



Ass # 798

Bull # 710

State # 331

WESTERN AUSTRALIA

MINISTER FOR THE ENVIRONMENT

**STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED
(PURSUANT TO THE PROVISIONS OF THE
ENVIRONMENTAL PROTECTION ACT 1986)**

**GOLD ROASTER TO TREAT REFRACTORY ORE, KANOWNA BELLE
MINE, STAGE 2, 18KM NORTH-EAST OF KALGOORLIE (798)**

PEKO GOLD LTD

1. Proponents' Commitments

The proponent has made a number of environmental management commitments in order to protect the environment.

- 1-1 In implementing the proposal, the proponent shall fulfil the commitments (which are not inconsistent with the conditions or procedures contained in this statement) made in the Consultative Environmental Review and included in the Environmental Protection Authority's Bulletin 710. (copy attached)

2. Implementation

Changes to the proposal which are not substantial may be carried out with the approval of the Minister for the Environment.

- 2-1 Subject to these conditions, the manner of detailed implementation of the proposal shall conform in substance with that set out in any designs, specifications, plans or other technical material submitted by the proponent to the Environmental Protection Authority with the proposal. Where, in the course of that detailed implementation, the proponent seeks to change those designs, specifications, plans or other technical material in any way that the Minister for the Environment determines on the advice of the Environmental Protection Authority, is not substantial, those changes may be effected.

3. Proponent

These conditions legally apply to the nominated proponent.

- 3-1 No transfer of ownership, control or management of the project which would give rise to a need for the replacement of the proponent shall take place until the Minister for the Environment has advised the proponent that approval has been given for the nomination of a replacement proponent. Any request for the exercise of that power of the Minister shall be accompanied by a copy of this statement endorsed with an undertaking by the proposed replacement proponent to carry out the project in accordance with the conditions and procedures set out in the statement.

4. Sulphur dioxide Environmental Protection Policy

The Environmental Protection Authority recommends that the requirements of Environmental Protection (Goldfields Residential Areas) (Sulphur Dioxide) Policy 1992 or as amended, be applied to this project. The sulphur dioxide Policy 1992 establishes two objectives for air quality. The first objective is for a limit (1400 micrograms per cubic metre). The limit specifies the sulphur dioxide concentration which is not to be exceeded at any time. The second objective is for a standard (700 micrograms per cubic metre in 1997). The standard is the sulphur dioxide concentration which it is desirable not to exceed.

Published on

- 7 DEC 1993

5. Sulphur dioxide control strategy

The proponent shall develop and when approved implement a sulphur dioxide control strategy for this proposal to meet the requirements of the Environmental Protection Authority. This strategy shall be designed and managed to ensure the proposed roaster never causes or significantly contributes to an exceedence of Standard specified in the Environmental Protection (Goldfields Residential Areas) (Sulphur Dioxide) Policy.

6. Time Limit on Approval

The environmental approval for this proposal is limited.

- 6-1 If the proponent has not substantially commenced the project within five years of the date of this statement, then the approval to implement the proposal as granted in this statement shall lapse and be void. The Minister for the Environment shall determine any question as to whether the project has been substantially commenced. Any application to extend the period of five years referred to in this condition shall be made before the expiration of that period, to the Minister for the Environment by way of a request for a change in the condition under Section 46 of the Environmental Protection Act. (On expiration of the five year period, further consideration of the proposal can only occur following a new referral to the Environmental Protection Authority.)

Procedure

1. The Environmental Protection Authority is responsible for verifying compliance with the conditions contained in this statement, with the exception of conditions stating that the proponent shall meet the requirements of either the Minister for the Environment or any other government agency.
2. If the Environmental Protection Authority, other government agency or proponent is in dispute concerning compliance with the conditions contained in this statement, that dispute will be determined by the Minister for the Environment.
3. The proponent shall apply for a Works Approval and subsequent Licence for the construction and operation of Stage 2 of this project. Stage 1 of this project is already subject to Licence Conditions and the Environmental Protection Authority will monitor and require the ongoing environmental performance of this proposal through this mechanism.
4. The Licence Conditions set on this project will include the development of a vegetation monitoring programme that considers both the local and regional context of this issue. The management of the arsenic trioxide waste and surface and ground water issues will occur in consultation with the Health Department of Western Australia, Department of Minerals and Energy and Water Authority of WA.

Kevin Minson MLA
MINISTER FOR THE ENVIRONMENT

7 DEC 1993

PROPONENT'S COMMITMENTS

**GOLD ROASTER TO TREAT REFRACTORY ORE,
KANOWNA BELLE MINE, STAGE 2, 18KM
NORTH-EAST OF KALGOORLIE (798)**

PEKO GOLD LTD

A copy of environmental commitments proposed to be undertaken by the proponent is attached.

Attachment 1

Peko Gold Ltd's list of environmental management commitments

The major commitments to environmental management for the operation of a gold roaster at Kanowna Belle are as follows:

1. The proponent will instal a sulphur dioxide monitor at the mine site. This monitor will be linked to the current monitoring system in Kalgoorlie-Boulder.
2. An air quality management system will be developed and installed as part of operational procedure for the roaster. The system will be centred on an impact predictive capability, and will include:
 - (i) a sulphur dioxide monitoring network in Kalgoorlie-Boulder;
 - (ii) telecommunications link from the mine to the central data processing facility;
 - (iii) an on-site weather station;
 - (iv) plume monitoring and tracking capability; and
 - (v) a shut-down procedure based on wind velocity and direction.

The air quality management programme will be developed during the Stage II construction phase.

3. A vegetation monitoring programme will be implemented to assess the effects of sulphur dioxide on plant health.
4. A groundwater monitoring system will be installed and a programme carried out to monitor changes in groundwater quality.
5. Monitoring programmes will be put in place when works become available and prior to the commencement of roaster operations.
6. An Environmental Management Programme, containing these commitments will be designed and carried out by the proponent in consultation with the Mines Department to the satisfaction of the EPA.