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Environmental management Report for the proposed erection of fencing for the storage and solid waste management at Erf 1125 industrial area mariental, Hardap Region, Namibia.

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1.Mitigation Measures

1.1 Emp roles and responses

The proponent is ultimately responsible for the implementation of the EMP. However, the proponent may delegate this responsibility at any time, as they deem necessary during the project phases. The roles and responsibilities of all delegates and parties involved in the effective implementation of this EMP are set out below

1.2 The Proponent or Proponent's Representative (PR)

If the proponent does not personally manage all aspects and phases' activities referred to in this EMP, they should assign this responsibility to a suitably qualified individual referred to in this plan as the Proponent's Representative (PR). The PR may be appointed to manage all phases of the project, or to manage only the EMP aspects for the project. The PR's responsibilities may include:

- Managing the implementation of this EMP and updating and maintaining it when necessary.
- Management and monitoring of individuals and/ or equipment on-site in terms of compliance with this EMP.

1.2 Environmental control officer

The proponent may assign the responsibility of ensuring EMP compliance throughout the project life cycle to a designated member of staff or external qualified and experienced person, referred to in this EMP as the Environmental Control Officer (ECO). The ECO will have the following responsibilities:

- Management and facilitation of communication between the Proponent, PR and Interested and Affected Parties (I&APs) regarding this EMP.
- Conducting site inspections (as per the recommended frequency) of all areas with respect to the implementation of this EMP (monitor and audit the implementation of the EMP).
- Advising the PR on the removal of person(s) or equipment that does not comply with the provisions of this EMP.
- Making recommendations to the PR with respect to the issuing of fines for contraventions of the EMP.
- Undertaking an annual review of the EMP and recommending additions and/or changes to this document.

2. Monitoring and Reporting Plan

To support and ensure that the proposed mitigation measures are achieving the desired results, a monitoring plan must be implemented. The monitoring action plans recommended for planned exploration works are presented

Table 1: Environmental Impacts and proposed mitigation measures

Environmental Aspect	Impact	Monitoring Action	Implementation Responsibility	Frequent	Threshold	Action if threshold is exceeded
Biodiversity	Loss of biodiversity	Clear only footprint area to maintain as much of the natural environment as possible. No killing of animals found in the area Keep larger shrubs in the area to mitigate flood impacts	ECO/PR Workers	Weekly	Vegetation Clearance outside of marked areas. Presence of dangerous snakes, reptiles and other Animals	Rehabilitation of the affected area. Notify MET for the removal of dangerous animals
Archeology and Heritage	Unearthing of objects that could be of archaeological importance or cultural heritage	Findings Should be inspected and contained. Contact should be made to the National Heritage Council for instruction or Safe removal	ECO/PR National Heritage Council	Daily	Unearthing of archaeological or cultural heritage resources	Cease all activities on site and wait for NHC to come inspect the site and give further instruction
Soil	Excessive loss of top soil	Unnecessary removal or disturbance should be avoided at all time	ECO/PR Workers	Weekly	Proliferation of new vehicle tracks and potholes	Rehabilitation of the affected area
Waste	Environmental pollution	The site should always be kept tidy and no illegal disposal of waste	ECO/PR Workers	Daily	Visible litters on the ground and surrounding area	Facilitate Clean ups Portable toilet for workers
Noise	To limit noise levels on site.	Noise levels shall be kept within acceptable limits, and all staff must abide by the relevant Noise Control Regulations.	ECO/PR Workers	Daily	Noise levels above permissible db, Complains from neighboring business	Penalties, and implementation of the noise policy
Traffic	Operational traffic shall be controlled to	Gravel Road Speed Limits should be	Workers	Weekly	Obstruction of traffic or causing unnecessary	Slow moving Vehicles should not operate

	ensure minimal disruption to normal road users.	maintained. Avoid placing materials on/near the road that may cause obstruction			traffic	during rush hours
Dust	To limit dust levels	Constant rehabilitation must be implemented and/or the area should be paved.	ECO/PR Workers	Daily	Reduced visibility around area and nearby areas	Find alternatives to the activity causing dust

3. Environmental monitoring and reporting

To minimize the impacts identified and assessed in the scoping report, monitoring reports are to be compiled and submitted to the DEAF as required by the Environmental Commissioner (as per the ECC conditions). This practice will make any considerations for ECC renewal easy. Therefore, the proponent should meritoriously monitor and submit the reports to the DEAF. The submission is not only done for record keeping purposes, but also in compliance with environmental legislation.

4. Decommissioning and Rehabilitation

Successful rehabilitation requires careful consideration of the local ecological context in combination with rehabilitation goals. The most important steps in undertaking a successful rehabilitation planning Furthermore, to successfully implement the planned rehabilitation, this will depend on a few factors, namely the rehabilitation program, characteristics of the site, nature of the disturbance, rehabilitation methods, and the availability of resources.

Decommissioning of this project may not be expected in the near future, unless due to unforeseen circumstances, and in that case the site will be rehabilitated to pre-set up state.

To ensure that they do their best to rehabilitate the disturbed areas, the proponent intends to:

- Utilize stockpiled subsoil and topsoil to back fill pits/trenches with loose materials.
- Levelling of topsoil that was stockpiled if present
- Removal of project vehicles and equipment from the site and taken to designated parking facility off site.
- All project support structures, such as ablution facility (toilet and washroom system) and storage containers/tanks shall be demolished, and the waste taken to designated sites.
- All accumulated waste up until the cessation of exploration activities will be removed site and transported to designated off site waste management facilities.

5. Conclusion and Recommendation

If the Environmental Commissioner considers ECC issuance for Meyers Recycling cc it is recommended that an ECC granted be subject to the following recommendations:

- All mitigations provided in this report and the management action plans in the EMP should be implemented and monitoring conducted as recommended.
- All the necessary environmental and social (occupational health and safety) precautions provided should be adhered to.
- Site areas where exploration activities such as excavated pits have ceased should be rehabilitated, as far as practicable, to their original state.
- The monitoring of the implementation of mitigation measures should be conducted, applicable impact' actions taken, reporting done and recorded as recommended in the Draft EMP.