



REPUBLIC OF NAMIBIA

ENVIRONMENTAL QUESTIONNAIRE FOR MINING CLAIMS IN NAMIBIA

BEING APPENDIX A TO THE ENVIRONMENTAL CONTRACT

1. BACKGROUND INFORMATION

- 1.1 Companies/Natural persons applying for **MINING CLAIMS** must complete this questionnaire. (Please fill in ALL questions).
- 1.2 The answers provided in this questionnaire shall be regarded as commitments which will become part of the **Environmental Contract** between the Holder and the Government of the Republic of Namibia, duly represented by the Ministry of Environment and Tourism (MEFT) and the Ministry of Mines and Energy (MME).
- 1.3 Once the Holder has completed this questionnaire MET and MME will either accept/reject/request further information regarding the environmental commitments made therein. MET and MME reserve the right to add further conditions.
- 1.4 Once agreed to by all parties concerned, the completed questionnaire shall form part of the **Environmental Contract**.
- 1.5 Please attach a map of the mining claim area and a copy of the application to register mining claims.**

2. Holder details

2.1 Name of Holder	Andy Lubembo Lukonga
2.2 Name of Mining Claim Holder (if different from 2.1)	Same as 2.1
2.3 Telephone, Fax, Cell Phone and/or E-Mail	Tell: N/A Fax: N/A Cell phone: +264 81 3746487 Email: Injekwa@yahoo.com
2.4 Postal Address Residential/Registered Address	P O BOX 98387, Pelican Square 66, Osprey Street, Hochland Park
2.5 Reference Number 14/2/1/1/10036	NEPL No: 10036
2.6 Registered Number(s)	MCs No. 74446-74453
2.7 Location (Farm, District, Region) of mining claim(s)	USAKOS, ERONGO
2.8 Group(s) of Mineral(s) to be mined	SEMI-PRECIOUS STONE

Number of people	Where will they live?
10	USAKOS & SURROUNDING FARMS

3. Environmental commitments

3.1 Pollution and Waste

3.1.1 What will you do with normal litter (e.g. Kitchen spoils, cans, bottles, paper, etc.)?

APPLICANT AND HIS ASSISTANTS WILL BE SENSITISED TO DISPOSE OF WASTE IN A RESPONSIBLE MANNER AND NOT TO LITTER. THE MINING SITES WILL BE EQUIPPED WITH WASTE BINS FOR GENERAL WASTE/DOMESTIC. MOREOVER, AFTER EACH DAILY WORKS, THE APPLICANT WILL ENSURE THAT THERE IS NO WASTE LEFT ON SITE. SIMILARLY, NO WASTE MAY BE BURIED OR BURNED ON SITE OR ANYWHERE ELSE.

3.1.2 What industrial waste will be generated and what will you do with it (e.g. old machinery, vehicles, building rubble, batteries, paint, thinners, vehicle oil, etc.)?

NO PRODUCTION OF INDUSTRIAL WASTE IS ENVISIONED. HOWEVER, IN THE CASE OF AN EMERGENCY (I.E. VEHICLE OIL SPILL), THE CONTAMINATED SOILS SHOULD BE CLEANED UP IMMEDIATELY AND DISPOSE OF IN A DESIGNATED HAZARDOUS WASTE BIN AND TRANSPORTED TO THE NEAREST APPROVED LANDFILL SITE. CAR USED TO TRANSPORT MINED STONES NEEDS TO BE EQUIPPED WITH DRIP TRAYS.

Describe what type of toilet facilities will be provided.

A PORTABLE TOILET WILL BE ACQUIRED TO BE USED AT SITE DURING MINING.

3.2 Vehicle, earthmoving equipment, drilling and blasting

3.2.1 List the type and quantity of vehicles, earthmoving equipment, drilling equipment, and other machinery likely to be used on your mining claim (e.g. 2 x bakkies; 1 x bulldozer, etc.)

Vehicles:

ONE OR TWO TRUCKS WILL BE USED TO TRANSPORT MINED MATERIALS (BLOCKS) AND (4X4) VEHICLES TO TRANSPORT MINING CREW

Earthmoving equipment:

EXCAVATOR AND LOADER EARTHMOVING EQUIPMENT WILL BE USED. IN THE FUTURE IF A NEED ARISE FOR MORE EQUIPMENT, PROPER ENVIRONMENTAL REGULATIONS WILL BE FOLLOWED

Drilling equipment:

NO DRILLING OR BLASTING WILL BE UNDERTAKEN. IN THE FUTURE IF A NEED ARISE, PROPER ENVIRONMENTAL REGULATIONS WILL BE FOLLOWED

3.2.2 Describe the environmental damage that is likely to result from the use of vehicles and machinery within the mining claim area (e.g. on the landscape in general, soil, vegetation, noise, dust, etc.).

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APPLICANT HAS AN EMP DEVELOPED. VISUAL IMPACT (SCARS) ON LANDSCAPE THAT WILL, BECAUSE OF LOW RAINFALL, REMAIN SO FOR A VERY LONG TIME.

POSSIBLE DESTRUCTION OF FAUNAL HABITATS AS WELL AS REMOVAL OF VEGETATION THAT MAY BE ENCOUNTERED WITHIN THE TARGET SPOTS ON THE MINING CLAIMS.

GENERATION OF DUST FROM THE SITE GRAVEL ROAD WHEN TRANSPORTING MINING MATERIAL AS WELL AS ASSISTANTS TO AND FROM MINING SITES.

3.2.3 How will you control the movement of **vehicles and machinery** in order to minimise environmental damage?

APPLICANT HAS AN EMP DEVELOPED. VEHICLE DRIVER WILL BE REQUESTED TO AVOID DRIVING OFF-ROAD. NO NEW TRACKS WILL BE CREATED IN ADDITION TO EXISTING ONES.

MINING CREW WILL BE REQUIRED TO PRESERVE EXISTING FLORA AND FAUNA, BY AVOIDING CREATION OF NEW TRACKS.

3.2.4 Which routes will be used by vehicles to get to your mining claim and state whether you intend making new roads or tracks (both to your mining claim and within your mining claim)?

THE MINING CLAIMS ARE ACCESSIBLE FROM INFORMAL (GRAVEL) ROUTES DIVERGING FROM THE B2 ROAD BETWEEN ARANDIS AND USAKOS. ONLY EXISTING ROUTES IN THE AREA OF ARANDIS AND SURROUNDING FARMS WILL BE USED. NO NEW TRACKS WILL BE CREATED IN ADDITION TO EXISTING ONES.

3.2.5 Will you do any blasting on your mining claim?

Yes: _____

No: X _____

Unsure: _____

3.2.6 If “yes” above, explain how you intend minimising environmental impacts, including the safety of humans, livestock and wildlife?

NOT APPLICABLE AS NO BLASTING IS PALNNED FOR ON MINING. MOREOVER, NO PROCESSING OF MINED MATERIAL WILL BE DONE ON THE MINING CLAIMS. THE APPLICANT HAS AN EMP DEVELOPED

3.3 **Water**

3.3.1 How much water do you intend using for various activities (e.g. human use, washing of equipment, washing sand/stones, dust control, gardens, etc.) and state how you intend saving water within each category of use.

Activity or category of use	Quantity of water needed per month (litres)	Water saving methods
HUMAN CONSUMPTION (SOURCED FROM ARANDIS OR NEAR FARM)	ABOUT 400	AWARENESS ABOUT WATER SHORTAGE
WASHING OF TOOLS	ABOUT 1500	REUSE

3.3.2 Where will you get your water (e.g. river, own borehole, Water Affairs connection, etc.)?

Human consumption: **USAKOS OR FARM BOREHOLE**
 Washing: **GREY WATER FROM USAKOS OR FARM**

3.3.3 Explain how you will minimise or completely avoid polluting any water source, including underground water.

WASTE WATER AND OTHER CONTAMINATED FLUIDS ON SITE SHOULD BE PROPERLY STORED IN CLOSED CONTAINERS AND DISPOSED OFF AT THE NEARBY APPROVED AND DESIGNATED LANDFILL/WATER TREATMENT SITE AS PER THE RECOMMENDATION IN THE EMP.

3.4 **Relations with neighbouring communities and/or the general public**

3.4.1 Are there any people living in or near your mining claim?

Yes: X No: Unsure:

3.4.2 If “yes”, explain where these people live and describe their economic activities.

MCs 74446-74453: FARM DAVIB OST

NO OBSERVED ACTIVITY ON THE FARMS

3.4.3 If “yes” in 3.4.1, explain what you will do to maintain a good relationship with such people.

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EFFECTIVE COMMUNICATIONS WILL BE MAINTAINED FOR RELATIONSHIPS WITH AFFECTED FARM OWNERS.

3.4.4 Will the activities on your mining claim restrict the movement of other people in the area (e.g. the general public, tourists, farmers, local people, etc.)?

Yes: _____

No: _____ **X** _____

3.4.5 If “yes” for 3.4.4, please explain why their movements or access will be restricted.

NOT APPLICABLE. PEOPLE WILL BE ALLOWED TO FREELY MOVE ACROSS THE AREA. UNLESS IF IT IS INTRUDERS WANTING TO DO ILLEGAL MINING, IN WHICH CASE, THE RELEVANT AUTHORITIES WILL BE INFORMED.

3.5 Protection of plants and wildlife

3.5.1 How will you ensure that your activities will not cause unnecessary damage to **plants and wildlife** in or near your mining claim) e.g. hunting, plant collecting, fishing, etc.)?

VEGETATION FOUND ON THE SITES, BUT NOT IN THE TARGETED MINING AREAS WILL NOT BE REMOVED, BUT LEFT TO PRESERVE BIODIVERSITY ON THE SITES. ADDITIONALLY, CARE WILL BE TAKEN WHEN EXTRACTING MINERALS WITHOUT DESTROYING THIS VEGETATION EVEN IF A CERTAIN SHRUBS OR TREES ARE FOUND ALONG MINING SPOTS ON SITES. FIELD ASSISTANTS WILL BE EDUCATED TO REFRAIN FROM KILLING OR SNARING ANIMALS’ SPECIES FOUND ON MINING SITES. WITH THE HELP OF CONSULTANTS FROM EXCEL DYNAMIC SOLUTIONS PTY LTD, ENVIRONMENTAL AWARENESS ON THE IMPORTANCE OF BIODIVERSITY PRESERVATION WILL BE PROVIDED TO ALL MINING SITES MEMBERS.

3.6 Historical, archaeological and cultural heritage (e.g. rock art, graves, monuments, fossils, sacred sites, historical buildings, etc.)

3.6.1 Are there any historical, archaeological or culturally important sites within your mining claim area?

Yes: _____ No: _____ Unsure: X

3.6.2 If “yes”, please describe briefly.

THIS INFORMATION WILL BE CONFIRMED DURING MINING AS IT WAS NOT ESTABLISHED DURING THE PEGGING AND RECONNAISSANCE PHASE. THE APPLICANT PLANS TO INVITE TRAINED ENVIRONMENTAL CONSULTANTS FROM EXCEL DYNAMIC SOLUTIONS TO ASSIST DESKTOP ENVIRONMENTAL ASSESSMENT AND DRAFT A MANAGEMENT TOOL FOR USING DURING MINING.

3.6.3 If such sites are known, how will you avoid damaging them?

NO HISTORICAL, ARCHEOLOGICAL OR CULTURALLY IMPORTANT SITES ARE KNOWN TO BE IN THE AREA AT THIS STAGE. HOWEVER, THE APPLICANT WILL BE ON WATCH OUT FOR SUCH SITES DURING MINING AND SHOULD HE COME ACROSS ONE, HE WILL REPORT THEM TO THE RELEVANT AUTHORITIES SUCH AS MME AND MET.

3.6.4 If such sites are discovered after you have started working your mining claim, would you accept new conditions to this contract so that they can be properly protected?

Yes: X No: _____ Unsure: _____

3.7 Rehabilitation

3.7.1 When will you rehabilitate the environmental damage done during prospecting? (Tick the appropriate box)

I have no intention of rehabilitating any damage

ON A CONTINUOUS BASIS (I.E. SIMULTANEOUS WITH MINING) X

Only after all prospecting has finally been completed

I don't know _____

THE APPLICANT PLANS TO CONTINUOUSLY DO BACKFILLING TO PREVENT CREATION OF HUGE PILES OF WASTE ROCKS. HOWEVER, BASED ON THE AMOUNT OF MATERIALS TO BE MINED OUT, AND THE ADVICE FROM THE CONSULTANT, OTHER REHABILITATION MEANS MAY BE EXPLORED AND UNDERTAKEN.

3.7.2 Describe the programme of mining from the start and the methods to rehabilitate damage.

THE APPLICANT PLANS TO START MINING AS SOON AS POSSIBLE UPON GRANTING THE MINING LICENCES (MINING CLAIMS) BY THE MME. THE MINING ACTIVITIES WILL BE UNDERTAKEN BY THE APPLICANT (AND HIS ASSISTANTS) USING LOW-LEVEL EQUIPMENT/ TOOLS. THIS WILL REQUIRE MILD SOIL EXCAVATION ALONG THE TARGETED ORE HOSTING VEINS / ROCKS. THE APPLICANT PLANS TO CONTINUOUSLY DO BACKFILLING TO PREVENT THE CREATION OF HUGE PILES OF WASTE ROCKS. HOWEVER, BASED ON THE AMOUNT OF MATERIALS TO BE MINED OUT, AND THE ADVICE FROM THE CONSULTANT, OTHER REHABILITATION MEANS MAY BE EXPLORED AND UNDERTAKEN.

4. Existing Damage

Describe what environmental damage exists in your mining claim area now, in other words, damage caused by someone else before you began working on the mining claim. Where possible, provide evidence such as photos, statements, etc.

NO PHYSICAL DAMAGE HAS BEEN OBSERVED ON SITE. HOWEVER, THE APPLICANT WILL TAKE THE RESPONSIBILITY OF REHABILITATING THE DAMAGES (PROVIDED THE COST OF REPAIRING THE ENVIRONMENT IS NOT MORE THAN WHAT HE WILL GET FROM SELLING MINED SEMI-PRECIOUS STONE).

IN OTHER WORDS, THE APPLICANT IS PREPARED TO REHABILITATE PREVIOUSLY MINED OUT AREAS WITH TECHNICAL SUPPORT FROM EXCEL DYNAMIC SOLUTIONS PTY LTD AND OTHER AVAILABLE SUPPORT FROM THE MINISTRY OF ENVIRONMENT AND TOURISM (MEFT). A GUIDANCE TOOL FOR MINING RESPONSIBLY WILL ALSO BE DEVELOPED.

I hereby declare that the information provided in this questionnaire, is to the best of my knowledge, accurate and correct, and that I'm prepared to keep to the commitments stated therein.


Mining Claim Holder

Windhoek
Place

31/10/23
Date

RNL