



MEMORANDUM

TO Mike Carter, Penrice

DATE 31 October 2008

CC

FROM Alex Blood

DOCUMENT No. 087661002 024

ANGASTON MINE MARP: PIRSA REPORTING REQUIREMENT SUMMARY

The following memo provides an outline of the private mine reporting requirements, as per the SA *Mining Regulations 1998* and the MARP PIRSA Guidelines, for incorporation by Penrice into a submission letter for PIRSA. It is understood this will be submitted with the Angaston Mine MARP.

Table 1 provides cross-references to the location of the required information within the Penrice Angaston Mine Penrice MARP (document reference 087661002 023).

Table 1: MARP

Document Requirements (per PIRSA Regulatory Guideline No.2 Revision 4.8 and Draft Guidelines for Mining Operation Plan Guidelines Version 3.1)	ML6233 & MPL75 (MARP)	Section Reference
Title Page:	✓	Title Page
Mineral Claim number of Tenement names and number(s) of the mine	✓	Title Page
Name/s of the applicant or mine owner & Mine Operator and contact person	✓	Title Page
Name of the mining operation	✓	Title Page
Commodity to be mined	✓	Title Page
Date of preparation of document	✓	Title Page
Table of Contents:	✓	p. ii
The contents of all volumes showing section headings	✓	✓
All figures, tables, plates, plans, maps and their sequential numbers and scales	✓	✓
All appendices (with meaningful titles, including sub-appendices if any). If an appendix contains a collation of data (eg drillhole logs) then a summary of the contents of the appendix must be included	✓	✓
Digital files submitted with the report should be listed with their name, file size and file type in the table of contents	✓	n/a
Each subsequent volume to the first must have its own volume contents list	✓	n/a
Introduction/ Executive summary	✓	1.0 / p. i
A general description of the project or mine	✓	1.1
Summary of the land and environment description	✓	1.2
Summary of existing operations	✓	1.3
Summary of proposed operations	✓	1.5
Key environmental impacts and management strategies	✓	Table 1



MEMORANDUM

Document Requirements (per PIRSA Regulatory Guideline No.2 Revision 4.8 and Draft Guidelines for Mining Operation Plan Guidelines Version 3.1)	ML6233 & MPL75 (MARP)	Section Reference
Proposed post mine land use	✓	1.5
Mine closure and rehabilitation strategies	✓	1.6
Mine details	✓	2.0
Mineral Claim number or Tenement type (ML, MPL) and number(s) and other existing associated tenements	✓	2.2
Name of the mining operation (eg "XYZ Mine")	✓	2.1
Location of the proposed operation; direction and distance from the nearest town	✓	2.1
Land Tenure (Freehold title/Perpetual lease/Pastoral lease/Crown land, Native Title owner or claimant group, easements, other mining tenements). Quote relevant Certificate of Land Title etc.	✓	2.3
Name/s of the (proposed) Mine owner & Mine Operator and contact person address, contact numbers: phone, fax, mobile numbers	✓	2.4
District Council/Corporation	✓	2.2
Description of the environment	✓	3.0
Local community	✓	3.1
Land use	✓	3.2
Proximity to housing and infrastructure	✓	3.3
Amenity	✓	3.4
Noise, dust and air quality	✓	3.5
Topography and landscape	✓	3.6
Climate	✓	3.7
Geohazards	✓	3.8
Hydrology	✓	3.9
Groundwater	✓	3.10
Vegetation, weeds and plant pathogens	✓	3.11
Fauna	✓	3.12, 3.13
Topsoil and subsoil	✓	3.14
Heritage	✓	3.15
Proximity to conservation areas	If applicable	3.16
Pre-existing site contamination and disturbance	✓	3.17
Description of the operation	✓	4.0
General description	✓	4.1
Ore reserves and market	✓	4.2
Geological environment	✓	4.2.1
Material to be recovered	n/a	4.2.2
Reserves and resources	✓	4.2.2
Market	✓	4.2.3
Estimate of reserves	n/a	4.2.2
Production	n/a	4.3.2
Mining Operations	✓	4.3
Type or types of mining operation to be carried out	✓	4.3.1



MEMORANDUM

Document Requirements (per PIRSA Regulatory Guideline No.2 Revision 4.8 and Draft Guidelines for Mining Operation Plan Guidelines Version 3.1)	ML6233 & MPL75 (MARP)	Section Reference
Sequence of operation	✓	4.3.2
Modes and hours of operation	✓	4.3.3
Use/storage of explosives	If applicable	4.3.4
Type of equipment	✓	4.3.5
Ore Haulage and stockpiles	✓	4.4
Stockpiles	✓	4.4.1
Modes and hours of operation	✓	4.4.2
Type of equipment	✓	4.3.5
Crushing and Processing	✓	4.5
Crushing Plant	✓	4.5.1, 4.5.2
Processing Plant	✓	4.5.3, 4.5.4
Modes and hours of operation	✓	4.5.5
Type of equipment	✓	4.5.6
Wastes	✓	4.6
Overburden	✓	4.6.2
Mine Wastes	✓	4.6.1
Processing wastes	✓	4.6.3
Industrial and Domestic Waste	✓	4.6.6
Silt Control and drainage	✓	4.6.5
Supporting surface infrastructure	✓	4.7
Access	✓	4.7.1
Accommodation and offices	✓	4.7.2
Public roads, services and utilities to be used	✓	4.7.3
Visual screening and site security	✓	4.7.4
Resource Inputs	✓	4.8
Workforce	✓	4.8.1
Energy sources	✓	4.8.2
Water sources	✓	4.8.3
Results of Stakeholder consultation	✓	5.0
<i>For each stakeholder consulted:</i>		
Name of stakeholder or group	✓	5.1
Type of stakeholder (resident, council etc)	✓	5.1
Issues raised	✓	5.2, 5.3
Response	✓	5.2, 5.3
Environmental, social and economic aspects	✓	6.0
<i>For each Environmental, Social or Economic aspect:</i>		
Context & stakeholder views	✓	5.0
Applicable legislation or standards	✓	Appendix O
Potential impact events	✓	6.2
Control and management strategies	✓	6.2
Likelihood and severity of consequence, risk	✓	6.1, Appendix N
Risk acceptance	✓	6.2, Appendix N



MEMORANDUM

Document Requirements (per PIRSA Regulatory Guideline No.2 Revision 4.8 and Draft Guidelines for Mining Operation Plan Guidelines Version 3.1)	ML6233 & MPL75 (MARP)	Section Reference
Outcomes	✓	6.2
Outcome measurement criteria	✓	6.2
Leading Indicator criteria	✓	6.2, Appendix N
Company compliance monitoring plan	✓	6.3
Ongoing Community Engagement Plan	✓	6.4
Mine closure and rehabilitation plan	✓	7.0
Baseline Data and context	✓	7.1
Stakeholder Involvement and issues (inclusive of identification)	✓	7.2
<i>For each closure domain:</i>		
Scope of domain	✓	7.3
Potential environmental and social impacts of closure	✓	7.5
General Standards	✓	7.4
Closure Outcomes and criteria	✓	7.6
Sustainable closure strategy	✓	7.7
Closure Plan maps and sections	✓	7.8
Residual Risk Assessment	✓	7.9
Closure Cost estimate (spreadsheet model)	✓	7.10
Contingency provision	✓	7.10
Provision for funding of rehabilitation	✓	7.10
Mine Closure schedule	✓	7.11
Mine completion plan	n/a	1.6, 7.0
Description of mine site at completion	n/a	1.6
Completion risk assessment	n/a	7.9
Completion Criteria	n/a	7.8
Action to be taken in the event of an emergency	n/a	6.2.18
Objectives and measurement criteria in the event of an emergency situation	n/a	6.2.18
Procedures in the event of an environmentally significant incident	n/a	6.2.18
Environmentally significant incidents	n/a	6.2.18
Response procedures	n/a	6.2.18
Management capability	✓	8.0
Management commitment	✓	8.1
Procedures	✓	8.2
Risk management	✓	8.3
Compliance monitoring	✓	8.4
Non-compliance response plans	✓	8.5
System review	✓	8.6
Employee Induction training and supervision	✓	8.8
Structure, responsibility and resources	✓	8.9
Previous experience	✓	8.10
Lease conditions	✓	8.11



MEMORANDUM

Document Requirements (per PIRSA Regulatory Guideline No.2 Revision 4.8 and Draft Guidelines for Mining Operation Plan Guidelines Version 3.1)	ML6233 & MPL75 (MARP)	Section Reference
References	✓	9.0
Appendices	✓	✓

J:\Mining\2008\087661002 Penrice\Correspondence_OUT\087661002 024 M MOP Rpt CrossReference.doc