



Decision Document

Environmental Protection Act 1986, Part V

Proponent: Water Corporation

Licence: L7395/1991/10

Registered office: 629 Newcastle Street
LEEDERVILLE WA 6007

Premises address: Capel Wastewater Treatment Plant
Range Road
CAPEL WA 6271
Being Lot 5613 on Plan 190864 and Lot 1614 on Plan 140135

Issue date: Friday: 22 October 2010

Commencement date: Monday, 1 November 2010

Expiry date: Monday, 31 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 and legal requirements and that the Licence and its conditions will ensure that an appropriate level of environmental protection is provided.

Decision Document prepared by:

Dr Bhabesh Das
Senior Licensing Officer

Decision Document authorised by:

Caron Goodbourn
Delegated Officer



Contents

Decision Document	1
Contents	2
1 Purpose of this Document	2
2 Administrative summary	3
3 Executive summary of proposal and assessment	4
4 Decision table	5
5 Advertisement and consultation table	6
6 Risk Assessment	7

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	320 m ³ per day
Application verified	Date: N/A	
Application fee paid	Date: N/A	
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"/>
Is the proposal subject to Ministerial Conditions?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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"/>
Is the Premises within an Environmental Protection Policy (EPP) Area	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>



3 Executive summary of proposal and assessment

The Capel Wastewater Treatment Plant (WWTP) is located on Range Rd approximately 1.6km south-west of Capel. The plant was built in 1991 and treats wastewater to a tertiary standard. The WWTP is designed to service a nominal population of 1,883. The WWTP is surrounded by natural bushland. There is an ilmenite processing plant located approximately 500m southwest of the plant. Capel transfer station operates at approximately 600m northeast of the plant. The closest resident is located approximately 600m northeast of the plant directly opposite the transfer station.

The Capel WWTP consists of three treatment ponds (primary, secondary and tertiary) connected in series. The primary treatment pond is fitted with two floating mechanical aerators. The WWTP is licensed to treat up to 320 m³ per day. The average daily inflow to the plant for the 2013/14 reporting period was 231 m³ per day.

Treated wastewater flows from the final pond into two onsite infiltration ponds for disposal. Treated wastewater is also disposed of via pipeline to the Capel wetlands consisting of Higgins Lake, Swamphen Lake, Island Lake and Peninsula Lake. The wetland is located on Lot 1614 on Plan 140135 (Tuart Drive) approximately 2.2km south- east of the WWTP.

The Capel WWTP licence will be amended to extend the expiry date from 31 October 2015 to 31 October 2016. The licence will be amended to reflect the new licence format after this period. As part of this amendment, DER has not re-assessed the acceptability or impacts of emissions and discharges from the Premises or re-visited any existing emission control levels. There are no changes to the licence conditions apart from administrative changes and updates to reflect current activities. A partial decision document has been completed for the re-issue of this licence.



4 Decision table

All applications are assessed in line with the *Environmental Protection Act 1986*, the *Environmental Protection Regulations 1987*, DEC's Policy Statement - Limits and targets for prescribed premises (2006), 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
Licence Duration	N/A	The licence has been amended to extend the expiry date from 31 October 2015 to 31 October 2016. The licence will be amended to reflect DER's new licence format prior to the expiry of this licence.	N/A



5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
01/10/2015	Proponent sent a copy of draft instrument	Submitted 21 day waiver. No comments.	Not applicable



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