



Annual Audit Compliance Report Form

Environmental Protection Act 1986, Part V

Section A – Licence Details

Licence number:	L5976/1991/10	Licence file number:	2010/003112
Licence holder:	Water Corporation		
Trading as:	Carnarvon Wastewater Treatment Plant		
ABN:	28 003 434 917		
Registered address:	629 Newcastle Street, LEEDERVILLE, WA 6007		
Reporting period:	01 / 07 / 2022 to 30 / 06 / 2023		

Section B – Statement of Compliance with Licence Conditions

Did you comply with all of your licence conditions during the reporting period?
(please tick the appropriate box)

Yes – please complete:

- section C;
- section D if required; and
- sign the declaration in Section F.

No – please complete:

- section C;
- section D if required;
- section E; and
- sign the declaration at Section F.

Section C – Statement of Actual Production

Provide the actual production quantity for this reporting period. Supporting documentation is to be attached.

Prescribed Premises Category	Actual Production Quantity
54	Inflow estimated 615 m ³ /day

Section D – Statement of Actual Part 2 Waste Discharge Quantity

Provide the actual Part 2 waste discharge quantity for this reporting period. Supporting documentation is to be attached.

Prescribed Premises Category	Actual Part 2 Waste Discharge Quantity
Not Applicable	

Section E – Details of Non-Compliance with Licence Condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:	1.3.4	Date(s) of non-compliance:	28/03/2018
Details of non-compliance: (INC-056432_2018)			
<p><i>Condition 1.3.4 The Licensee shall ensure that waste material is only stored and/or treated within vessels or compounds provided with the infrastructure detailed in Table 1.3.3.</i></p> <p><u><i>Pond 1(aeration) – Clay lined to achieve a permeability of less than 10⁻⁹ m/s or equivalent.</i></u></p> <p>POND 1: During an inspection in 2018 it was identified that the liner of Pond 1 had been eroded due to windy conditions and wave action from wastewater in the pond. Repairs to the pond embankments and liner were undertaken however, geotechnical tests determined that the permeability was 5x10⁻⁹m/s in 2019. Pond 2 was taken offline for desludging and embankment repair during 2021-2022 which delayed further geotechnical testing of Pond 1 until 2022-2023.</p> <p>Hydrostatic testing was completed in 2023 which measured a liner permeability of 2x10⁻⁹m/s, the improvement in permeability is attributed to sludge accumulation over time.</p>			
What was the actual (or suspected) environmental impact of the non-compliance?			
<p>NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.</p> <p>The baseline environmental risk assessment indicated that there is a high risk to the Gascoyne River and GDE's from seepage from the WWTP. The Gascoyne River floodplains are within 500m from the WWTP and depth to groundwater is 2-3mBGL.</p> <p>It is suspected that seepage of untreated and or partially treated wastewater may impact ground water and GDE's.</p> <p>2022-2023 Trend analysis undertaken as part of the Annual Environmental Report has not identified any adverse results/or trends requiring further investigation.</p>			
Cause (or suspected cause) of non-compliance:			
Pond liner was severely eroded due to windy conditions and wave action from the wastewater.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<p>Pond 1 will be taken offline for repairs following the desludging and embankment repair of Pond 3. It is anticipated that this work will occur in the 2025 to 2029 5-year plan.</p> <p>Six monthly monitoring of bores 1/94 and 2/94 for ambient groundwater quality is occurring in accordance with Condition/Table 3.4.1. An investigation of results/trends occurs on a yearly basis in the Annual Environmental Report as required in Condition 4.2.1.</p>			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, and <input type="checkbox"/> No			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	

<input checked="" type="checkbox"/> Reported to DWER in writing (2018-2019 AACR)	Date: 01/09/2021
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Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.

Condition no:	1.3.5 (b) and (c)	Date(s) of non-compliance:	1/06/2021
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Details of non-compliance: (INC-053142_2017)

The Licensee shall manage all wastewater treatment, evaporation, and infiltration ponds such that:
(b) a freeboard equal to, or greater than, 300mm is maintained.
(c) the integrity of the containment infrastructure is maintained.

Erosion on embankments of Pond 2 and 3.

What was the actual (or suspected) environmental impact of the non-compliance?

NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.

No environmental impact from this non-compliance

Cause (or suspected cause) of non-compliance:

Erosion has been caused by above average rainfall in the region.

Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:

Embankment repairs were completed on Pond 2 in December 2022 and hydrostatic testing has confirmed permeability requirements have been met.

A bypass has been designed to take Pond 3 offline for desludging and embankment repair. The works to return Pond 3 to a compliant state is anticipated to occur in the 2023-2024 financial year.

Was this non-compliance previously reported to DWER?

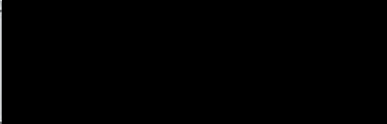
Yes, and No

Reported to DWER verbally Date: / /

Reported to DWER in writing (2021-2022 AACR) Date: 01/09/2021

Section F – Declaration

I/We declare that the information in this Annual Audit Compliance Report is true and correct and is not false or misleading in a material particular¹. I/We consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation’s (DWER) website.

Signature ² :		Signature:	
Name: (printed)		Name: (printed)	
Position:	General Manager Operations Group	Position:	
Date:	15 SEPT 2023	Date:	
Seal (if signing under seal):			

¹ It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular.

² AACRs can only be signed by the licence holder or an authorised person with the legal authority to sign on behalf of the licence holder.