



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:	L4706/1972/17	Licence file number:	DER2014/002698-1
Licence holder name:	Electricity Generation and Retail Corporation		
Trading as:	Synergy		
ACN:	673 830 106		
Registered business address:	Level 23 152-158 St Georges Terrace PERTH WA 6000 Muja Power Station		
Reporting period:	01 / 07 / 2023 to 30 / 06 / 2024		

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 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
Category 52: Electric power generation	3,198,500 MWh
Category 12: Screening, etc. of material	1,670,683 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
Category 53: Flyash disposal (Into Containment point C3-Ash Storage Dam)	105,662.40 tonnes
Category 61: Liquid waste facility	zero discharged off-site

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:	3.4.3 and 3.5.2	Date(s) of non-compliance:	01/06/2024
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Details of non-compliance:

The MUJ2 (Muja B) ambient air quality monitoring station Ambient Temperature (AT) sensor valid data availability maintained below 90% (achieved 83.3%).

An instrument fault was identified on the Air Temperature sensor on June 9, 2024. It was identified on 21 June by Ambient Air Monitoring Contractor, that due to intermittent issues with MUJ2 (Muja B) Ambient Air Temperature sensor identified in June 2024, validated data points for this instrument for month May were required to be further reviewed as part of the data validation process.

Courtesy email to inform DWER about potential reduced valid data availability for air temperature parameter for month May in relation to the Muja licence L4706/1972/17 condition 3.4.3 and 3.5.2. has been submitted on 27 June 2024.

Monthly ambient air quality report has been submitted to DWER on 14 June 2024 and amendment has been submitted to DWER on 8 July 2024 following additional validation process.

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 adverse environmental impact of non-compliance occurred (ambient air monitoring equipment fault).

[Appendix 1: Map of the location of the monitoring reference point.](#)

Cause (or suspected cause) of non-compliance:

The Air Temperature sensor readings became intermittently inaccurate due to an equipment fault. The intermittent nature of the fault prevented the data reporting analysts from identifying the issue until 9 June 2024.

Investigation to the operation of the equipment has been undertaken and the main cause was faulty AT/RH instrument cable.

Section E – Details of non-compliance with licence condition

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

The matter has been investigated by Contractor and Synergy and outcomes discussed at performance review meeting conducted with Contractor on 25 June 2024.
The issue was resolved by replacing data logger instrument cable.
Training has been arranged for all Contractor's relevant staff on the importance of sensor maintenance, data integrity, and troubleshooting procedures.
Additional data integrity checks have been implemented within current system to provide more visibility on the changes in the data and identifying faults.
Ongoing monitoring of the instrumentation function has been maintained.

Was this non-compliance previously reported to DWER?

☒ Yes, and

☐ Reported to DWER verbally

Date: / /

☒ Reported to DWER in writing

Date: 27 / 06 / 2024

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:

3.4.7

Date(s) of non-compliance:

29/11/2023

Details of non-compliance:

Inability to monitor ambient groundwater quality at MB8 monitoring location point due to bore damage.

Email notification has been submitted to DWER on 27 June 2024 to inform that ambient groundwater monitoring location MB8 has been Out Of Service (OOS) from 29 November 2023. During the groundwater monitoring activity undertaken by Contractor for Muja contaminated sites program, the high flow pump used to extract groundwater from the groundwater monitoring well MB8 became stuck due to damage over time within the well.

Due to the condition of MB8 bore and inability to monitor it as per Muja licence L4706/1972/17 condition 3.4.7 beyond OOS date, the monitoring activity has been undertaken for new replacement monitoring well MB8R for remaining FY 23/24.

New replacement monitoring well has been installed on 30 January 2024, in the near proximity of the MB8.

The new bore has been monitored as per existing ambient groundwater quality monitoring program and as per Muja licence L4706/1972/17 condition 3.4.7.

Section E – Details of non-compliance with licence condition

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 adverse environmental impact of non-compliance occurred (new monitoring location used for the ambient groundwater quality monitoring program). Monitoring program frequency and scope of parameters remained unchanged.

[Appendix 2A: Map of the location of the monitoring reference point.](#)

Cause (or suspected cause) of non-compliance:

The high flow pump used to extract groundwater from the groundwater monitoring well MB8 became stuck due to damage over time within the well.
The steps have been undertaken to dislodge the pump. The well was unable to be redeveloped as a suitable pump could not be put into the well without becoming stuck again and it has been decommissioned on 13 February 2024.

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

Following the installation of new monitoring bore MB8R and decommissioning of the bore MB8, the Muja Power Station ambient groundwater monitoring program has been continued as per Muja licence L4706/1972/17 condition 3.4.7 by attending the new monitoring location.
DWER has been notified via email on 27 June 2024 regarding ambient groundwater monitoring location MB8 being Out Of Service (OOS) from 29 November 2023.
Synergy has liaised with DWER and sought Muja licence L4706/1972/17 condition 3.4.7 amendment to accept Synergy undertaking ambient groundwater quality monitoring of new installed bore MB8-R in the replacement of decommissioned MB8 monitoring bore.
Synergy has provided licence amendment and supporting documentation respectively on 13 and 27 August 2024.

Was this non-compliance previously reported to DWER?

☐ Yes, and

☐ Reported to DWER verbally

Date: / /

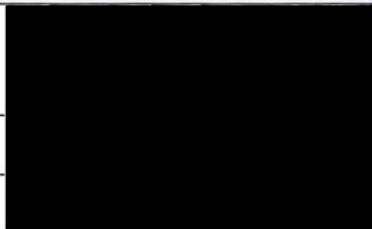
☒ Reported to DWER in writing

Date: 27 / 06 / 2024

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:		Position:	
Date:	18 TH SEPT 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.

List of Appendices:

Appendix 1: [Map of the location of the monitoring reference point.](#)
MUJ2- Muja B Ambient air quality monitoring site

Appendix 2A: [Map of the location of the monitoring reference point.](#)
MB8 ambient groundwater monitoring location

Appendix 2B: [Map of the location of the monitoring reference point.](#)
New MB8R ambient groundwater monitoring location in the reference of MB8 ambient groundwater monitoring location

Appendix 1: Map of the location of the monitoring reference point.
MUJ2- Muja B Ambient air quality monitoring site



Appendix 2A: Map of the location of the monitoring reference point.
MB8 ambient groundwater monitoring location



Appendix 2B: Map of the location of the monitoring reference point.
**New MB8R ambient groundwater monitoring location in the reference of
MB8 ambient groundwater monitoring location**

MB8R (Easting 434508.788, Northing 6298506.049)

