

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:	L5029/1992/11	Licence file number:	2015/002027-6
Licence holder name:	Northern Star (Kanowna) Pty Limited		
Trading as:	KANOWNA BELLE GOLD MINE		
ACN:	010 511 789		
Registered business address:	Kanowna Belle Gold Mine M27/18, 22, 23, 37, 49, 57, 92, 103, 122, 123, 127, 159, 164, 232, 245, 287, 420 and L27/87, 83, 62 KALGOORLIE WA 6430		
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)
<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
5	2,001,134 tonnes
6	320,760 kL
44	39,413 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
5	2,001,134 tonnes
6	320,760 tonnes

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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:	5.1.2	Date(s) of non-compliance:	2020
Details of non-compliance:			
AS 3580.1.1:2016 - Methods for sampling and analysis of ambient air (section 7.2 and 8). SO2 monitoring sites located at KCY and WFY are near vegetation and large buildings to the sampling inlets.			
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 actual or suspected environmental impact. The physical constraints of infrastructure and surrounding vegetation are not likely to impact the measured SO2 concentrations. See map attached in Figure 1.			
Cause (or suspected cause) of non-compliance:			
Physical constraints of infrastructure and surrounding vegetation since commissioning of the KAMN represent inherent limitations of the selected monitoring sites. Re-positioning the monitoring sites is not considered a viable option given the power and access limitations and characteristics of these locations (i.e., within light industrial areas and regional bushland). It should be noted that NSR does not have land or tenure rights at the locations in which the monitoring stations are sited.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Consult with DWER regarding inherent limitations associated with the locations of some of the monitoring sites and develop action plan to address non-compliance.			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, reported in 2019 AACR			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 31/03/2020	

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:	5.3.1	Date(s) of non-compliance:	2020
Details of non-compliance:			
AS 3580.14:2014 – Method for sampling and analysis of ambient Meteorological monitoring for ambient air quality applications (section 2.4 – Table 3, 2.6.1, 3.5.1, 3.5.2.2 and 3.5.2.3). Location of the meteorological monitoring equipment at MEX due to presence of large trees and neighbouring residences.			
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 actual or suspected environmental impact. The proximity of the trees is not considered likely to significantly influence the measured wind speed and direction at the site. See map attached in Figure 1.			
Cause (or suspected cause) of non-compliance:			
A tree approximately 6m tall is located within 8m of the MEX meteorological monitoring tower. However, the Standard also notes that porous structures such as trees are not likely to have as strong effect on wind flow as a building or other obstruction, and as such the proximity of the tree is not considered likely to significantly influence the measured wind speed and direction at the site. It should be noted that NSR does not have land or tenure rights at the locations in which the monitoring stations are sited.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Consult with DWER regarding inherent limitations associated with the MEX monitoring site and develop action plan to address non-compliance. Consideration will be given to the siting limitations when assessing the data at MEX, particularly in the event of atypical results.			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, reported in 2019 AACR			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 31/03/2020	

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:	5.3.1	Date(s) of non-compliance:	18 th to 30 th June 2020
Details of non-compliance:			
Between the 18th and 30th of June 2020 the MEX Meteorological Station was receiving wind speed and wind direction data intermittently. The intermittent loss of data has resulted in the MEX Meteorological Station continuous monitoring reliability to fall below the required overall monthly rate of 90%.			
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 actual or suspected environmental impact. See map attached in Figure 1.			
Cause (or suspected cause) of non-compliance:			
The intermittent loss of data was due to a faulty sensor cable that was identified during routine calibration.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Faulty sensor cable was replaced. Continuous monitoring resumed.			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, reported in KAMN Sulphur Dioxide Monitoring Report – June 2020			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 14/07/2020	

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:	4.2.3	Date(s) of non-compliance:	25 th February 2020
Details of non-compliance:			
The Quarter 4 2019 Stack Compliance Testing Results report was submitted later than the prescribed 56 calendar days (after end of the reporting period), as per Table 4.2.2: Non-annual reporting requirements.			
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 actual or suspected environmental impact.			
Cause (or suspected cause) of non-compliance:			
Administrative error.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Report submitted as soon as the error was identified (25 th March 2020).			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<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:	3.5.1	Date(s) of non-compliance:	2020
Details of non-compliance:			
Standing water level measurements and water quality samples were not taken at groundwater monitoring bore WBH3D due to a suspected collapse/blockage in the bore.			
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 actual or suspected environmental impact. Multiple monitoring bores at the site and groundwater is well represented (see <i>Waldon In-pit TSF monitoring bores</i> map).			
Cause (or suspected cause) of non-compliance:			
Bore collapse/blockage			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
NSR will seek to amend this Licence condition with a view to removing the monitoring requirements for bore WBH3D.			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, reported in Quarterly Groundwater Reports and 2019 AACR			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: Q1 - 27/02/2020; Q2 - 29/05/2020; Q3 - 26/08/2020; Q4 - 26/11/2020; 2019 AACR - 31/03/20	

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:	3.5.1	Date(s) of non-compliance:	April & October 2020
Details of non-compliance:			
Biannual water quality samples were not taken at groundwater monitoring bore CONBH2 due to a suspected collapse/blockage in the bore.			
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 actual or suspected environmental impact. Multiple monitoring bores at the site and groundwater is well represented (see <i>BLC-Consols monitoring bores</i> map).			
Cause (or suspected cause) of non-compliance:			
Bore collapse/blockage.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
NSR will seek to amend this Licence condition with a view to removing the monitoring requirements for bore CONBH2.			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, reported in Quarterly Groundwater Reports.			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: Q1 - 27/02/2020; Q2 - 29/05/2020; Q3 - 26/08/2020; Q4 - 26/11/2020	

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:	3.5.1	Date(s) of non-compliance:	November 2020
Details of non-compliance:			
Standing water level measurements and water quality samples were not taken at groundwater monitoring bore GWMB15D due to damage to the bore headworks and surface casing.			
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 actual or suspected environmental impact. Multiple monitoring bores at the site and groundwater is well represented (see <i>TSF 1-2 monitoring bores map</i>).			
Cause (or suspected cause) of non-compliance:			
An operational incident at the monitoring bore site resulted in damage to the bore headworks and surface casing.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
GWMB15D headworks and surface casing repaired; Standing water level measurements and water quality sampling resumed.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes reported in Quarter 1 2021 Groundwater Report			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: 23/02/2021	

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 ¹ .			
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:	23/03/2021	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.