



Decision Document

Environmental Protection Act 1986, Part V

Proponent: **Water Corporation**

Licence: **L4884/1992/11**

Registered office: 629 Newcastle Street
LEEDERVILLE WA 6007

Premises address: Bullsbrook Wastewater Treatment Plant
2768, 2788, 2818 and 2820 Great Northern Highway
Bullsbrook WA 6084
Being Lot 6 on Diagram 17646 and Lots 9000, 9001 and 9002 on Plan
40152

Issue date: Friday, 8 October 2010

Commencement date: Sunday, 17 October 2010

Expiry date: Sunday, 16 October 2016

Decision

Based on the assessment detailed in this document the Department of Environment Regulation (DER), has decided to issue an amended licence. DER considers that in reaching this decision, it has taken into account all relevant considerations.

Decision Document prepared by:

Tanya Gilders
Licensing Officer

Decision Document authorised by:

Steve Checker
Delegated Officer



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1 Purpose of this Document

This decision document explains how DER has assessed and determined the application and provides a record of DER's decision-making process and how relevant factors have been taken into account. Stakeholders should note that this document is limited to DER's assessment and decision making under Part V of the *Environmental Protection Act 1986*. Other approvals may be required for the proposal, and it is the proponent's responsibility to ensure they have all relevant approvals for their Premises.

2 Administrative summary

Administrative details		
Application type	Works Approval <input type="checkbox"/> New Licence <input type="checkbox"/> Licence amendment <input checked="" type="checkbox"/> Works Approval amendment <input type="checkbox"/>	
Activities that cause the premises to become prescribed premises	Category number(s)	Assessed design capacity
	54	Not applicable
Application verified	Date: _____	
Application fee paid	Date: _____	
Works Approval has been complied with	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Compliance Certificate received	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Commercial-in-confidence claim	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Commercial-in-confidence claim outcome		
Is the proposal a Major Resource Project?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the <i>Environmental Protection Act 1986</i> ?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Referral decision No: _____ Managed under Part V <input type="checkbox"/> Assessed under Part IV <input type="checkbox"/>



Is the proposal subject to Ministerial Conditions?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Ministerial statement No: EPA Report No:
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the <i>Environmental Protection Act 1986</i>)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Department of Water consulted Yes <input type="checkbox"/> No <input type="checkbox"/>	
Is the Premises within an Environmental Protection Policy (EPP) Area Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes include details of which EPP(s) here.		
Is the Premises subject to any EPP requirements? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, include details here, eg Site is subject to SO ₂ requirements of Kwinana EPP.		

3 Executive summary of proposal and assessment

The Bullsbrook Wastewater Treatment Plant (WWTP) is located approximately 42km north east of Perth and services the town of Bullsbrook and surrounding areas, which has a nominal contributing population of 1,500.

This Plant utilises an Intermittently Decanted Extended Aeration (IDEA) system. The Bullsbrook WWTP is designed to serve a population of approximately 2000. Treated wastewater is disposed of by evaporation and infiltration via a constructed woodlot/wetland area on site.

This amendment is to extend the duration of the licence for one year to enable sufficient time to conduct a robust assessment of the emissions and discharges on the premises. Emissions and discharges on site have not been reassessed as part of this amendment process.



4 Decision table

All applications are assessed in line with the *Environmental Protection Act 1986*, the *Environmental Protection Regulations 1987* and DER's Operational Procedure on Assessing Emissions and Discharges from Prescribed Premises. Where other references have been used in making the decision they are detailed in the decision document.

DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
Water Pollution Control Conditions	W4	This condition has been amended to only require the calculation of contaminant load should the spillway be flowing to be consistent with condition W2(a). Emissions and discharges have not been reassessed as part of this amendment.	
Solid Waste Disposal Conditions	S1	This condition has been corrected to require solid waste to be disposed of at a licensed facility to allow operational flexibility. Emissions and discharges have not been reassessed as part of this amendment.	
Licence Duration		This is a short term amendment to extend the duration of the licence for one year to enable sufficient time to conduct a robust assessment of the emissions and discharges on the premises. Emissions and discharges have not been reassessed as part of this amendment.	



5 Advertisement and consultation table

Date	Event	Comments received/Notes		How comments were taken into consideration
21/09/2015	Application advertised in West Australian (or other relevant newspaper)	No comments received.		
1/10/2015	Proponent sent a copy of draft instrument	Definitions	The use of 'Director' is inconsistent with use of 'CEO'.	Amended as requested.
		W2(c), W2(d)	Clarify what Quality Assurance protocol this condition is referring to.	The condition does not refer to a protocol only the Water Corporation Quality Assured laboratory or in a laboratory holding NATA accreditation. This allows Water Corporation to utilise their own laboratory or a NATA accredited laboratory.
		W4	Sampling at the spillway is not required and request an exemption to this condition on the licence in the interim until the licence undergoes a robust assessment.	Amended to state 'if flowing' therefore only requiring the calculation of contaminant load should the spillway be flowing to be consistent with condition W2(a).
		S1	Please consider removing 'Beenyup WWTP' from this condition to allow greater operational flexibility.	Amended to state 'to a licensed facility'.



6 Risk Assessment

Note: This matrix is taken from the DER Corporate Policy Statement No. 07 - Operational Risk Management

Table 1: Emissions Risk Matrix

Likelihood	Consequence				
	Insignificant	Minor	Moderate	Major	Severe
Almost Certain	Moderate	High	High	Extreme	Extreme
Likely	Moderate	Moderate	High	High	Extreme
Possible	Low	Moderate	Moderate	High	Extreme
Unlikely	Low	Moderate	Moderate	Moderate	High
Rare	Low	Low	Moderate	Moderate	High