



Annual Audit Compliance Report Form

Environmental Protection Act 1986, Part V

Section A – Licence Details

Licence number:	L5980/1991/7	Licence file number:	2010/002819-1
Licence holder:	Water Corporation		
Trading as:	Exmouth Wastewater Treatment Plant		
ABN:	28 003 434 917		
Registered address:	629 Newcastle Street, LEEDERVILLE, WA 6007		
Reporting period:	01 / 07 / 2021 to 30 / 06 / 2022		

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	424 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:	Condition 8 (b)	Date(s) of non-compliance:	18/05/2022
Details of non-compliance:			
<p>Condition 8 (b) requires all treatment ponds to maintain a 300mm freeboard. In early April 2022, the Shire of Exmouth reuse scheme went offline following consecutive samples indicating a high E. coli presence in reuse scheme due to disinfection faults. On 21 April 22, it was identified that the levels in the treatment ponds were increasing, and that action was required to maintain freeboard. On the same day the Copper Ioniser pump was modified to pump treated wastewater from Pond 3 to the onsite emergency infiltration pond. On the 18th May it was identified that the copper ionizer pump had failed to pump at a rate that was sufficient to maintain freeboard and that 300mm freeboard had been lost on Pond 3, an additional larger pump was sourced. The additional pump was installed and started pumping treated wastewater from Pond 3 to the onsite emergency infiltration pond on the 25 May 22 to prevent overtopping of pond.</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>			
No environmental impact from the non-compliance.			
Cause (or suspected cause) of non-compliance:			
Consecutive faults of the Shire of Exmouth's reuse disinfection unit and delays in sourcing replacement parts and contractors caused this non-compliance.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Water Corporation worked closely with the Shire of Exmouth to reinstate the disinfection unit by providing advice, support and resources to expedite repairs to the disinfection unit which would allow reactivation of the reuse scheme.			
Was this non-compliance previously reported to DER?			
<input checked="" type="checkbox"/> Yes, and <input type="checkbox"/> No			
<input type="checkbox"/> Reported to DER verbally		Date:	
<input checked="" type="checkbox"/> Reported to DER in writing (N1 Notification)		Date: 23/05/2022	

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:	Condition 18. Table 8	Date(s) of non-compliance:	03/05/2022
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Details of non-compliance:

Condition 18, Table 8 requires groundwater monitoring bore 3/94 to be sampled for pH, Copper, TDS, TN, TP, Ammonia, Nitrate, Nitrite, BOD and E. coli on a six-monthly basis. The bore was sampled in October 2021 however was unable to be sampled in April 2022 as required.

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 the non-compliance.

Cause (or suspected cause) of non-compliance:

Bore 3/94 appears to have been hit by a vehicle. The bore is located outside the fenced boundary of the WWTP.

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

The non-compliance was raised in the Water Corporation's Asset Deficiency Register and investigations into repair options are underway.

Was this non-compliance previously reported to DER?

Yes, and No

Reported to DER verbally Date:

Reported to DER in writing Date:

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:	Condition 8 (b)	Date(s) of non-compliance:	08/07/2021
Details of non-compliance:			
Condition 8 (b) requires freeboard to be maintained at 300mm on treatment ponds. On 08/07/2021, 300mm freeboard was lost on Ponds 1 and 2 due to the Shire of Exmouth being unable to take treated wastewater due to a fault in the reuse and disinfection scheme. The reuse scheme was brought back online on the 28/07/2021 with freeboard restored in the days following.			
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 the non-compliance.			
Cause (or suspected cause) of non-compliance:			
Foot valve failure and difficulty on sourcing a replacement caused the reuse scheme to go offline resulting in the freeboard loss on treatment ponds.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
The Shire of Exmouth reconfigured their suction point in the reuse ponds to be lifted so that the valve is not sitting in sludge on the bottom of the pond causing the failure.			
Was this non-compliance previously reported to DER?			
<input checked="" type="checkbox"/> Yes, and <input type="checkbox"/> No			
<input type="checkbox"/> Reported to DER verbally		Date:	
<input checked="" type="checkbox"/> Reported to DER in writing (N1 Notification)		Date: 16/07/2021	

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:	Condition 3.3.1	Date(s) of non-compliance:	03/06/2021
Details of non-compliance:			
Condition 3.3.1: The Licensee shall undertake the monitoring in Table 3.3.1 according to the specifications in that tables.			
Inflow to the Exmouth WWTP is not monitored as no flow meter has been installed. Inputs to the plant are derived from outputs			
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 quantify if there is leakage through the treatment pond liners due to only continuous monitoring of the outflow.			
Cause (or suspected cause) of non-compliance:			
An inflow meter to continuously monitor inflow has not been installed.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
An inflow meter was installed and commissioned in December 2021. 6 months of inflow data has been collected from this meter and is currently undergoing validation. The 2021-2022 AER will use a Water Balance calculation to estimate inflow to the plant but will present the inflow data as recorded by the magflow meter.			
Was this non-compliance previously reported to DER?			
<input checked="" type="checkbox"/> Yes, and <input type="checkbox"/> No			
<input type="checkbox"/> Reported to DER verbally		Date:	
<input checked="" type="checkbox"/> Reported to DER in writing (N1 Notification)		Date: 16/07/2021	

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:	Condition 1.3.5 (c)	Date(s) of non-compliance:	03/06/2021
Details of non-compliance:			
Condition 1.3.5 (b) The Licensee shall manage all wastewater treatment and infiltration ponds such that the integrity of the containment infrastructure is maintained.			
An internal audit raised that erosion is evident on the embankments of Pond 1 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 the non-compliance.			
Cause (or suspected cause) of non-compliance:			
The Exmouth WWTP is reaching its capacity limits and heavy rain events are likely contributors to the erosion.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
A plan has been scheduled to repair eroded embankments in 2022.			
Was this non-compliance previously reported to DER?			
<input checked="" type="checkbox"/> Yes, and		<input type="checkbox"/> No	
<input type="checkbox"/> Reported to DER verbally		Date:	
<input checked="" type="checkbox"/> Reported to DER in writing (N1 Notification)		Date: 16/07/2021	

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:	Condition 1.3.3 and 1.3.4	Date(s) of non-compliance:	03/06/2021
Details of non-compliance:			
Conditions 1.3.1 and 1.3.4 require leachate from the sludge drying process to be returned to Pond 1 (the start of the treatment process). Currently, leachate from the onsite sludge drying bed is directed into Pond 2.			
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 the non-compliance.			
Cause (or suspected cause) of non-compliance:			
The design of the sludge drying bed does not adhere to the licence conditions as leachate is directed into Pond 2 rather than Pond 1.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Investigations are underway into the best method to either collect or redirect leachate. It is anticipated that this will be repaired when desludging next occurs at the WWTP. No desludging at this site is currently planned.			
Was this non-compliance previously reported to DER?			
<input checked="" type="checkbox"/> Yes, and <input type="checkbox"/> No			
<input type="checkbox"/> Reported to DER verbally		Date:	
<input checked="" type="checkbox"/> Reported to DER in writing (N1 Notification)		Date: 16/07/2021	

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:	Condition 3.2.1	Date(s) of non-compliance:	03/06/2021
Details of non-compliance:			
<p>Condition 3.2.1 requires quarterly monitoring of residual chlorine of backwash water from the Shire pump station. Additionally, this information should be reported in the Annual Environmental Report.</p> <p>No monitoring of the backwash water has been undertaken or reported on in recent years.</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>			
No environmental impact from the non-compliance.			
Cause (or suspected cause) of non-compliance:			
<p>Following improvements made to the Shire of Exmouth's chlorination system in 2019, it was reported that the backwash from the Shire's pump station was being discharged into the Shires storage ponds. This breakdown in communication caused confusion as the backwash was still being discharge to the backwash pond.</p> <p>During the 2021-2022 reporting year, samples were unable to be taken due to the ongoing investigations into discharge location, difficult scheduling manual backwash with Shire of Exmouth (automatic backwash occurs at night) and two occasions of the reuse scheme being offline due to faults.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
When the Shire reuse scheme is back online, samples will be scheduled ^{and} prioritized.			
Was this non-compliance previously reported to DER?			
<input checked="" type="checkbox"/> Yes, and <input type="checkbox"/> No			
<input type="checkbox"/> Reported to DER verbally		Date:	
<input checked="" type="checkbox"/> Reported to DER in writing (N1 Notification)		Date: 16/07/2021	

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 Environment Regulation's (DER) website.

Signature ² :		Signature:	
Name: (printed)		Name: (printed)	
Position:		Position:	
Date:		25/8/2022.	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.