



Licence Number	L8925/2015/1
Licence Holder	Water Corporation
ABN	28 003 434 917
Registered business address	629 Newcastle Street LEEDERVILLE WA 6007
Date of amendment	3 March 2017
Prescribed Premises	Category 54 – Sewage facility Category 61 – Liquid waste facility
Premises	Laverton Wastewater Treatment Plant Crown Reserve 34208, 3420 Windara Road LAVERTON WA 6440

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.

Date signed: 3 March 2017

Steve Checker

MANAGER LICENSING (WASTE INDUSTRIES)

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

Amendment Notice

This notice is issued under 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 DER Guidance Statements have informed the decision made on this amendment:

Guidance Statement: Regulatory Principles (July 2015)

Guidance Statement: Setting Conditions (October 2015)

Guidance Statement: Decision Making (February 2017)

Guidance Statement: Risk Assessment (February 2017)

Amendment Description

DER received an application for a licence amendment on 19 October 2016 from Water Corporation (Licence Holder) requesting for the removal of Licence condition 4.1.1 which relates to a reporting requirement for works required to prevent overflows at the Premises.

The Laverton townsite is serviced by a reticulated sewer system with approximately 311 connections to residential, commercial properties and vacant lots. The Laverton WWTP can treat up to 415 m³/day. All treated wastewater is discharged to an evaporation pond.

During the previous assessment, DER reviewed the information provided with the Licence application and had found that the site is susceptible to overflow of pond 3 due to the limitations on the flow capacity between pond 3 and the evaporation pond. It was noted that treated wastewater (TWW) is discharged into the environmental discharge channel when inflows are above 70kL. This mostly occurred during time of mining camp occupancy and summer or winter storms (high rainfall events). Therefore an improvement condition 4.1.1 was included requiring the Licence holder to provide a date for carrying out modifications to the existing wastewater treatment plant to manage this overflow. Improvement condition 4.1.1 also required the Licensee to install permanent markers along the boundary of the premises so it can be identified on the ground and provide GPS co-ordinates of these markers to DER.

The Licence Holder has submitted an application for a Licence amendment with supporting flow forecasting information for the WWTP which indicated that due to downturns in the mining industry inflows of greater than (>) 70kL/d are not predicted until 2021. At present WWTP flows are currently <45kL/day. The Water Corporation in addition also submitted a report relating to a Preliminary Site Assessment (PSI) conducted by Cardo on behalf of Water Corporation for the Laverton WWTP which claimed that the environmental discharges are low risk in nature and will not cause environmental impacts if they were to recommence due to their short duration and low volumes (highly unlikely).

Water Corporation has also confirmed that the premises boundary is now depicted by a fence line and poles. GPS co-ordinates for the boundary corners were also provided.

Decision

The Delegated Officer has reviewed the information provided with the application and has found that:

- Inflows above 70 kL/day (potentially causing overflow) are not predicted to occur until approximately 2021, if mining and population-driven inflow increases occur; and
- overflow events have not occurred over the last three years, are not currently occurring and that there is a possibility that inflows may not increase to overflow levels in the short to medium term.

The Delegated Officer considers that potential overtopping events are adequately managed under condition 1.3.5(a) in the existing licence which prohibits the overtopping of ponds onsite.

The Delegated Officer is also satisfied that the WWTP premises boundary can be identified from the fence line, poles and the GPS coordinates provided and that this aspect of condition 4.1.1 has been satisfactorily addressed.

The Delegated Officer has therefore removed condition 4.1.1 from the licence.

Amendment History

Instrument	Issued	Amendment
L8925/2015/1	DRAFT	Amendment Notice 1 Remove condition 4.1.1

Licence Holder's Comments

The Licence Holder was provided with the draft Amendment Notice on 6 February 2017. The Licence Holder responded on 28 February 2017 waiving the remaining comment period with no comment provided.

Amendment

1. The licence is amended by the deletion of the following condition 4.1.1:

4.1.1 The Licensee shall complete the improvements in Table 4.1.1 by the date of completion in Table 4.1.1.

Table 4.1.1: Improvement program		
Improvement reference	Improvement	Date of completion
IR1	<i>The Licensee shall provide a report to the CEO which shall outline:</i> <ul style="list-style-type: none">• <i>a brief overview of works required to prevent overflow of wastewater from treatment pond 3; and</i>	<i>1 June 2016</i>

	<ul style="list-style-type: none">• a date of commencement for these works	
<i>IR2</i>	<i>The Licensee shall install permanent markers along the boundary of the Premises so it can be identified on the ground and provide CEO with the GPS co-ordinates of these markers.</i>	<i>1 June 2016</i>