



Annual Audit Compliance Report Form

Environmental Protection Act 1986, Part V

Section A – Licence Details			
Licence number:	L9132/2018/1	Licence file number:	DER/2018/000586
Licence holder:	[REDACTED]		
Trading as:	[REDACTED]		
ACN:	[REDACTED]		
Registered address:	[REDACTED]		
Reporting period:	01 /01/2021 to 31/12/2021		

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">• 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
25: Alcoholic Beverage manufacturing	1040 kL

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
N/A	N/A

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	Date(s) of non-compliance:	December 2021
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Details of non-compliance:

Marginal exceedance of production limit of 1,040 kL.

Actual production: 1,080 kL

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.

Cause (or suspected cause) of non-compliance:

Administrative error resulting in minor exceedance of production limit.

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

A Licence amendment application was submitted to DWER during 2021 AER period to increase production capacity.

Was this non-compliance previously reported to DWER? No

Yes, and

Reported to DWER verbally

Date: / /

Reported to DWER 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:	4(a); 4(d); 5(a); 5(d); 14	Date(s) of non-compliance:	01 January 2021 to 31 December 2021
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Details of non-compliance:

Soil survey not undertaken in accordance with all requirements of these conditions.

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.

Cause (or suspected cause) of non-compliance:

Condition 4(a) and 5(a) – requirement not achievable in timeframe due to a lack of availability of suitably qualified and experienced Soil Scientists in Western Australia.

Conditions 4(d) and 5(d) are not reasonable and practical. Soil Scientist, Jim Cupitt, advised that:

- Due to the complexity of the soil landscape on the Beer Farm, a 100m x 100m grid is not capable of detecting soil constraints that exist on the Beer Farm;
- Sampling the fixed depth specified in Table 3 do not correspond to the main soil horizon depths. Sampling fixed depths will result in the mixing of soil horizons and the results will not be able to be interpreted and translated into a management action/s;
- Emerson aggregate test (0-100cm) – Table 3. This test can only be applied to soils that form aggregates. Onsite topsoils are sands and these soils do not form aggregates (i.e. this test cannot be applied to onsite topsoils).
- A better approach would include the following components:
 - a. A desktop assessment of existing soil landscape mapping;
 - b. A visual assessment of surface features and map constraints that are visually evident;
 - c. An electromagnetic induction survey to non-invasively map sub-surface features;
 - d. Detailed test-pitting to visually inspect sub-surface features within areas that are proposed to be irrigated; and
 - e. Laboratory analysis of soil samples for properties of agronomic importance.

Jim Cupitt is an experienced Soil Scientist and has undertaken soil assessments for irrigation projects (including electromagnetic induction surveys) since 1998.

Condition 14 is not reasonable and practical.

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

non-compliance:	
<p>Condition 4(a) and 5(a) – the first available suitably qualified and experienced Soil Scientist was engaged to undertake a review of the operation of wastewater management at the Beer Farm.</p> <p>Condition 4(d) and 5(d) - The approach recommended by the Soil Scientist was adopted to support a licence amendment application to DWER.</p> <p>A licence amendment application was submitted to DWER during the AER period.</p>	
Was this non-compliance previously reported to DWER?	
<input type="checkbox"/> Yes, and	
<input type="checkbox"/> Reported to DWER verbally	Date: / /
<input type="checkbox"/> Reported to DWER 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:	7; 8; 9	Date(s) of non-compliance:	June, July, August, September and October 2021
Details of non-compliance:			
Not all infrastructure has been installed.			
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 actual or suspected environmental harm.			
Cause (or suspected cause) of non-compliance:			
<p>Conditions 7, 8 and 9 are not reasonable and practical.</p> <p>The treatment infrastructure specified in licence L9131/2018/1 is not capable of treating the main wastewater constraints.</p> <p>Infrastructure cannot be constructed until a Department of Health approval is in place for the specified infrastructure.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<p>A review of the operation of the Beer Farm’s wastewater management was undertaken by suitably experienced and qualified Soil Scientist during the AER period. The review identified the following main wastewater constraints:</p> <ul style="list-style-type: none"> • pH of wastewater: This constraint requires a lime dosing tank to adjust the pH prior to irrigation; and • Sodium Adsorption Ratio (SAR): This constraint requires a dosing system that is capable of controlling the mix of lime and waste caustic used for pH adjustment. <p>A licence amendment application has been submitted to DWER to amend these conditions to include the above treatment infrastructure.</p> <p>An application will be made to the Department of Health to address licensing inconsistencies prior to installing the required wastewater treatment infrastructure.</p>			
Was this non-compliance previously reported to DWER?			

<input type="checkbox"/> Yes, and	
<input type="checkbox"/> Reported to DWER verbally	Date: / /
<input type="checkbox"/> Reported to DWER 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:	10	Date(s) of non-compliance:	June, July, August, September and October 2021
Details of non-compliance:			
Not all bores have been installed.			
Two bores were installed by a licensed driller.			
Two bores were not installed.			
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 actual or suspected environmental harm.			
Cause (or suspected cause) of non-compliance:			
Condition 10 is not achievable.			
Installing bores at a fixed screen depth of 3 to 6 metres below the water table (Schedule 2, L9132/2018/1) is not possible due to site conditions. Screen depths should be installed based on the conditions encountered during drilling.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
A licence amendment application was been submitted to DWER during the AER period to amend the relevant conditions.			
A licensing outcome should include the installation of bores into the unconfined groundwater (where present), with drilling terminating when clay subsoils are intercepted.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER 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:	15	Date(s) of non-compliance:	June, July, August, September and October 2021
Details of non-compliance:			
Irrigation occurred in months of June, July, August, September and October.			
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 actual or suspected environmental harm.			
Cause (or suspected cause) of non-compliance:			
Condition 15 is not reasonable and practical.			
Storage of 5 months of wastewater represents an unreasonable environmental risk (i.e. a loss of containment risk) when the site's soils are capable of receiving a significant volume of wastewater during this period.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
A wastewater assessment was undertaken by a suitably experienced and qualified Soil Scientist during the AER period. The wastewater assessment confirmed that the site's soils are capable of receiving wastewater during these months, with some storage during the most limiting months.			
A licence amendment application has been submitted to DWER to amend this condition.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER 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:	17	Date(s) of non-compliance:	01/10/2021 to 31/12/2021
Details of non-compliance:			
<p>Condition 17 (Table 5) specifies that the wastewater volumetric flow rate must be continuously measured from discharge point M1 – the outflow from the final storage tank.</p> <p>Wastewater discharge volumes are not metered and are calculated based on inputs minus production losses.</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 actual or suspected environmental harm occurred as a result of the non-compliance.			
Cause (or suspected cause) of non-compliance:			
<p>No flow meter is installed at the outlet of the final storage tank.</p> <p>The use of a calculation method has been agreed in principle by DWER.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
A licence amendment application has been submitted to DWER to include a flow meter that is capable of measuring the wastewater flow to each irrigation area.			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 2020 Annual Environmental Report	

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:	16(g); 16(h); 18	Date(s) of non-compliance:	01/01/2021 to 31/12/2021
Details of non-compliance:			
<p>16(g) healthy vegetation not maintained over irrigation area</p> <p>16(h) there was inadequate vegetative growth to permit grass to be harvested.</p> <p>Condition 18 (Table 6) emission limits exceeded for:</p> <ul style="list-style-type: none"> • Nitrogen – all months • Phosphorus – all months 			
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>No actual or suspected environmental harm occurred as a result of the non-compliance.</p>			
Cause (or suspected cause) of non-compliance:			
<p>Nitrogen and phosphorus loading rates imposed by Condition 18 are too restrictive to permit the growth of healthy grass required by Condition 16(g).</p> <p>Vegetation cannot be harvested as required by Condition 16(h) because it is unable to grow sufficiently due to a macro-nutrient deficiency as a result overly restrictive nutrient loading limits imposed by Condition 18.</p> <p>License Condition 18 is not reasonable and practical.</p> <p>Refer to 2021 AER for additional details.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<p>A licence amendment application has been submitted to DWER during the 2021 AER period.</p> <p>An outcome of the licence amendment process should include the application of nitrogen and phosphorus at a level that will permit healthy vegetation to be established, maintained and harvested.</p>			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: Monthly reports as per Condition 28	

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:	20	Date(s) of non-compliance:	01/01/2021 to 31/12/2021
Details of non-compliance:			
Routine soil sampling not undertaken in accordance with Condition 20.			
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 actual or suspected environmental harm occurred as a result of the non-compliance.			
Cause (or suspected cause) of non-compliance:			
License Condition 20 is not clear as to what is required and is ambiguous. Refer to 2021 AER for additional details.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
A licence amendment application has been submitted to DWER during the 2021 AER period. An outcome of the licence amendment process should include clear and unambiguous soil sampling requirements.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date:	

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.			
²		Signature :	Signature:
Name: (printed)		Name: (printed)	
Position:		Position:	
Date:		26/1/21	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.