



Annual Audit Compliance Report Form

Environmental Protection Act 1986, Part V

Section A – Licence Details

Licence number:	L7276/1996/12	Licence file number:	2011/0011705-1
Licence holder:	Murrin Murrin Operations Pty Ltd		
Trading as:			
ACN:	076 717 505		
Registered address:	Level 3 30 The Esplanade Perth, WA 6000		
Reporting period:	01/05/2023 to 30/04/2024		

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 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
Category 5: Processing of beneficiation of metallic or non-metallic ore	4,057,767 dry tonnes
Category 6: Mine dewatering.	227,012 tonnes
Category 12: Screening etc. of material	941,622 dry tonnes
Category 31: Chemical manufacturing	1,277,984 tonnes: <ul style="list-style-type: none">• Hydrogen plant: 5,249 tonnes• Hydrogen sulfide plant: 35,763 tonnes• Sulfuric acid plant: 1,236,972 tonnes• 35,994.1 tonnes of nickel• 2,262.9 tonnes of cobalt
Category 44: Metal smelting or refining	35,994 tonnes of nickel 2,263 tonnes of cobalt

Department of Water and Environmental Regulation

Category 52: Electrical power generation	87.5 megawatts in aggregate
Category 54: Sewage facility	306 cubic metres per day
Category 57: Used tyre storage (General)	N/A
Category 63: Class 1 inert landfill site	2,380 tonnes
Category 64: Class II or III putrescible landfill	

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
5 – Processing or beneficiation of metallic or non-metallic ore	4,057,767 dry tonnes
6 – Mine dewatering	227,012 tonnes

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:	1.3.3	Date(s) of non-compliance:	20 March 2024 26 March 2024						
Details of non-compliance:									
<p>On two occasions during the reporting period the CCD Containment Pond overflowed.</p> <p>On both occasions, process solution containing salts, nickel, cobalt, magnesium, copper, iron and sulphates were released into the site stormwater drainage system.</p> <p>Estimates of the volume released on 20 March could not be determined. An estimated 400 m³ of process solution was released on 26 March.</p> <p>What was the actual (or suspected) environmental impact of the non-compliance?</p> <p>NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.</p> <p>The process solution was retained within the site stormwater drainage system and sediment trap containment pond. The suspected environmental impact of both events is minor seepage to groundwater from the unlined stormwater drainage and retention system.</p>									
Cause (or suspected cause) of non-compliance:									
The cause of the non-compliance was the combination of prolific high rainfall and failure to maintain insufficient freeboard for a 1 in 100 year rainfall event.									
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:									
<p>Immediate actions (20 March) included pumping of process solution from the CCD Pond 2 to reduce the pond level to stop the overflow and reclaiming contaminated stormwater from the sediment trap containment pond.</p> <p>Immediate actions (26 March) included minimising overflow of the pond by hot parking Autoclave 3, adjusting the CCD Needle Tanks to retain additional solution, diverting process solution to the Heap Leach process solution ponds and reclaiming water from the sediment trap containment pond.</p> <p>In addition to the immediate actions a number of additional measures, including those detailed below have been identified and/or actioned to minimise the likelihood of a recurrence.</p> <table border="1"> <thead> <tr> <th>Action</th> <th>Status</th> <th>Due Date</th> </tr> </thead> <tbody> <tr> <td>Develop and implement a plan to remove solids from the containment pond as soon as</td> <td>In progress. A plan has been developed to remove solids from the ponds</td> <td>31 December 2024</td> </tr> </tbody> </table>				Action	Status	Due Date	Develop and implement a plan to remove solids from the containment pond as soon as	In progress. A plan has been developed to remove solids from the ponds	31 December 2024
Action	Status	Due Date							
Develop and implement a plan to remove solids from the containment pond as soon as	In progress. A plan has been developed to remove solids from the ponds	31 December 2024							

practicable	and the plan is currently going through internal approvals.	
Review and risk assess CCD Containment Pond operating strategy	Complete	NA
Issue a Standing Instruction detailing guidance on proactively managing CCD Containment Pond levels	Complete	NA

Was this non-compliance previously reported to DWER?

☒ Yes, and

☐ Reported to DWER verbally

Date: / /

☒ Reported to DWER in writing

Date: 20/03/2024 & 28/03/2024

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:	1.3.8	Date(s) of non-compliance:	Six of the 12 months during the 2023-24 reporting period
---------------	-------	----------------------------	--

Details of non-compliance:

The average daily throughput of the sewage facility over the reporting period was exceeded in six of the 12 months during the reporting period, resulting in an annual average throughput of 306 m³ per day, exceeding the licensed throughput of 300 m³ per day.

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.

Negligible environmental impact is suspected as a result of the exceedance as:

- The exceedance was minor (306 m³ per day compared to the requirement of 300 m³ per day).
- All effluent was discharged within the authorised reticulation fields

Cause (or suspected cause) of non-compliance:

Increased volumes of discharge due to increased village occupancy during the period 1 May 2023 to 30 April 2024.

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

Department of Water and Environmental Regulation

No action is considered necessary in the short term as environmental effects are considered negligible.

MMO will review village occupancy requirements and the capacity of the sewage facility to ensure alignment. MMO will liaise with DWER regarding any changes that may be proposed to the plant and any required works approvals or licence amendments.

Was this non-compliance previously reported to DWER?

☐ Yes, and

☐ Reported to DWER verbally

Date: / /

☐ 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 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:	27/6/2024	Date:	27/6/2024
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.