



## Annual Audit Compliance Report Form

*Environmental Protection Act 1986, Part V Division 3*

Once completed, please submit this form either via email to [info-der@dwer.wa.gov.au](mailto:info-der@dwer.wa.gov.au), or to the below postal address:

Department of Water and Environmental Regulation  
Locked Bag 10  
Joondalup DC, WA, 6919

Section A – Licence Details			
Licence number:	L6245/1991/8	Licence file number:	DER2013/001026
Licence holder:	Water Corporation		
Trading as:	Wickham Wastewater Treatment Plant		
ACN:	28 033 434 917		
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)
<input type="checkbox"/> Yes – please complete: <ul style="list-style-type: none"> <li>• section C;</li> <li>• section D if required; and</li> <li>• sign the declaration in Section F.</li> </ul>
<input checked="" type="checkbox"/> No – please complete: <ul style="list-style-type: none"> <li>• section C;</li> <li>• section D if required;</li> <li>• section E; and</li> <li>• sign the declaration at Section F.</li> </ul>

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	670m <sup>3</sup> /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	

<b>Section E – Details of Non-Compliance with Licence Condition</b>			
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 (a)	Date(s) of non-compliance:	(a) 11/07/2022, (b) 17/08/2022 (c) 18/08/2022 and (d) 03/09/2022
Details of non-compliance:			
<p>a) Duty operator found primary pond overflowing to concrete spillway of evaporation pond 1.</p> <p>b) During a routine weekly inspection, duty operator found primary facultative pond overflowing via concrete spillway into evaporation pond 1.</p> <p>c) Marginal/minor trickles of treated wastewater overflowed from the evaporation basin 1 onsite at the WWTP into overflow pipe.</p> <p>d) Overflow from evaporation pond 1 to the tidal flats which was accelerated by wave action following a rainfall event.</p>			
What was the actual (or suspected) environmental impact of the non-compliance?			
<b>NOTE</b> – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Nil environmental impact detected			
Cause (or suspected cause) of non-compliance:			
<p>a) Reduced uptake of treated wastewater for re-use by the shire, Advanced Water Recycling Plant (AWRP) operational issues, infiltration into sewer lines post rainfall events and generally low evaporation during this time of the year.</p> <p>b) Attributed to reduced re-use water production from the AWRP to allow for a Rio Tinto family event on the Oval that occurred on the weekend of 13th of August 2022.</p> <p>c) Marginal overflow is due to high winds (wave action) which resulted in small trickles of treated wastewater overtopping the overflow pipe.</p> <p>d) Prolonged reduced uptake of recycling water by the shire resulted in treated wastewater banking up in the storage and evaporation ponds.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<p>a) Engaged shire to increase uptake of re-use water, pump was used to draw from evaporation pond back into primary facultative pond. Rio Tinto who had operational control of the AWRP at the time were engaged to review and resolve any operational issues that could be limiting reuse uptake.</p> <p>(b) Ops Manager organised re-use water tankering to Rio Tinto Offsite disposal and crossover valve between storage pond 2 and 3 opened.</p> <p>c) Upscaled production from Tertiary Treatment plant to allow for more freeboard in the evaporation ponds, including tankering of treated re-use water to offsite disposal.</p> <p>d) Carting of re-cycled water to Rio Tinto's offsite contingency evaporation ponds.</p>			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 01/10/2023	

<b>Section E – Details of Non-Compliance with Licence Condition</b>			
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:	Condition 1.3.3 (Table 1.3.2)	Date(s) of non-compliance:	03/04/2023
Details of non-compliance:			
Collected leachate did not return to treatment ponds. A small discharge to ground occurred when negative flow occurred on the constructed geobag laydown area.			
What was the actual (or suspected) environmental impact of the non-compliance? <b>NOTE</b> – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Nil environmental impact detected. Small amount of leachate is not suspected to impact groundwater.			
Cause (or suspected cause) of non-compliance:			
Newly constructed concrete slab was incorrectly sloped causing pooling and negative flow from geobag.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Geobag was immediately taken offline, and sludge was directed back to geobag #1. Area was cleaned and disinfected. Hardstand area is undergoing repair to function correctly and to be commissioned as part of the works approval.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<input type="checkbox"/> Reported to DWER verbally		Date:    /    /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date:    01/10/2023	

<b>Section E – Details of Non-Compliance with Licence Condition</b>			
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:	Condition 1.3.4 (Table 1.3.3)	Date(s) of non-compliance:	22/02/2023
Details of non-compliance:			
Following an inspection that raised concerns around the integrity of the pond lining a geotechnical investigation was conducted. It was then determined that the Storage Pond 1 lining did not meet the compliance requirement stipulated in the licence of being lined with compacted clay.			
What was the actual (or suspected) environmental impact of the non-compliance? <b>NOTE</b> – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Seepage from deficient asset may have an impact on groundwater. Current investigations indicate groundwater seepage is not impacting the aquatic environment. Groundwater monitoring is proposed to be added to the Licence in 2022/23.			
Cause (or suspected cause) of non-compliance:			
Cause is currently undetermined and was only identified after desludging of ponds took place. Investigations are ongoing.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Geotechnical investigation took place and a capital project has been raised to address the issue.			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> Reported to DWER verbally		Date:    /    /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date:    01/10/2022	

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:	1.2.1	Date(s) of non-compliance:	13/04/2023
Details of non-compliance:			
Erosion present across site with storage ponds having highest prevalence.			
What was the actual (or suspected) environmental impact of the non-compliance?			
<b>NOTE</b> – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Nil environmental impact currently detected, however, if left, erosion could worsen impacting pond structural integrity and liner integrity which may cause pond over topping, seepage and/or asset failure.			
Cause (or suspected cause) of non-compliance:			
Erosion caused by stormwater runoff ingress and other climatic factors			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
This item has been raised in the asset deficiency register to repair pond banks and remains open.			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> Reported to DWER verbally		Date:    /    /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date:    01/09/2022	

<b>Section E – Details of Non-Compliance with Licence Condition</b>			
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)	Date(s) of non-compliance:	13/04/2023
<b>Details of non-compliance:</b>			
During a site environmental inspection, cracked and subsiding concrete slabs of the pond banks were observed.			
<b>What was the actual (or suspected) environmental impact of the non-compliance?</b>			
<b>NOTE</b> – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Nil environmental impact currently detected, however, if left, cracked and subsiding concrete slabs and erosion could worsen impacting pond structural integrity and liner integrity which may cause pond over topping, seepage and/or asset failure.			
<b>Cause (or suspected cause) of non-compliance:</b>			
Erosion of the concrete slabs over time by climatic factors.			
<b>Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:</b>			
This item has been raised in the asset deficiency register to repair the cracked, subsiding concrete slabs and remains open.			
<b>Was this non-compliance previously reported to DWER?</b>			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> Reported to DWER verbally		Date:    /    /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 01/09/2022	

<b>Section E – Details of Non-Compliance with Licence Condition</b>			
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:	Condition 1.3.5(d)	Date(s) of non-compliance:	13/04/2023
Details of non-compliance:			
During site inspection evidence of previous vegetation management around site was present, however, over the wet season regrowth of weeds had occurred along embankments.			
What was the actual (or suspected) environmental impact of the non-compliance? <b>NOTE</b> – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Nil environmental impact currently detected, however, if left, vegetation growth could impact pond structural integrity and liner integrity which may cause seepage and or asset failure. In addition, vegetation growth creates a protected habitat for mosquito breeding. It is also noted that if left, vegetation growth will mature, contributing to the spread of weed via seed dispersal.			
Cause (or suspected cause) of non-compliance:			
Increased rainfall during wet season has led to regrowth of weeds.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Weed management was undertaken to remove vegetation regrowth.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<input type="checkbox"/> Reported to DWER verbally		Date:    /    /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 01/10/ 2023	

**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 particular<sup>1</sup>. I/We consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation's (DWER) website.

Signature <sup>2</sup> :		Signature:	
Name: (printed)		Name: (printed)	
Position:	General Manager Operations	Position:	
Date:	26 SEPT 2023	Date:	
Seal (if signing under seal):			

<sup>1</sup> 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.

<sup>2</sup> 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.