



<b>Licence Number</b>	L7738/2000/9
<b>Licence Holder</b>	Water Corporation
<b>Registered business address</b>	629 Newcastle Street LEEDERVILLE WA 600
<b>Date of amendment</b>	Thursday, 10 November 2016
<b>Prescribed Premises</b>	Category 54 – Sewage facility Category 61 – Liquid waste facility
<b>Premises</b>	Margaret River Wastewater Treatment Plant Corner Long and Tare Roads BRAMLEY WA 6285 Being Forest Lease 2112/97, and Part of State Forest No. 56.

## Amendment

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: 10 November 2016

**Caron Goodbourn**

**A/ MANAGER LICENCING (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.

### Amendment Description

The licence is amended in response to an amendment application submitted by the licence holder on 12 November 2013, requesting an amendment to condition W2(b) to remove the requirement to meter flows to the storage dam. The measurement of volumetric flow rate from the outflow meter to/ from the storage dam is considered unnecessary. The irrigation volume to the town irrigation areas and woodlot are measured at different locations, and not by the flow meter that is directly after the storage dam. Water Corporation concluded that the inflow measurements are used as a substitution for the volume of treated wastewater discharged from the final combined settling tank. Due to this being a tank-type plant, Water Corporation stated that there is little influence of rainfall and evaporation on the hydraulic balance of the plant compared to the throughput. Therefore, the inflow measurement is considered an adequate indicator of outflow to the storage dam.

The amendment to condition W2(a) is made by the Delegated Officer pursuant to section 59(1) (a) of the EP Act.

### Decision

The Delegated Officer has determined that an amendment be made to condition W2(a) of the Licence. The condition is amended to remove the requirement to maintain and monitor the volume of wastewater discharged to the storage dam.

The inflow volume (as measured by inflow meter) is being proposed to be used as the surrogate to measure overall discharge volumes to the storage dam as the difference between inflow and outflow is considered nominal. The storage dam has three separate points for additional inflow into the storage dam (surface flow, rainfall and three natural springs within the dam) making volumes discharged from the storage dam higher than the inflow volumes. The premises monitors outflow volumes to the irrigation area and the Town of Margaret River which ensures all discharge volumes are accounted for. The monitoring of inflow into the storage dam is considered unnecessary.

Utilisation of the overall outflow volume (post storage dam) will potentially show that the premises is operating above design capacity and result in additional fee implications, but are only as a result of natural rainwater inflows into the storage dam and not the receipt of Category 54 or 61 wastes from outside of the premises.

The Delegated Officer considers that the utilisation of the inflow volume as the discharge volume to the storage dam is adequate for the purposes of assessing discharges from the premises and for the purposes of fee calculations and design capacity assessment.

The Delegated Officer does not consider that this approach will impact the risk profile or operation of the premises, and there is no additional risk expected through the amendment of the condition W2(a). The requirements for the recording and reporting

of all inflow and outflow volumes is a requirement of the Licence and will be able to still be addressed even with the amendment of condition W2(a) with the use of inflow volumes which are metered/ recorded and meters to monitor discharges to the Town of Margaret River and at the FPC woodlot area.

The Delegated Officer, however does identify that the Licence requires a review of all operational processes as the current Licence does not adequately address risk associated with discharges to the FPC woodlot area or the reuse of treated wastewater to the Town of Margaret River irrigation areas, and the Licence requires an update to the latest format

## Amendment History

Instrument	Issued	Amendment
L7738/2000/9	29/04/2016	Amendment Notice to extend expiry date to 31 October 2034.
L7738/2000/9	10/11/2016	Amendment Notice to remove the requirement to maintain a metering device to monitor the volume of wastewater discharged to the storage dam

## Amendment

1. Condition W2(a) of the licence is amended by the deletion of the text shown in strikethrough below:

*W2(a) The licensee shall maintain metering devices for measuring monthly cumulative volumes of wastewater treated by the wastewater treatment plant, discharged ~~to the storage dam and to the woodlot irrigation area and to the Margaret River Town site for reuse.~~ The monthly flow results shall be presented in the next annual monitoring report in a tabular format in m<sup>3</sup>/day.*