

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:	01/01/2019 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: <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	2,092,072 tonnes
6	365,226 kL
44	29,868 tonnes

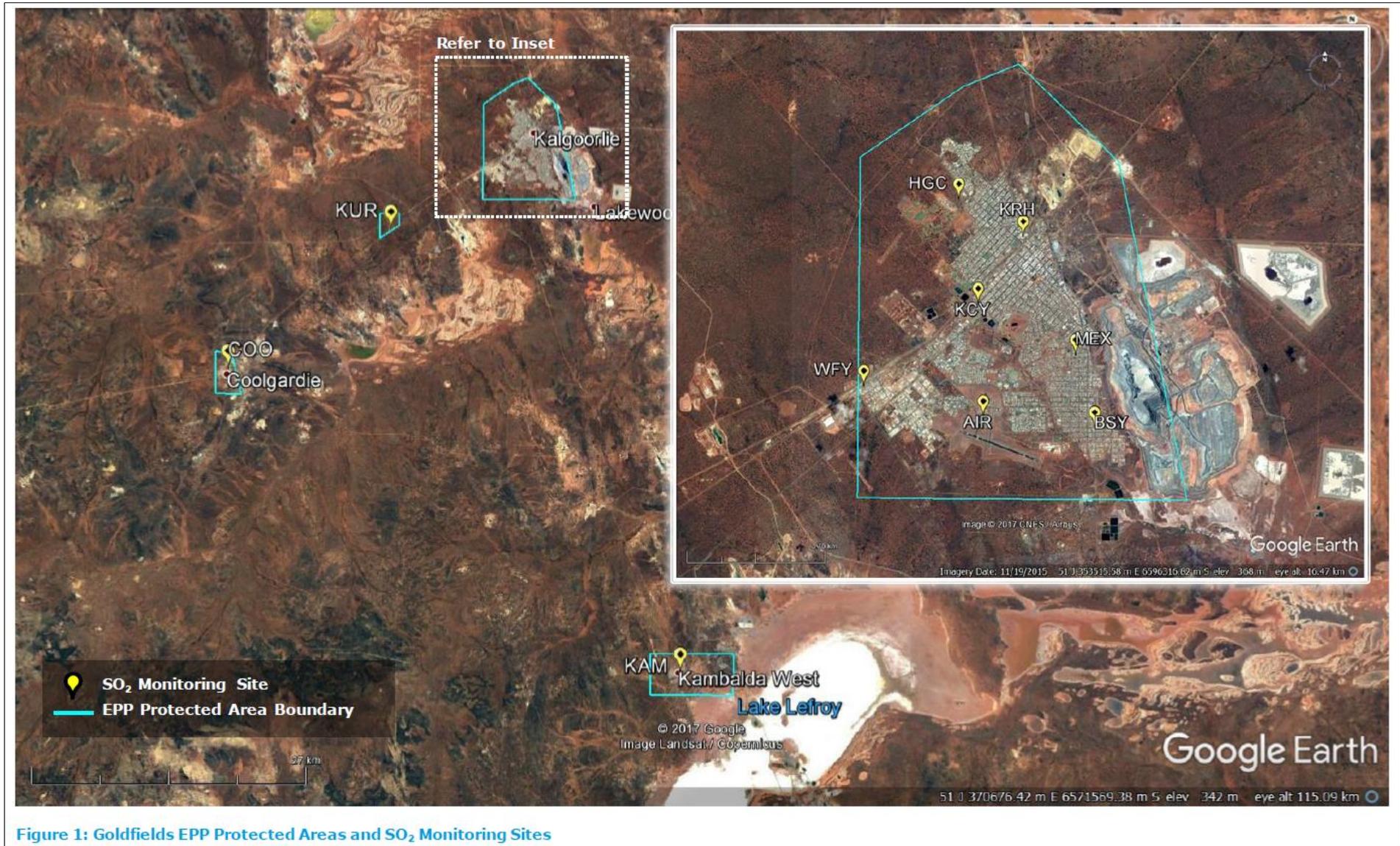
Section D – Statement of actual Part 2 waste discharge quantity	
Provide the actual Part 2 waste discharge quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed premises category	Actual Part 2 waste discharge quantity
5	2,092,072
6	365,224 tonnes

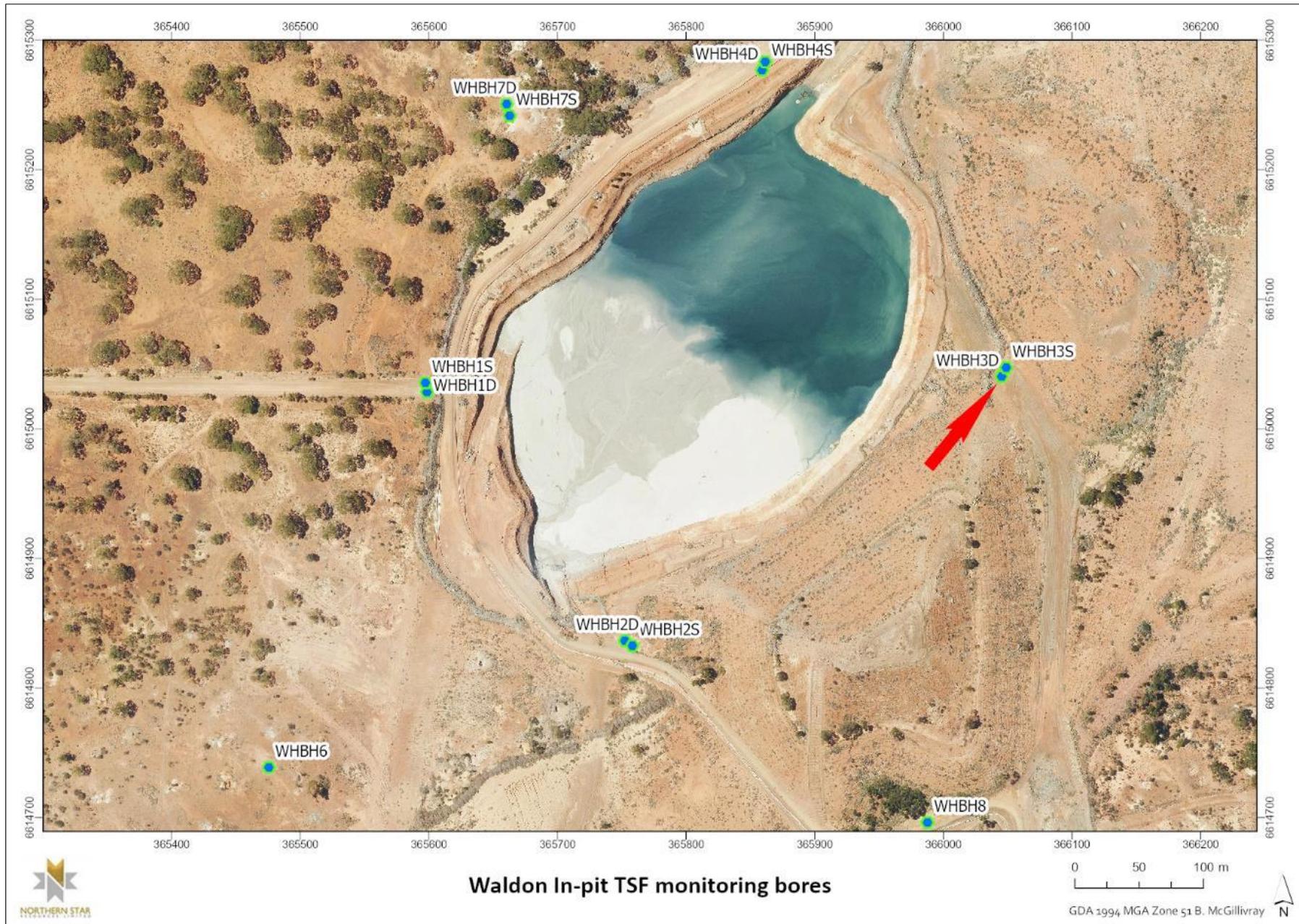
Section E – Details of non-compliance with licence condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:	5.1.2	Date(s) of non-compliance:	2019
Details of non-compliance:			
AS 3580.1.1:2016 - 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 is 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 2018 AACR			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 29/03/2019	

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:	2019
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 2018 AACR			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 29/03/2019	

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:	July – December 2019
Details of non-compliance:			
Monthly standing water level measurements (July to December) and quarterly water quality samples (July & October) were not taken at groundwater monitoring bore WBH3D due to a 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 blockage / failure.			
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'			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 20/08/2019 & 25/11/2019	

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:	December 2019
Details of non-compliance:			
In December 2019 the tailings surface elevation of Waldon In-pit TSF was measured at 365.42 mAHD, which is marginally above the Licence limit of 365 mAHD.			
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 <i>Waldon In-pit TSF monitoring bores map</i>).			
Cause (or suspected cause) of non-compliance:			
Operational misjudgment / error.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
All process/tailings discharge to Waldon In-pit TSF ceased in September 2019, when the survey elevation was recorded as 364.86 mAHD, and additional tailings storage capacity remained. The surveyed measurement in December 2019 was only marginally above the Licence limit. NSR will seek to amend this Licence condition with a view to increasing the limit to allow the full capacity of the pit to be utilised.			
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 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:	General Manager – Kalgoorlie Operations	Position:	
Date:	31/03/2020	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.