



REPUBLIC OF NAMIBIA

MINISTRY OF ENVIRONMENT AND TOURISM

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19 June 2019

OFFICE OF THE ENVIRONMENTAL COMMISSIONER

The Managing Director
Manmar Investment One Eight Two (Pty) Ltd
Erf 74 Finkenstein Manor
Windhoek
Namibia

Dear Sir or Madam,

SUBJECT: ENVIRONMENTAL CLEARANCE CERTIFICATE FOR THE PROPOSED EXPLORATION IN THE EXCLUSIVE PROSPECTING LICENSE (EPL) NO. 6987 FOR NUCLEAR FUEL MINERALS, ERONGO REGION

The Environmental Scoping Report and Environmental Management Plan submitted are sufficient as they made provisions of the environmental management concerning the project's activities. From this perspective regular environmental monitoring and evaluations should be conducted. Targets for improvements should be established and monitored from time to time.

This Ministry reserves the right to attach further legislative and regulatory conditions during the operational phase of the project. From this perspective, I issue this clearance with the conditions: (a) relevant permitting authority must be notified at all times on the operations of the project; (b) rehabilitation plan must be implemented; and (c) attached conditions applicable to Environmental Clearances in Proclaimed Protected Areas in Annexure A.

On the basis of the above, this letter serves as an Environmental Clearance Certificate for the project to commence. However, this clearance letter does not in any way hold the Ministry of Environment and Tourism accountable for misleading information, nor any adverse effects that may arise from this project activity. Instead, full accountability rests with Manmar Investment One Eight Two (Pty) Ltd and their consultants.

This environmental clearance is valid for a period of 3 (three) years, from the date of issue unless withdrawn by this office.

Yours sincerely,

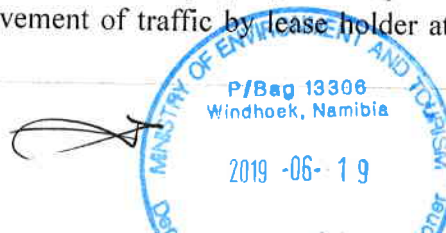

Fredrick Mupoti Sikabongo
DEPUTY ENVIRONMENTAL COMMISSIONER



“Stop the poaching of our rhinos”

**APPENDIX A - CONDITIONS ATTACHED TO ENVIRONMENTAL CLEARANCE
CERTIFICATE FOR SAND MINING**

1. In the case of private land not owned by the lease holder an affidavit should be obtained regarding consent of the concerned land owner (s) for carrying out the mining operation.
2. Valid permit from the Relevant Competent Authority to be obtained for riverbed sand mining prior to commencement of the project.
3. All conditions provided by the Relevant Competent Authority with regards to riverbed sanding mining must be complied with.
4. The Holder shall erect a signboard not smaller than 70 cm in height and 100cm in width, at the major entrance/s to each of its Sand Mining Site /Area, specifying the duration of the EC validity and the name of the EC holder, and a contact name and number for enquiries.
5. Mining shall be done in layers of 1 m depth to avoid ponding effect and after first layer is excavated, the process will be repeated for the next layers; All possible precaution as identified in the Environmental Management Plan shall be complied with to prevent and mitigate potential impacts.
6. No exposure of groundwater should take place in respect of Sand mining activities undertaken within a riverbed.
7. Depending upon the location, thickness of sand, deposition, agricultural land/river bed, the method of mining may be manual, semi-mechanized or mechanized; however, manual method of mining shall be preferred over any other method.
8. The EC holder shall keep a correct account of quantity of sand mined out, dispatched from the site, mode of transport, registration number of vehicle, person in-charge of vehicle and site plan. This should be produced before inspectors at any time.
9. Restricted working hours: Sand mining operation has to be carried out between 7 am to 5 pm.
10. Pollution due to dust, exhaust emission or fumes during mining and processing phase should be controlled and kept in permissible limits specified under environmental laws.
11. Restoration of flora affected by mining should be done immediately. Twice the number of trees destroyed by mining be planted preferably of indigenous species;
12. No overhangs shall be allowed to be formed due to mining and mining shall not be allowed in areas where subsidence of rocks is likely to occur due to steep angle of slope.
13. No extraction of stone / boulder / sand in landslide prone areas.
14. Dumping of waste shall be done in earmarked places as approved in the plan;
15. Sand mining sites should not be located within 100 meters from the edge of National Highway and railway line, 60 meters from a water reservoir, canal or building, 25 meter from the edge of other roads except on special exemption from relevant authority.
16. Junction at take-off point approach road with main road be properly developed with proper width and geometry required for safe movement of traffic by lease holder at his own cost.



12. In the case of non-compliance with any of these conditions, the clearance can be terminated by the Ministry at any time by written notice to the holder, including the reasons for such termination. Notice of termination in terms hereof will not detract from any of the Holder's obligations pertaining to the clearance, including the implementation of the environmental management plan and the rehabilitation of disturbed areas or other impacts caused by the Holder.
13. A six monthly report on project progress and environmental management profile, starting from date of commencement of operations, must be submitted by the Holder to the Ministry of Environment and Tourism, particularly, the directorates of Environmental Affairs, and Parks and Wildlife Management.
14. Boating, biking, swimming, fishing, hunting, wood gathering or the collection of soil, insects, birds, animals and plants, including the introduction of pets and weapons of all types, are strictly prohibited within the jurisdiction of a protected area.
15. Unless permitted by the Ministry of Environment and Tourism, the operation of an aircraft and the construction of a runway, including any other attempt to harvest natural resources for any form of construction purposes, shall not be allowed in all protected areas. Where the construction of structures is allowed, the design of such structures must be of a temporary nature.
16. There shall be no voluntary disposal of any form of waste in all protected areas of the Republic of Namibia. A suitable waste storage facility must be constructed to serve as a waste retention device prior to transportation out of the protected area.
17. Using the best and affordable methodology, the Holder must ensure that all mining or quarrying and exploratory operations are thoroughly rehabilitated prior to closure of the operation. Wherever possible, the Holder must proceed with the rehabilitation process concurrently with the progression of the project rather than wait until the damage is far beyond the available means of management.
18. The general standard for all rehabilitation processes must at all costs aim at restoring the natural character of the environment to the satisfaction of the Ministry of Environment and Tourism. Such rehabilitation processes shall be inspected and certified satisfactory or unsatisfactory by the Ministry of Environment and Tourism. Where a certificate of unsatisfactory is issued, the Holder shall be advised to carry-out certain tasks to meet the requirements. Failure to meet the basic rehabilitation requirements shall be regarded by this Ministry as a breach of this contract and, of which serious consequences shall follow.
19. If the EIA/EMP report for a given exploration or mining or quarrying require the services of an external reviewer, the Holder shall bear the full cost of the review of that particular report. Under such circumstances, this Ministry shall only pronounce its decision on the issue once the full cost of the review is paid-out to the reviewer.
20. Finally, the Holder is advised that these conditions shall be reviewed and refined on a regular basis to ensure compliance and sound management of our protected areas. From this perspective, and depending on site specifics and the technical nature of a given project, further conditions shall be attached to guide the operations of such projects.



