

## APPENDIX 1: L5206/1987/10 AACR

### 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](mailto: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:	L5206/1987/10	Licence file number:	2012/006906
Licence holder name:	Matilda Operations Pty Ltd		
Trading as:	Blackham Resources		
ACN:	166 954 525		
Registered business address:	Level 3, 1 Altona Street, Wet Perth WA 6005		
Reporting period:	01/01/2019 to 31/12/2019		

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: section C; section D (if required); and sign the declaration in Section F.
<input checked="" type="checkbox"/> 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
5) Processing or beneficiation of metallic or non-metallic ore: premises on which — (a) metallic or non-metallic ore is crushed, ground, milled or otherwise processed; or (b) tailings from metallic or non-metallic ore are reprocessed; or (c) tailings or residue from metallic or non-metallic ore are discharged into a containment cell or dam.	a) 1,808,871 tonnes of ore processed.  c) 1,024,368 m3 of dry tailings deposited to TSF.
6) Mine dewatering: premises on which water is extracted and discharged into the environment to allow mining of ore.	702,953 kL
85) Sewage facility: premises — (a) on which sewage is treated (excluding septic tanks); or from which treated sewage is discharged onto land or into waters.	81 m3 per 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
5) Processing or beneficiation of metallic or non-metallic ore: premises on which — (a) metallic or non-metallic ore is crushed, ground, milled or otherwise processed; or (b) tailings from metallic or non-metallic ore are reprocessed; or (c) tailings or residue from metallic or non-metallic ore are discharged into a containment cell or dam.	c) 1,024,368 m3 of dry tailings deposited to TSF.
6) Mine dewatering: premises on which water is extracted and discharged into the environment to allow mining of ore.	709,011 kL
85) Sewage facility: premises — (a) on which sewage is treated (excluding septic tanks); or from which treated sewage is discharged onto land or into waters.	81 m3 per day

## 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:	1.2.2	Date(s) of non-compliance:	05/01/2019
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Details of non-compliance:

Discharge of approx. 20,000 L of saline water from the Happy Jack dewatering line to surrounds. Surrounding area primarily disturbed gravel.

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 occurred as the spill was contained within a pre-disturbed gravel area. See below photo.





## Section E – Details of non-compliance with licence condition



Cause (or suspected cause) of non-compliance:

Upon inspection pipe appeared to be damaged by weight/impact of surrounding rock.

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

Pipe repaired. Pipe work inspected on a regular basis.

Was this non-compliance previously reported to DWER?

☐ 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:	1.2.2	Date(s) of non-compliance:	29/01/2019
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Details of non-compliance:

Discharge of sewage from recently installed BIOMAX system to nearby Bulletin Access Road observed during installation/maintenance.

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 as discharge was contained to the Bulletin Access Road.





## Section E – Details of non-compliance with licence condition



Cause (or suspected cause) of non-compliance:

Outflow of BIOMAX system was not directed to a leach drain or irrigation area.

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

Tanks now diverted to leach drains.

Was this non-compliance previously reported to DWER?

☐ 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:	3.4.1	Date(s) of non-compliance:	13/03/2019
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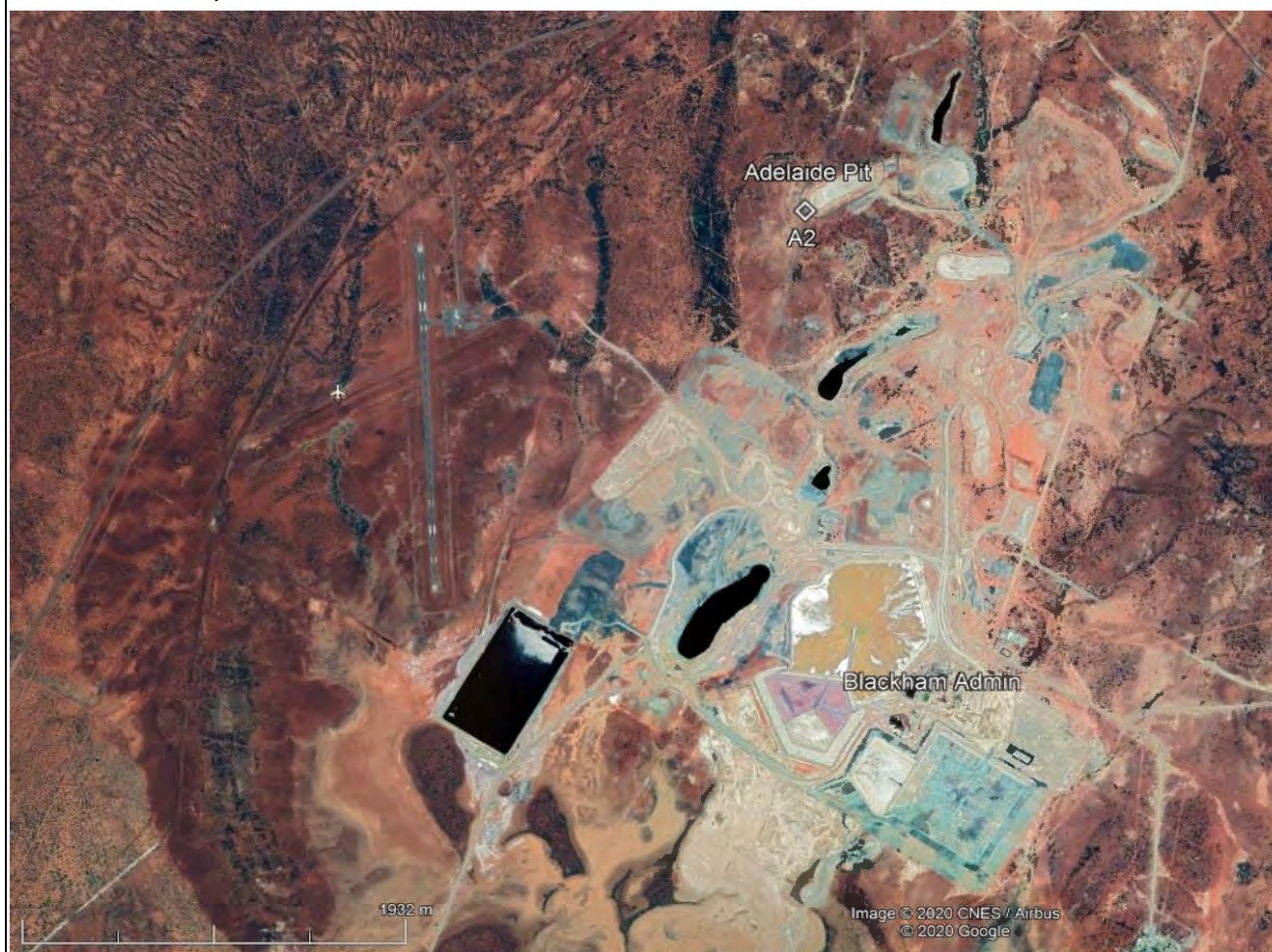
Details of non-compliance:

TSF Groundwater Monitoring Bore A2 Arsenic Result Exceeded Licence Limit of 0.4 mg/L, result was 0.75 mg/L.

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.

Minor environmental damage, levels will continue to be monitored.

Please see map below.



## Section E – Details of non-compliance with licence condition

Cause (or suspected cause) of non-compliance:

Wiluna ore has a strong association with arsenopyrite sulphide mineral, with arsenic being detected naturally within the groundwater.

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

No action taken. Bore continually monitored quarterly. Arsenic concentrations have since dropped below Licence Limits.

Was this non-compliance previously reported to DWER?

☒ Yes, and

☐ Reported to DWER verbally

Date: / /

☒ Reported to DWER in writing

Date: 20 /07/19



## 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:	1.2.2	Date(s) of non-compliance:	25/05/2019
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Details of non-compliance:

Discharge of approx. 800 L of saline water from pipe to surrounding gravel at Evaporation Pond.

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.

Minor environmental damage to surrounding area, contained in previously disturbed gravel area.



Cause (or suspected cause) of non-compliance:

## Section E – Details of non-compliance with licence condition

Damaged pipe suspected to have been damaged during repair and maintenance works. Upon pump start up a leak was noticed.

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

Pipe repaired. Continuation of regular inspections.

Was this non-compliance previously reported to DWER?

☐ 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:	3.4.1	Date(s) of non-compliance:	09/06/2019
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Details of non-compliance:

TSF Groundwater Monitoring Bore A2 Arsenic Result Exceeded Licence Limit of 0.4 mg/L, result was 0.49 mg/L.

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.

Map as per previous exceedance.

Cause (or suspected cause) of non-compliance:

Wiluna ore has a strong association with arsenopyrite sulphide mineral, with arsenic being detected naturally within the groundwater.

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

No action taken. Bore is monitored quarterly and arsenic concentration has since dropped below Licence Limit.

Was this non-compliance previously reported to DWER?

☒ Yes, and

☐ Reported to DWER verbally

Date: / /

☒ Reported to DWER in writing

Date: 20/07/19

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:	2.3.2	Date(s) of non-compliance:	14/11/2019
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## Section E – Details of non-compliance with licence condition

Details of non-compliance:

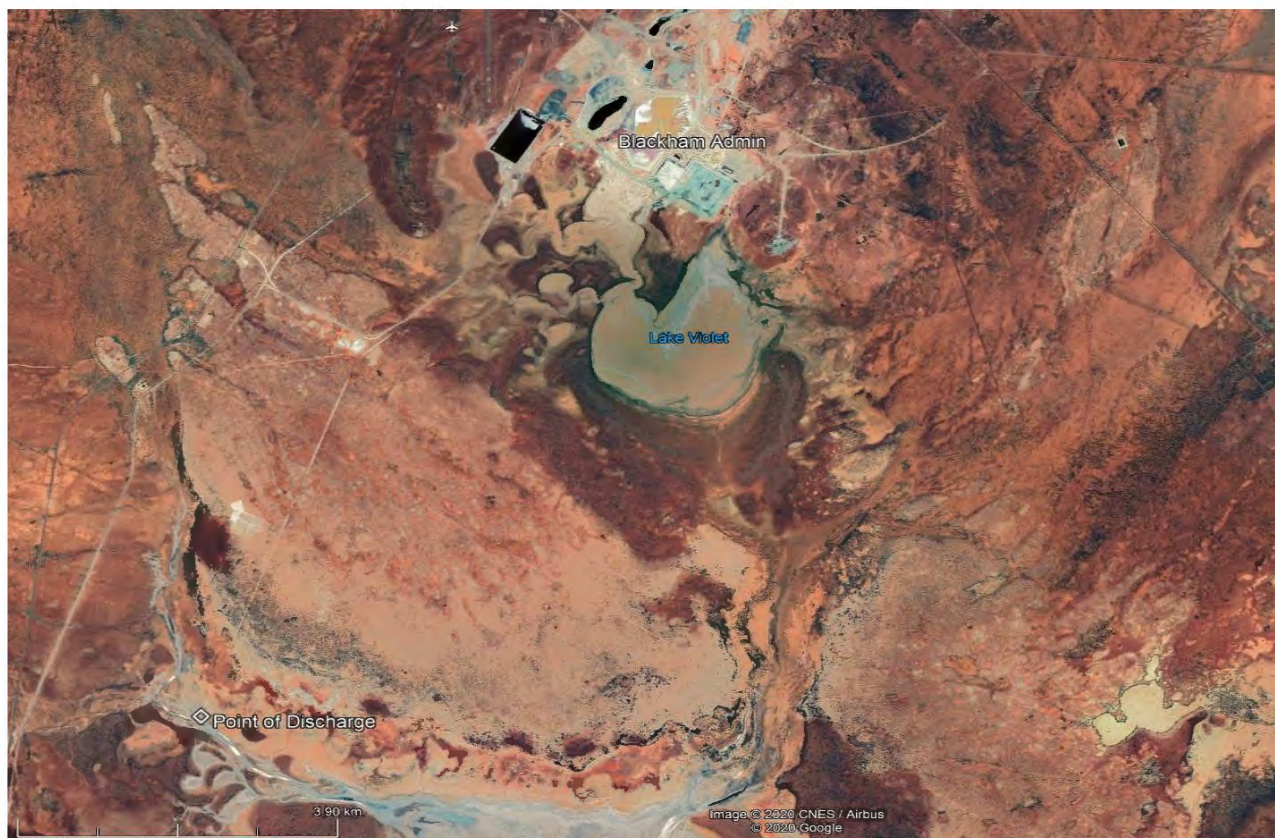
Lake Way Total Suspended Solids Exceeded Licence Limit of 80 mg/L, result was 130 mg/L.

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 suspected environmental impact.

Ecological impact assessments from discharge are conducted annually. The first discharge assessment was conducted in Oct 2019. Follow up assessments will occur in 2020 to determine and potential impacts from discharge.



Cause (or suspected cause) of non-compliance:

The re-commencement and several interruptions Are believed to have resulted increased suspended matter.



## 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:

Retested on 31/08/2019, result 16 mg/L.

Was this non-compliance previously reported to DWER?

☒ Yes, and

☐ Reported to DWER verbally

Date: / /

☒ Reported to DWER in writing

Date: 14/10/2019

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:

2.3.2

Date(s) of non-compliance:

14/11/2019

Details of non-compliance:

Lake Way Total Suspended Solids Exceeded Licence Limit of 80 mg/L, result was 260 mg/L

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 suspected environmental impact.

Ecological impact assessments from discharge are conducted annually. The first discharge assessment was conducted in Oct 2019. Follow up assessments will occur in 2020 to determine and potential impacts from discharge.

As per map previously provided.

Cause (or suspected cause) of non-compliance:

Pump was sitting on pond floor drawing benthic sediment.

## 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:

Discharge ceased. The pump was lifted out of the sediment and kept off for 24 hours allowing water replenishment.

Was this non-compliance previously reported to DWER?

☒ Yes, and

☐ Reported to DWER verbally

Date:    /    /

☒ Reported to DWER in writing

Date:    23/11/19



## 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:	1.2.2	Date(s) of non-compliance:	19/11/2019
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Details of non-compliance:

Discharge of saline water to ground from leak in southern borefield pipeline.

DWER Inspection - Environmental Notice Issued (00908)

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.

Spill was contained to nearby gravel area. No environmental impact is expected.



Cause (or suspected cause) of non-compliance:

Unknown damage to pipe.

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

## Section E – Details of non-compliance with licence condition

Pipe repaired. Continue to complete regular inspections.

Was this non-compliance previously reported to DWER?

☒ Yes, and

☒ Reported to DWER verbally

DWER Inspection - Environmental Notice  
(00908)

Date: 19 /11/19

☐ 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:	1.2.4	Date(s) of non-compliance:	19/11/2019
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Details of non-compliance:

Encroaching vegetation of the Sewage Facility ponds.

DWER Inspection - Environmental Notice (01754)

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 is expected.



Section E – Details of non-compliance with licence condition	
Cause (or suspected cause) of non-compliance:	
Seed blown onto the pond has germinated, grown and not being promptly sprayed with herbicide.	
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:	
Vegetation sprayed with herbicide. Spraying to be completed promptly if vegetation present.	
Was this non-compliance previously reported to DWER?	
<input checked="" type="checkbox"/> Yes, and	
<input checked="" type="checkbox"/> Reported to DWER verbally  DWER Inspection - Environmental Notice (01753)	Date: 19/11/2019
<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:	1.2.5	Date(s) of non-compliance:	20/11/2019
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Details of non-compliance:

No telemetry, secondary containment or automatic cut off in place on required pipelines.

DWER Inspection - Environmental Notice Issued (00909)

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 is expected to have occurred.

Cause (or suspected cause) of non-compliance:



## Section E – Details of non-compliance with licence condition

Originally installed infrastructure never had required controls.

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

Installing secondary containment for all pipelines.

Was this non-compliance previously reported to DWER?

☒ Yes, and

☒ Reported to DWER verbally

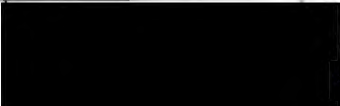

Date: 19/11/2019

DWER Inspection - Environmental Notice  
(00909)

☐ 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:	Approved Premise Design Capacity - 85	Date(s) of non-compliance:	31/12/2019
Details of non-compliance:			
<p>Sewage facility throughput exceeded approved design capacity of 52 m<sup>3</sup>/day. Actual throughput was 81 m<sup>3</sup>/day.</p> <p>DWER Inspection - Environmental Notice (01753)</p> <p>As per map previously provided.</p>			
What was the actual (or suspected) environmental impact of the non-compliance?			
<b>NOTE</b> – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
No environmental impact is expected.			
Cause (or suspected cause) of non-compliance:			
Increase in camp occupancy.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Licence Amendment application in progress and will be submitted by 31 <sup>st</sup> May 2020.			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, and			
<input checked="" type="checkbox"/> Reported to DWER verbally		Date: 20/11/2019	
DWER Inspection - Environmental Notice (01753)			
<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.			
I / We consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation's (DWER) website.			
Signature:		Signature:	
Name: (printed)		Name: (printed)	
Position:	OPERATIONS DIRECTOR	Position:	
Date:	29/3/2020	Date:	
Seal (if signing under seal):			