electrical conductivity <sup>1</sup>	µS/cm	Spot sample	Quarterly
	Total dissolved solids	mg/L	Spot sample	Quarterly
	Total Nitrogen	mg/L	Spot sample	Quarterly
	Total Phosphorous	mg/L	Spot sample	Quarterly

3. The Licence is amended by deletion of the Premises map in Schedule 1 and insertion of the Premises map shown over:





## Appendix 1: Key documents

	Document title	In text ref	Availability
1	Licence L7440/1998/7 – Bridgetown Wastewater Treatment Plant #2	L7440/1998/7	accessed at <a href="http://www.dwer.wa.gov.au">www.dwer.wa.gov.au</a>
2	DER, July 2015. <i>Guidance Statement: Regulatory Principles</i> . Department of Environment Regulation, Perth.	DER 2015a	accessed at <a href="http://www.dwer.wa.gov.au">www.dwer.wa.gov.au</a>
3	DER, October 2015. <i>Guidance Statement: Setting Conditions</i> . Department of Environment Regulation, Perth.	DER 2015b	
4	DER, August 2016. <i>Guidance Statement: Licence Duration</i> . Department of Environment Regulation, Perth.	DER 2016a	
5	DER, November 2016. <i>Guidance Statement: Risk Assessments</i> . Department of Environment Regulation, Perth.	DER 2016b	
6	DER, November 2016. <i>Guidance Statement: Decision Making</i> . Department of Environment Regulation, Perth.	DER 2016c	