



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, 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:	L6270/1991/10	Licence file number:	DER2013/000796
Licence holder:	Water Corporation		
Trading as:	Kununurra 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 your licence conditions during the reporting period? (Please tick the appropriate box)
<input type="checkbox"/> Yes – please complete: <ul style="list-style-type: none">• section C.• section D if required; and• sign the declaration in Section F.
<input checked="" type="checkbox"/> No – please complete: <ul style="list-style-type: none">• 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	1570 m3/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:	1.2.4 (Table 1.2.3)	Date(s) of non-compliance:	5/10/2022 & 17/05/2023
Details of non-compliance:			
During site inspections dried rags were observed on the outer pond embankments.			
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.			
Nil environmental impact currently detected.			
Cause (or suspected cause) of non-compliance:			
No indirect method of halting rag ingress into system due to a lack of inlet screening in combination with an overloaded pond system in need of desludging.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Task organised to remove accumulation of rags on embankment and operators to be notified to halt procedure.			
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: 01/10/2023	
<input type="checkbox"/> Reported to DWER in writing		Date: 01/10/2023	

Section E – Details of Non-Compliance with Licence Condition

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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:	1.2.5 (b)	Date(s) of non-compliance:	(a) 07/02/2023 and (b) 27/02/2023 (c) 5/10/2022/17/05/2023
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Details of non-compliance:

Freeboard of 200mm has not been maintained:
 (a) 4000 litres overflowed from Pond 3b onto the ground.
 (b) Approximately 600,000 L of wastewater was discharged from a secondary treatment pond due to heavy rainfall that caused overtopping.
 (c) During inspection it was assessed that pond embankments had not been maintained effectively.

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.

Nil environmental impact detected.

Cause (or suspected cause) of non-compliance:

(a) Heavy rainfall and the siphon used for controlling levels between ponds became blocked with duckweed overnight.
 (b) Due to on-going rainfall events and ingress into sewer networks. Kununurra received consecutive rainfall from the 22-25 of February. The rainfall and stormwater runoff into the ponds exceeded the capacity of the treatment ponds and maturation ponds and caused an overflow from the maturation ponds.
 (c) Erosion of the pond embankments caused by stormwater ingress and the wash in of sediment.

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

(a) Siphon pump blockage was cleared, and pond level dropped 150mm. The surrounding area was cleaned and disinfected.
 (b) An operational contingency plan was implemented by opening the emergency release valve in pond 3A to M1 Channel and was maintained until 200mm freeboard was reinstated.
 I. The discharge was contained to the area adjacent the treatment plant.
 II. Crew attending site effectively managed the discharge and disinfected the area.
 III. Additional sampling organised for DoH and DWER at discharge point.
 IV. Waste discharge notification and summary were complete.
 (c) Short-term fix options were explored with no viable solution and asset deficiency has been raised for assessment and prioritization to fix and repair pond embankments.

Was this non-compliance previously reported to DWER?

Yes No

<input type="checkbox"/> Reported to DWER verbally	Date: 01/10/2023
<input checked="" type="checkbox"/> Reported to DWER in writing	Date: 01/10/2023

Section E – Details of Non-Compliance with Licence Condition

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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:	1.2.5 (c)	Date(s) of non-compliance:	5/10/2022 & 17/05/2023
Details of non-compliance:			
Integrity of containment infrastructure (pond embankments) has not been maintained.			
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.			
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 and stormwater ingress over time has contributed to pond embankments deterioration.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Short-term fix options were explored with no viable solution and asset deficiency has been raised for assessment and prioritization to fix and repair pond embankments.			
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: 01/10/2023	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 01/10/2023	

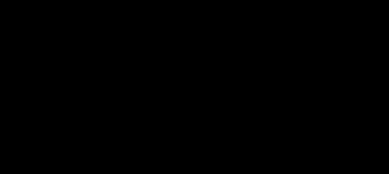
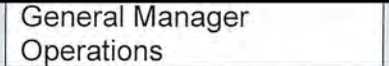
Section E – Details of Non-Compliance with Licence Condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:	1.2.5 (e)	Date(s) of non-compliance:	5/10/2022 & 17/05/2023
Details of non-compliance:			
During site inspections vegetation, debris and sludge was present within ponds.			
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.			
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.			
Accumulation of sludge and rags impacts on the capacity of the treatment ponds and the ability to capture and hold stormwater during significant rainfall events.			
Cause (or suspected cause) of non-compliance:			
No indirect method of stopping debris entering system due to a lack of inlet screening in combination with an overloaded pond system in need of desludging.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Weed management actions are to be scheduled and asset deficiency has been raised for desludging.			
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: 01/10/2023	
<input type="checkbox"/> Reported to DWER in writing		Date: 01/10/2023	

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:	1.2.3 (Table 1.2.2)	Date(s) of non-compliance:	30/01/2023, 12/02/2023, 23/02/2023 – 07/03/2023 & 05/04/2023
Details of non-compliance:			
Daily inflow into the Kununurra Wastewater Treatment Plant a total of 16 days across the annual period was exceeded over the annual period			
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.			
Nil environmental impact has currently been detected. An overloaded system present with rags, vegetation, debris, eroded banks will result in insufficient capacity to capture and hold increasing flows which could result in pond overtopping, further erosion and potentially more significant asset failures.			
Cause (or suspected cause) of non-compliance:			
Result of rainfall across the region in the wet season and increased sewer ingress.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Ensure pond level did not overtop and was maintained. Where overtopping did occur see Section E Condition no: 1.2.5 (a).			
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: 01/10/2023	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 01/10/2023	

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:	1.2.5 (a)	Date(s) of non-compliance:	(a) 07/02/2023 and (b) 27/02/2023
Details of non-compliance:			
Pond overtopping occurred on two occasions during the reporting period			
(a) 4000 litres overflowed from Pond 3b onto the ground.			
(b) Approximately 600,000 L of wastewater was discharged from a secondary treatment pond due to heavy rainfall that caused overtopping.			
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.			
Nil current environmental impact currently detected.			
Cause (or suspected cause) of non-compliance:			
(a) Heavy rainfall and the siphon used for controlling levels between ponds became blocked with duckweed overnight.			
(b) Due to on-going rainfall events and ingress into sewer networks. Kununurra received consecutive rainfall from the 22-25 of February. The rainfall and stormwater runoff into the ponds exceeded the capacity of the treatment ponds and maturation ponds and caused an overflow from the maturation ponds.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
(d) Siphon pump blockage was cleared, and pond level dropped 150mm. The surrounding area was cleaned and disinfected.			
(e) An operational contingency plan was implemented by opening the emergency release valve in pond 3A to M1 Channel and was maintained until 200mm freeboard was reinstated.			
I. The discharge was contained to the area adjacent the treatment plant.			
II. Crew attending site effectively managed the discharge and disinfected the area.			
III. Additional sampling organised for DoH and DWER at discharge point.			
IV. Waste discharge notification and summary were completed.			
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: 01/10/2023	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 01/10/2023	

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:	3.4 (Table 3.4.1)	Date(s) of non-compliance:	January 2023
Details of non-compliance:			
Quarterly sampling missed in January due to shortage of staff.			
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.			
Unable to validate water quality is not impacting the environment without the sampling data.			
Cause (or suspected cause) of non-compliance:			
Staff Shortages.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Non-regulatory monthly samples have been included in Annual Environmental Report to provide more data for the reporting period.			
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: 01/10/2023	
<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 ¹ . 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	Position:	
Date:	26 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.

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.