



Annual Audit Compliance Report Form

Environmental Protection Act 1986, Part V Division 3

Once completed, please submit this form either via email to info@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:	L6826/1994/13	Licence file number:	DER2014/000604
Licence holder name:	Ausvision Rural Services Pty Ltd		
Trading as:	Beaufort River Meats		
ACN:	93 106 075 763		
Registered business address:	46 Macri Road, Beaufort River, WA, 6394		
Reporting period:	01 / 01 / 2023 to 31 / 12 / 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">• 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 in 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
15- Abattoir 55- Livestock saleyard or holding pen	362,487 animals slaughtered with a liveweight of 13,004 tonnes

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

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:	Annual period
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Details of non-compliance:

Emission of treated wastewater to land:

- Total nitrogen loading rate exceeded annual Licence limit – 182.7 kg/ha/yr (limit 180 kg/ha/yr)

Detailed data is presented in Table 1 below.

Table 1: Emissions to land

Month of 2023	Number of kills	Irrigation (kL)	TN (mg/L)	TP (mg/L)	N Input (kg/ha)	P input (kg/ha)
January	28793	2898	74	30	14.3	5.8
February	30010	2943	92	33	18.1	6.5
March	35209	6282	52	27	21.8	11.3
April	27505	5692	58	18	22.0	6.8
May	37552	4579	60	22	18.3	6.7
June	30874	4968	74	22	24.5	7.3
July	10398	4740	41	15	13.0	4.7
August	24016	4843	12	17	5.5	3.9
September	31844	4141	61	22	16.8	6.1
October	38408	4934	42	21	13.8	6.9
November	37177	4012	33	28	8.8	7.5
December	30701	2826	31	27	5.8	5.1
Total	362487	52858	-	-	182.7	78.6

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.

Environmental impact is expected to be minimal to none.

The premises is not within a proclaimed water area nor is it located near any public drinking water source areas. A recent drilling estimated depth to groundwater to be at least 50 metres below ground level, as such any excess nutrient input resulting in leaching to the natural water resource is highly unlikely.

In addition, the pasture of the irrigation areas does not exhibit any signs of excessive nutrient build-up, such as stunted root or plant growth, leaf burn or plant death. The pasture area consists of Kikuyu, a perennial grass which responds strongly to applied N and P.

As mentioned in the Kikuyu Factsheet of the Local Land Services (NSW Government), Kikuyu growth rates average 40 to 60 kg DM/ha/day but are highly variable (0 to 160 kg DM/ha/day) within and between years depending on weather conditions.

Section E – Details of non-compliance with licence condition

On site, irrigation occurs routinely and is evenly distributed. As such it is fairly assumed that growth rate averages at around 80 kg DM/ha/day within the irrigation areas over an annual period. As mentioned in the Kikuyu Factsheet, N and P removal by Kikuyu grass is 24 and 3 kg/tDM respectively. As such, over a year, the pasture area on site would theoretically remove up to 700 kg/ha/yr of N (i.e. 80 kg DM/ha/day as growth rate x 365 days / 1000 * 24 kg/tDM N removal) and 90 kg/ha/yr of P (i.e. 80 kg DM/ha/day as growth rate x 365 days / 1000 * 3 kg/tDM P removal). Kikuyu grass on site would therefore remove most, if not all nutrient, applied through irrigation, hence prevent any impact on sensitive resources.

Cause (or suspected cause) of non-compliance:

The marginal exceedance of the nitrogen emission limit was due to a reduction of the nutrient removal ability of the WWTP complemented with an increase irrigation over March and April 2023.

However, it is emphasised that compared to the previous review period, where TN and TP input to land were recorded at 358 kg/ha and 101 kg/ha respectively, the facility has shown remarkable improvement in 2023 and is well on track to achieving full compliance by the end of 2024.

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

We keep on following the *Path to Compliance Actions* (PTCA) set out in the second quarter of 2022 and discussed in the past AERs. The PTCA (revised during the production of this AER) are further detailed in Table 2. Barring any unforeseen developments in the remaining PTCA, we maintain confidence that the facility will achieve full compliance by the end of 2024.

Table 2. Path-to-Compliance Actions (PTCA)

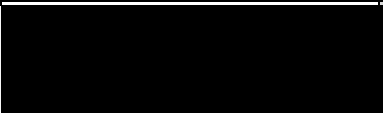

Action Taken	Action Description	Target	Outcome	Action Review
Action 1 Completed	<u>Influent Path Structure</u> Increased cleaning frequency of auger and sumps to WWTP.		TN and TP input improved. From 53 kg/ha/month TN to 45 kg/ha/month and 19 kg/ha/month TP to 8 kg/ha/month.	Target not achieved so moved to Action 2
Action 2 Completed	Irrigation over larger area (15ha instead of 7ha) and optimisation of irrigation scheme.		TN dropped to around 23 kg/ha/month and TP to around 5 kg/ha/month	TP input target achieved. TN input target not achieved so moved to Action 3
Action 3 Completed	<u>Aerobic Pond</u> Replacement of aeration system in aerobic pond.	Monthly TN and TP input to irrigation areas: < 15 kg/ha/month or 180 kg/ha/yr TN and < 6.67 kg/ha/month or 80 kg/ha/yr TP	Significant improvement in TN input to land. From 358 kg/h/yr in 2022 to 182.7 in 2023.	TN input target not fully achieved so moved to Action 4
Action 4 (February-	<u>Anaerobic Pond</u>		Assessment to start when pond is	If TN input target is not

Section E – Details of non-compliance with licence condition					
March 2024)	Installation of new anaerobic pond as per W6452/2020/1 to carry out desludging of former pond.		installed.	achieved, Action 5 will be carried out.	
Action 5 (to be advised)	Anaerobic Pond and Aerobic Pond Desludging of the former anaerobic pond and aerobic pond as per W6452/2020/1		Assessment to start upon completion of work.	To be advised	
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: 20 / 01 / 2023 (previous AACR)		

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:	Managing Director	Position:	
Date:	26/02/2024	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.