

APPENDICES

With the Advisory Review of the Environmental
Management Plan (EMP) for operation of the Temane
Well-sites, Flowlines, Access Roads and a SASOL
Petroleum Temane (SPT) Plant
- Mozambique -

(Appendices 1 & 2)

APPENDIX 1

Letter from MICOA with official request for reviewing the EMP



REPÚBLICA DE MOÇAMBIQUE

MINISTÉRIO PARA A COORDENAÇÃO DA ACÇÃO AMBIENTAL
DIRECÇÃO NACIONAL DE AVALIAÇÃO DO IMPACTO AMBIENTAL

To
NCEIA
Att: Mr. Reinould Post
Maputo

Sua referência
29/12/03

Sua comunicação

Nossa referência

Data:

Nº / DNAIA/GDN/03

Subject : Assistance to review the EMP and prepare the Licencing conditions for the SASOL gas treatment Plant

Dear Sir,

Based on our cooperation programme for the year 2004, I would like to propose your assistance to review the EMP and work out the licencing conditions for the SASOL gas project (treatment plant and pipeline). The revision should concentrate on the wast, gases and effluent management. The revision should be finalised until the third week of february.

Yours Sincerely,

Felicidade Munguambe

National Director

APPENDIX 2

Project Information

Proposed Activity:

In October 2000, Sasol Petroleum Temane Limitada (SASOL), Empresa Nacional de Hidrocarbonetos de Moçambique, E.P. (ENH), Companhia Moçambicana de Hidrocarbonetos S.A.R.L. (CMH) and the government of Mozambique signed a Petroleum Production Agreement for the production and processing of the Temane and Pande gas fields in Inhambane Province, Mozambique. The gas produced will be exported to Secunda in South Africa via an underground pipeline.

In Mozambique, the project develops the following activities:

- exploration activities over the life span of operations;
- development of a network of wells and flow lines in both gas fields;
- construction and operation of a Natural Gas Plant (STP) for cleaning and drying of the gas;
- construction and operation of a pipeline system to transport the gas to Maputo and Secunda.

Environmental Impact Statements have been produced for the various components of the project. These EISs have been submitted to MICOA for review and approval. In January the Ministry for the Co-ordination of Environmental Affairs in Mozambique (MICOA) provided a temporary licence for the project components.

Specific and separate Environmental Management Plans (EMP) will govern environmental management of the various components. The final draft of the EMP for the STP plant, associated well sites, flow lines and access road infrastructure has now been submitted to MICOA for review. MICOA has asked the Netherlands Commission for EIA to assist MICOA in reviewing the EMPs and in formulating license conditions.

Categories: DAC-CRS codes: 32262 Oil and Gas

Project numbers: Netherlands Commission for EIA 053

Procedural information:

Request from the Ministry for the Co-ordination of Environmental Affairs (MICOA):	29 December 2003
Formal request in NLS:	28 January 2004
Draft Advisory Review submitted to MICOA:	27 February 2004
Final Advisory Review submitted to MICOA:	27 May 2004

Significant details:

The NCEIA formulated suggestions for licensing conditions on:

- gas composition monitoring (specifically on Mercury);
- on monitoring of production water quantity;
- flue gases handling of the TEG regenerator;
- the use of low NO_x technology and NO_x monitoring;
- a VOC emission monitoring and reduction programme;
- incinerator emission compliance to EU Directive 2000/76/EG and incinerator maintenance;
- effluent management;
- Condensate management (avoid open burning of condensate);
- Waste management (integrated assessment of waste streams).

Members of the working group:

Mr. Klaas Jan Beek (Chairman)

Mr. Wim G. Been – EMP, Gaseous and Liquid Emissions

Mr. Jan Böhm – Solid Waste Aspects, Gas Treatment

Secretary of the working group: Mr. Reinoud A.M. Post