



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:	L8653/2012/2	Licence file number:	2012/003930
Licence holder name:	BHP Billiton Nickel West Pty Ltd		
Trading as:	Click here to enter text.		
ACN:	004184598		
Registered business address:	125 St Georges Terrace PERTH 6000		
Reporting period:	01/01/2020 to 31 /12 /2020		

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
31 Chemical Manufacturing	505,259.05 tonnes
39 Chemical or oil recycling	7,460,840.00 litres
44 Metal Smelting or refining	717,470.45 tonnes

52 Electricity power generation	48,920.33 MWh
87 Fuel burning	Low sulphur diesel 924,214.00 litres plus natural gas generation 276,029.25 GJ

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 44	Slag Produced 622,590.16 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:	W7(c)	Date(s) of non-compliance:	23/04/2020
Details of non-compliance:			
A split in the Brine Line joint resulted in 15 – 20 m ³ of brine liquor being released onto an operational dam access road.			
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.			
Potential impact zone was restricted to a 60m stretch of an internal site road running between the residue dam facility and the rail corridor. Map previously provided.			
Cause (or suspected cause) of non-compliance:			
A combination of wear and corrosion on one of the 'O' rings at the pipe's connection point, as well as a partial blockage in the line, caused enough back pressure to pop the 'O' ring out, resulting in the line separation.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Joiner section of Brine line was replaced with new components.			
An existing work order in the system to replace sections of the Brine Line was re-prioritised.			
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: 24 / 04 / 2020 (s72 Notification of Environmental Event Form)	

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:	A10(b)	Date(s) of non-compliance:	19th to 23rd Nov 2020
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Details of non-compliance:

Between the 19th and 23rd November 2020, the Kalgoorlie Nickel Smelter (KNS) did not receive data from its SODAR units.

The loss of data resulted in the KNS SODAR continuous monitoring reliability to fall below the required monthly rate of 90% for November 2020.

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 resulted.

All other monitoring inputs supporting the KNS Air Quality Control System were fully functional therefore eliminating any possibility of the operation influencing the air quality within the Kalgoorlie Environmental Protection Policy area during the time the SODAR units were offline.

Cause (or suspected cause) of non-compliance:

The loss of data was initially due to one SODAR unit not being returned to operational status post calibration checks undertaken by an engaged consultant, which coincided with the second ('backup') SODAR unit suffering a fault that required a replacement part to be sourced.

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

SODAR returned to operational status once switched on, with the second SODAR unit returned to operational status once replacement part sourced and fitted.

SODAR alarm warning to the Control Room Operator upgraded to remain detectable until manually overridden.

Was this non-compliance previously reported to DWER?

Yes, and

Reported to DWER verbally

Date: / /

Reported to DWER in writing

Date: 11 / 12 / 2020

(Monthly Meteorological Report November 2020)

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:	A7(a)	Date(s) of non-compliance:	18th to 30th June 2020
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Details of non-compliance:

Between the 18th and 30th of June the MEX Meteorological Station was only receiving wind speed and wind direction data intermittently.

The intermittent loss of data resulted in the MEX Meteorological Station continuous monitoring reliability to fall below the required monthly rate of 90% for June 2020.

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 resulted.

Cause (or suspected cause) of non-compliance:

The intermittent loss of data was initially down to a faulty sensor cable that was identified during a routine change out of instrumentation for calibration by the facility owner, Kalgoorlie Consolidated Gold Mines (KCGM).

The sensor cable was repaired but not correctly reinstated, resulting in the cable disconnecting during a subsequent inclement weather event.

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

Reinstatement of the sensor cable by the facility owner (KCGM).

Was this non-compliance previously reported to DWER?

Yes, and

Reported to DWER verbally

Date: / /

Reported to DWER in writing

Date: 14/07/2020
(Monthly KAMN Sulphur Dioxide Monitoring Report June 2020)

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:	A7(a)	Date(s) of non-compliance:	4th to 15th Dec 2020
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Details of non-compliance:

Between the 4th and 15th of December 2020 the MEX Meteorological Station (managed by Kalgoorlie Consolidated Gold Mines - KCGM) only received intermittent wind speed and wind direction data.

The intermittent loss of data resulted in the MEX Meteorological Station continuous monitoring reliability to fall marginally below the required monthly rate of 90% for December 2020.

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 resulted.

Cause (or suspected cause) of non-compliance:

The intermittent loss of data was down to a faulty wind sensor.

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

Faulty unit was replaced with a critical spare unit, by the facility owner (KCGM).

KCGM are now reviewing the suitability of alternate wind sensors for the MEX Meteorological Station.

Was this non-compliance previously reported to DWER?

Yes, and

<input type="checkbox"/> Reported to DWER verbally	Date: / /
<input checked="" type="checkbox"/> Reported to DWER in writing	Date: 14/01/2021 (Monthly KAMN Sulphur Dioxide Monitoring Report December 2020)

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:	General Manager Nickel West Kalgoorlie	Position:	
Date:	22/02/2021	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.