



PUBLIC REPORT TEMPLATE 2011

Please note that this template has been updated based on feedback from a number of Corporations during the recent review of regulations. It is not compulsory for you to use this Public Report template. You may wish to continue to use the previous template, or you may report in another format of your choice. Either is acceptable provided you report all the information required by the EEO Act and Regulations.

There is an explanatory document at pages 5-14 of this template that fully explains how to complete it. There is also some targeted guidance on the template itself.

Part 1 - Corporation Details

Controlling Corporation

Period to which this report relates

Insert the name of the Controlling Corporation exactly as it is registered with the EEO Program. The period to which the report relates is the total period of participation up to 30 June prior to when the report is due.

Straits Resources Limited From 1 July 2006 To 30 June 2011

Table 1.1 - Major Changes to Corporate Group Structure or Operations

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At the time of the original ARS, the corporate group comprised 3 wholly owned subsidiaries. Only one site in Australia is now operated by Straits Resources. This public report contains details pertaining to the Tritton site only.

- Straits (Whim Creek) Pty Ltd closed in 2009, sold in 2010
- Straits Hillgrove Gold Pty Ltd care and maintenance from August 2009.
- Tritton Resources Ltd currently in operation.

Table 1.2 – Aggregate energy assessed covered in this report

Total energy use covered by all assessments in this report	410,525	GJ
Total energy assessed as percentage of total energy use of the corporate group*#	99%	%

* If this report covers only part of the corporate group, than the percentage should be computed on the total energy use for that part of the group covered in this report

Please note that corporations are required to assess 80% or more of their energy use in the first five-year assessment cycle and 90% or more in subsequent five-year assessment cycles. Accordingly, for those corporations with a 2005-06 trigger year (i.e. those corporations at the end of their first-five year assessment cycle), the value in "Percentage of corporation's energy use assessed" above, must be more than 80%.



Declaration

Declaration of accuracy and compliance

The information included in this report has been reviewed and noted by the board of directors and is to the best of my knowledge, correct and in accordance with the *Energy Efficiency Opportunities Act 2006* and *Energy Efficiency Opportunities Regulations 2006*.

Milan Jerkovic
Chief Executive Officer

Date 27th December 2011

Part 2 - Assessment Outcomes

Table 2.1 – Assessment Details

It is compulsory to complete a separate table for each group member, business unit, or key activity that has been assessed

Name of group member or business unit or key activity	Tritton Resources Limited		
Total energy use in the last financial year	410,525		GJ
Energy use assessed in this entity as a percentage of total entity energy use*	100%		%
Energy use assessed in this entity as a percentage of total corporate energy use	99%		%
Accuracy of above estimates related to energy use assessed - <u>only required if not ±5% or better</u>			%
Period over which assessment was undertaken		January 2008	June 2008
Description of the way in which the entity carried out its assessment	<p>An assessment was conducted at the Straits Tritton Copper Mine facility in April 2008 by a consultant (GHD).</p> <p>The assessment included development of energy-mass flow diagrams, analysis of energy use and KPI data, and review of energy performance of the main unit processes. The assessment report identified 6 opportunities – 4 energy efficiency opportunities, and 2 opportunities to reduce energy costs.</p> <p>This report was reviewed by Straits Resources corporate and site personnel to determine which of the recommendations would be implemented. The 4 EEO opportunities were evaluated to have a payback period of less than 2 years, and have been implemented.</p> <p>The major initiatives to come out of the assessment were changes to the operating practices in the energy intensive grinding circuit to ensure that the grinding mills were always operated at maximum capacity whenever there was sufficient ore available, and an increase in the target product size to reduce the unit energy requirement while still maintaining final concentrate grade.</p> <p>The Straits Whim Creek site was initially scheduled for a detailed assessment in 2010, however it was closed in 2009, and the site sold to a third party in 2010.</p> <p>Straits Hillgrove Gold Mine was scheduled for an assessment in late 2008, however this was initially delayed due to a delay in completion and commissioning of the new process plant. The assessment was further delayed when the site was placed on care and maintenance in August 2009 and has not been operated since then.</p>		

* Please note that, for individual sites that use more than 0.5PJ of energy, all energy use must be assessed (less a small proportion for non integral energy use).

Table 2.2 - Energy efficiency opportunities identified in the assessment

It is compulsory to complete a separate table for each group member, business unit, or key activity that has been assessed

Table 2.2 – Energy efficiency opportunities identified in the assessment									
Status of opportunities identified to an accuracy of better than or equal to ±30%		Total Number of opportunities	Estimated energy savings per annum by payback period (GJ)						Total estimated energy savings per annum (GJ)
			0 – < 2 years		2 – ≤ 4 years		> 4 years		
			No of Opps	GJ	No of Opps	GJ	No of Opps	GJ	
Business Response	Implemented	4	4	20,100					20,100
	Implementation Commenced								
	To be Implemented								
	Under Investigation								
	Not to be Implemented	2	2						
Outcomes of assessment	Total Identified	6	6	20,100					20,100
Status of opportunities identified to an accuracy of worse than ±30%									
Business Response	Implemented								
	Implementation Commenced								
	To be Implemented								
	Under Investigation								
	Not to be Implemented								
Outcomes of assessment	Total Identified								

Please note that Corporate Groups **are not required** to report opportunities with a payback greater than 4 years. Reporting this data is voluntary.

Table 2.3 - Details of significant opportunities identified in the assessment

Corporate Groups are required to provide at least 3 examples of significant opportunities for improving the energy efficiency of the group that have been identified in assessments.

Description of Opportunity	Voluntary Information	
Maximising loading of the SAG mill	Business Response	Implemented
	Energy saved (GJ)	4,500
	Greenhouse gas abated (CO ₂ -e)	1,125 tCO ₂ e
	\$s saved	\$81,000
	Payback period	<2 years

Description of Opportunity	Voluntary Information	
Optimum grind size	Business Response	Implemented
	Energy saved (GJ)	14,500
	Greenhouse gas abated (CO ₂ -e)	3,625 tCO ₂ e
	\$s saved	\$261,000
	Payback period	<2 years

Description of Opportunity	Voluntary Information	
Pump maintenance	Business Response	Implemented
	Energy saved (GJ)	600
	Greenhouse gas abated (CO ₂ -e)	150 tCO ₂ e
	\$s saved	\$10,800
	Payback period	<2 years

Please note that the "Description of the Opportunity" above should include information on the specific nature and type of opportunity, as well as information on the type of equipment and/or process involved.