



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

NAME OF APPLICANT: MONAFA TRADING CC

REFERENCE NUMBER: NC30/5/1/1/2/10120 PR

ENVIRONMENTAL MANAGEMENT PLAN

**SUBMITTED
IN TERMS OF SECTION 39 AND OF REGULATION
52 OF THE MINERAL AND PETROLEUM
RESOURCES DEVELOPMENT ACT, 2002,
(ACT NO. 28 OF 2002) (the Act)**

STANDARD DIRECTIVE

Applicants for prospecting rights or mining permits, are herewith, in terms of the provisions of Section 29 (a) and in terms of section 39 (5) of the Mineral and Petroleum Resources Development Act, directed to submit an Environmental Management Plan strictly in accordance with the subject headings herein, and to compile the content according to all the sub items to the said subject headings referred to in the guideline published on the Departments website, within 60 days of notification by the Regional Manager of the acceptance of such application. This document comprises the standard format provided by the Department in terms of Regulation 52 (2), and the standard environmental management plan which was in use prior to the year 2011, will no longer be accepted.

IDENTIFICATION OF THE APPLICATION IN RESPECT OF WHICH THE ENVIRONMENTAL MANAGEMENT PLAN IS SUBMITTED.

ITEM	COMPANY CONTACT DETAILS
Name	Monafa Trading cc
Tel no	011 402 2812
Fax no:	011 312 9768
Cellular no	071 892 0558
E-mail address	kgomotso@inclusivediamond.com
Postal address	10th Floor Hallmark Towers, 54 Siemert Road, Doornfontein, Gauteng

ITEM	CONSULTANT CONTACT DETAILS (If applicable)
Name	UGWA CONSULTING SERVICES
Tel no	011 312 9765
Fax no:	011 312 9768
Cellular no	0826773705
E-mail address	Simon @ugwa.co.za
Postal address	<u>P.O. BOX 4077, HALFWAY HOUSE, 1685</u>

1 REGULATION 52 (2): Description of the environment likely to be affected by the proposed prospecting or mining operation

1.1 The environment on site relative to the environment in the surrounding area.

Possible crops during the clearing of vegetation to make way for the trucks.

There is a stream that cuts across the farm

1.2 The specific environmental features on the site applied for which may require protection, remediation, management or avoidance.

Soil on site need protection on contaminated with oil leakage from drilling truck and other machinery to be used. Care needs to be practised during the removal or vegetation clearance for access road

to the drilling points, Water sources like wetlands, rivers, old buildings need protection.

Water on the stream to prevent pollution

- 1.3** Map showing the spatial locality of all environmental, cultural/heritage and current land use features identified on site.

Map to be attached

- 1.4** Confirmation that the description of the environment has been compiled with the participation of the community, the landowner and interested and affected parties,

Consultation with landowner is on its peak, letters, E-mails as well as telephone conversation will serve as the basis of the EMP. This was done by asking about the land use before going on site, in case of game farm and you find that there is big five. These proves that landowner has participated in that matter.

- 2** REGULATION 52 (2) (b): Assessment of the potential impacts of the proposed prospecting or mining operation on the environment, socio-economic conditions and cultural heritage.

- 2.1** Description of the proposed prospecting or mining operation.

- 2.1.1** The main prospecting activities (e.g. access roads, topsoil storage sites and any other basic prospecting design features)

Desktop studies, site visit were walking and recording of field data takes place, topsoil stock pile in scenarios where the will be adverse environmental degradation, vegetation clearance, as well as drilling.

- 2.1.2** Plan of the main activities with dimensions

Drilling, soil sample taking, field data recording, this will be done based on the size of the area and as well accessibility and taking into consideration the sensitivity of the environment. The activity will try to cover the whole farm or all the farms that were allied for except for the neighbouring, while the impact will only be felt or be on the farms which will be drilled, while the impact will be only on the farm that is being prospected and only within a 20m radius from the drilling area.

Description of construction, operational, and decommissioning phases.

This will involve the setting up of drill rigs, survey and the use of Geophysical equipment to know which area can be drilled to understand the ore body much better.

The EMP presents mitigation measures that need to be applied for the pertinent stages during the development of the project and this include:

- **Planning and designing phase:** The planning and development phase entails the period of project planning where the site design and layout is determined. The basic environmental assessment process is undertaken as well as the number of holes to be drilled.

2.1.3 Listed activities (in terms of the NEMA EIA regulations)

Drilling

Vegetation clearance

2.2 Identification of potential impacts

2.2.1 Potential impacts per activity and listed activities.

Drilling and vegetation clearing

2.2.2 Potential cumulative impacts.

Loss of potential and possible income due to the clearance of vegetation

2.2.3 Potential impact on heritage resources

Graves and old buildings

2.2.4 Potential impacts on communities, individuals or competing land uses in close proximity.

None, though there might be an issue of noise at night due to drilling, but drilling will only be done during the day. There might be a small disturbances on crop farming, depending on the season and time of prospecting activity, but this will also be negotiated with the land owner.

All of the above will be limited, this will also be due to the fact that there are no communities around, the area.

2.2.5 Confirmation that the list of potential impacts has been compiled with the participation of the landowner and interested and affected parties,

Security, safety, privacy and compensation issues by the land owner was discussed and a mutual agreement will be reached soon. This talks took into consideration the amount of revenue which is most likely to be lost due the prospecting activity on the land and a common ground must be reached.

Issues such as food, accommodation, and security were also addressed.

2.2.6 Confirmation of specialist report appended.

None

3 REGULATION 52 (2) (c): Summary of the assessment of the significance of the potential impacts and the proposed mitigation measures to minimise adverse impacts.

3.1 Assessment of the significance of the potential impacts

3.1.1 Criteria of assigning significance to potential impacts

Desktop studies

3.1.2 Potential impact of each main activity in each phase, and corresponding significance assessment

None

3.1.3 Assessment of potential cumulative impacts.

None

3.2 Proposed mitigation measures to minimise adverse impacts.

3.2.1 List of actions, activities, or processes that have sufficiently significant impacts to require mitigation.

Vegetation clearance

Noise

Air pollution from dust

Water Pollution (during rainy season)

Concomitant list of appropriate technical or management options

Operate during the day to minimise noise

Avoid vegetated area as well as crops to minimise loss

Spray water during drilling

Contain water being used and control water spillage

3.2.2 Review the significance of the identified impacts

Pollution and loss of revenue to the farm owner

After consideration of mitigation measures, impacts will be less or minimal

4 REGULATION 52 (2) (d): Financial provision. The applicant is required to-

4.1 Plans for quantum calculation purposes.

See attached quantum

4.2 Alignment of rehabilitation with the closure objectives

See attached quantum

4.3 Quantum calculations.

Attached

4.4 Undertaking to provide financial provision

The amount will be available should the right be granted, financial statements will be attached as appendices

5 REGULATION 52 (2) (e): Planned monitoring and performance assessment of the environmental management plan.

5.1 List of identified impacts requiring monitoring programmes.

Dust
Soil pollution
Water Pollution

5.2 Functional requirements for monitoring programmes.

None

5.3 Roles and responsibilities for the execution of monitoring programmes.

Spraying of water
Monitoring and controlling water use as well as water contamination.
Monitor trucks and machines, to avoid and minimise oil spillage and other kind fuel

5.4 Committed time frames for monitoring and reporting.

For the duration of operations

6 REGULATION 52 (2) (f): Closure and environmental objectives.

6.1 Rehabilitation plan

The area to be prospected is not easy to show before desktop studies, but all means and efforts will make sure to demarcate the possible area to be drilled and prospected, to be as far away from people as possible including water, river and animals as well as vegetation

6.2 Closure objectives and their extent of alignment to the pre-mining environment.

To leave the land as it was found or even better than it was before prospecting.

6.3 Confirmation of consultation

To be finalized on the final meeting with the landowner as negotiations and talks are still in progress at the present moment.

7 REGULATION 52 (2) (g): Record of the public participation and the results thereof.

7.1 Identification of interested and affected parties.

See the attachments on consultations proof appendices

7.2 The details of the engagement process.

7.2.1 Description of the information provided to the community, landowners, and interested and affected parties.

Registered Letter with detailed information pertaining prospecting as well as the company to be doing the prospecting. We have further provided information on what prospecting entails and the benefits as well as the costs of prospecting as a whole.

7.2.2 List of which parties identified in 7.1 above that were in fact consulted, and which were not consulted.

Landowner, community trust and municipalities

7.2.3 List of views raised by consulted parties regarding the existing cultural, socio-economic or biophysical environment.

Safety, privacy, employment generation, social upliftment, environmental rehabilitation, compensation for prospecting, time frames for drilling, partnership, health issues.

7.2.4 List of views raised by consulted parties on how their existing cultural, socio-economic or biophysical environment potentially will be impacted on by the proposed prospecting or mining operation.

Safety, privacy, employment for the locals, social upliftment, environmental rehabilitation, compensation for prospecting, time frames for drilling, partnership, health issues.

7.2.5 Other concerns raised by the aforesaid parties.

None

7.2.6 Confirmation that minutes and records of the consultations are appended.

See the attachments on consultations proof appendices

7.2.7 Information regarding objections received.

None so far, but we are still waiting further for further replies from other interested and affected parties.

7.3 The manner in which the issues raised were addressed.

As of the present moment, there are no unresolved issue, but should any arise after the submission of the EMP, they will be forwarded to the relevant authority and the client and the consultant will try by all means to resolve them.

8 SECTION 39 (3) (c) of the Act: Environmental awareness plan.

8.1 Employee communication process

Through EMP's on environmental awareness programme as well as a basic lecture.

8.2 Description of solutions to risks

All risks with this kind of prospecting are minimal, though no risk is anticipated, there are funds as well as man power that will be deployed to address any possible and potential risks.

8.3 Environmental awareness training.

Through EMP's on environmental awareness programme attached and workshops before commencement of the prospecting activities

9 SECTION 39 (4) (a) (iii) of the Act: Capacity to rehabilitate and manage negative impacts on the environment.

9.1 The annual amount required to manage and rehabilitate the environment.

This solely depends on the area and environmental aspect to be rehabilitated shown on cost breakdown. It should be further noted that each site has got a different rehabilitation amount set aside, should anything not go the way anticipated.

9.2 Confirmation that the stated amount correctly reflected in the Prospecting Work Programme as required.

10 REGULATION 52 (2) (h): Undertaking to execute the environmental management plan.

Herewith I, the person whose name and identity number is stated below, confirm that I am the person authorised to act as representative of the applicant in terms of the resolution submitted with the application, and confirm that the above report comprises EIA and EMP compiled in accordance with the guideline on the Departments official website and the directive in terms of sections 29 and 39 (5) in that regard, and the applicant undertakes to execute the Environmental management plan as proposed.

Full Names and Surname	Edgar Netshiozwi
Identity Number	8501075444082

-END-