

FINAL: ENVIRONMENTAL MONITORING REPORT (EMR)

**FOR THE PROPOSED CONSTRUCTION OF A KUNENE
VOCATIONAL TRAINING CENTER (KVTC) IN KHORIXAS, KUNENE
REGION**



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PROJECT DETAILS

TITLE: ENVIRONMENTAL MONITORING REPORT FOR THE PROPOSED CONSTRUCTION OF A KUNENE VOCATIONAL TRAINING CENTER (KVTC) IN KHORIXAS, KUNENE REGION

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DECLARATION

We hereby declare that:

- a. We have the knowledge of and experience in conducting assessments, including knowledge of the Acts, Regulations, and Guidelines that are relevant to the proposed small-scale surface mining for Marble.
- b. We have performed the work relating to the application objectively, even if this results in views and findings that are not favorable to the proponent.



J Sirunda
Environmental Assessment Practitioner (EAP)

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1. ENVIRONMENTAL MONITORING REPORT (EMR)

1.1. Background

The Government has called Namibia Training Authority (NTA) to expand Vocational Training Education. Kunene Region is one of the areas identified that requires the presence NTA. In view of this call, the NTA is proposing to construct a Kunene Vocational Training Center (KVTC) in Khorixas to improve technical skills in that area. KVTC project is aligned to vision 2030 and is aimed to cater to the needs of the greater Kunene Region as per the recommendations of the Vocational Training Education (VET) Expansion Pre-Feasibility Study.

In line with the provisions of the Environmental Management Act (2007) and EIA Regulations (2012) an Environmental Impact Assessment (EIA) is required for “Construction of Massive Building Activities of this magnitude”. It is against this background that, D&P Engineers and Environmental Consultants has been appointed to conduct an Environmental Impact Assessment (EIA) and to develop an Environmental Management Plan (EMP) for the proposed activities. However, since D&P Engineers and Environmental Consultants is in charge of the Civil and Electrical works of the project under review, D&P Engineers and Environmental Consultants appointed HJ GeoEnviro Consulting as an independent consulting firm to conduct the above mentioned assessment for the Namibia Training Authority (NTA) in 2018.

In 2018, an Environmental Clearance Certificate (ECC) was issued to NTA for the KVTC project. As stipulated in the Environmental Management Act of 2007, that ECC is valid only for three years, and after three years an amendment or renewal should be submitted together with Environmental Monitoring Report to update on the progress of the project if something was done. Since the ECC is only valid for three (3) years, the certificate expired in 2020.

It is against this background, that, HJ GeoEnviro Consulting and Trading cc have prepared this Environmental Monitoring Report (EMR) to meet the statutory environmental management requirements of the proposed KVTC. This EMR has been undertaken within the framework of the existing environmental assessment process as described in the Environmental Assessment Policy for Sustainable Development and Environmental Conservation of 1995, published by the Ministry of Environment and Tourism as well as the provisions of the Environmental Management Act, (Act No. 7 of 2007) and its EIA regulation of 2012. Due to the COVID 19 pandemic, the construction progress was delayed and the situation made it difficult to apply for the ECC renewal on time. For this reason, the

proponent has requested HJ GeoEnviro Consulting and Trading cc, to apply for the renewal of the expired ECC on NTA KVTC.

1.2. Project description

Kunene Region is one the poorest region among the seven regions in Namibia. The unemployment rate is extremely high and concomitant high poverty level. In comparison to other regions, educational level is also very low in this region. It is one of the regions without a vocational training center. For this reason, the NTA is planning to construct a KVTC which will not only serve as a vocational training center but also as a symbol that Kunene Region will be producing future experts in different technical fields. KVTC will be the first tertiary educational institution in Kunene Region.

The proposed site is located along the C39 Road on the outskirts of Khorixas Townlands and next to the Town Cemetery, Sewage Ponds, University of Namibia, and Old Vocational Training Center. Khorixas Town Council approved the request for the donation of 25.5 Hectares of Land to NTA for the construction of the proposed KVTC (Figure 1, 2, and 3). The KVTC is located within these coordinates:

S 22.5.33.10 , E 15.51.10.80

S 22.5.24.80 , E 15.51.8.80

S 22.5.24.90 , E 15.51.25.80

S 22.5.29.40 , E 15.51.28.60

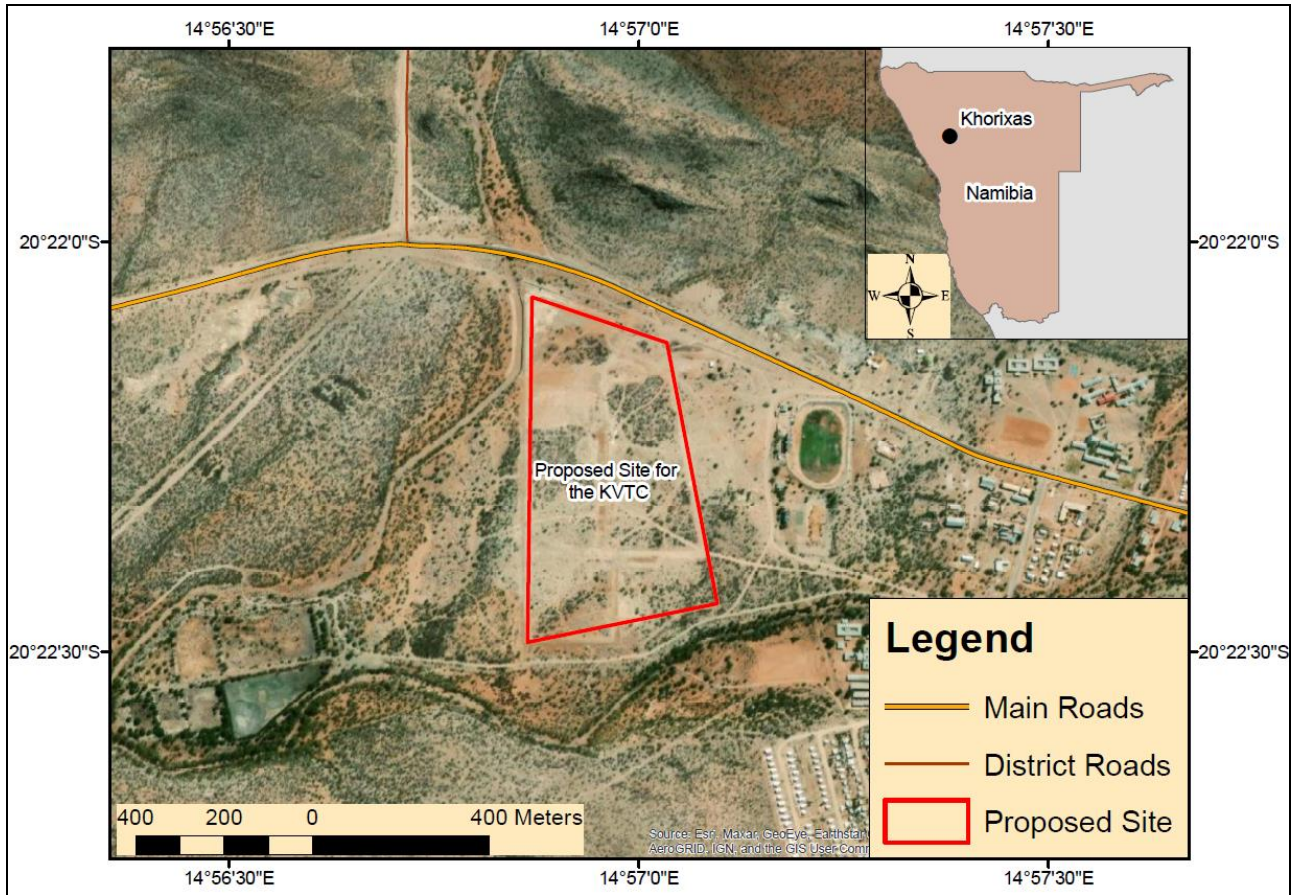


Figure 1: Locality of the proposed NTA KVTC

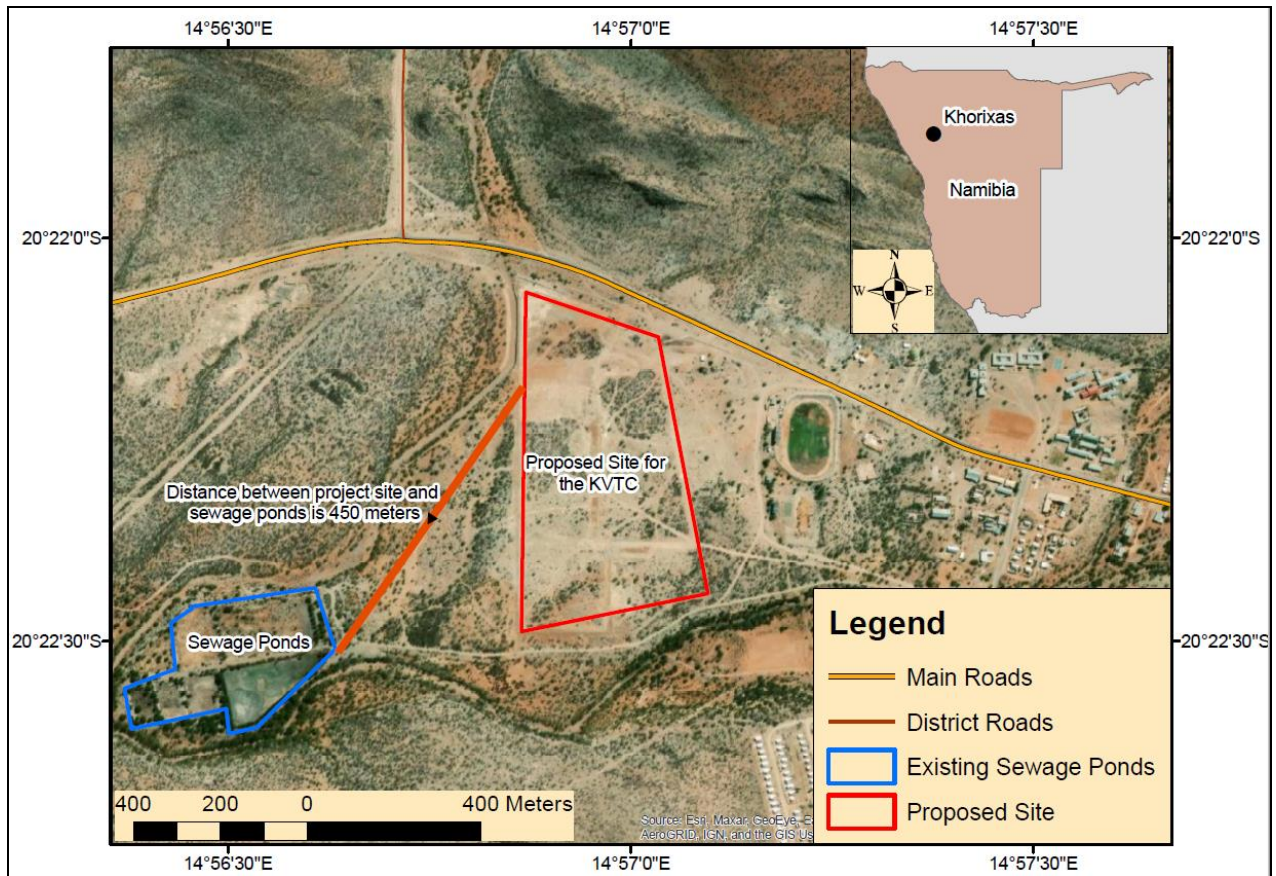


Figure 2: The distance of the proposed NTA KVTC to the sewage ponds

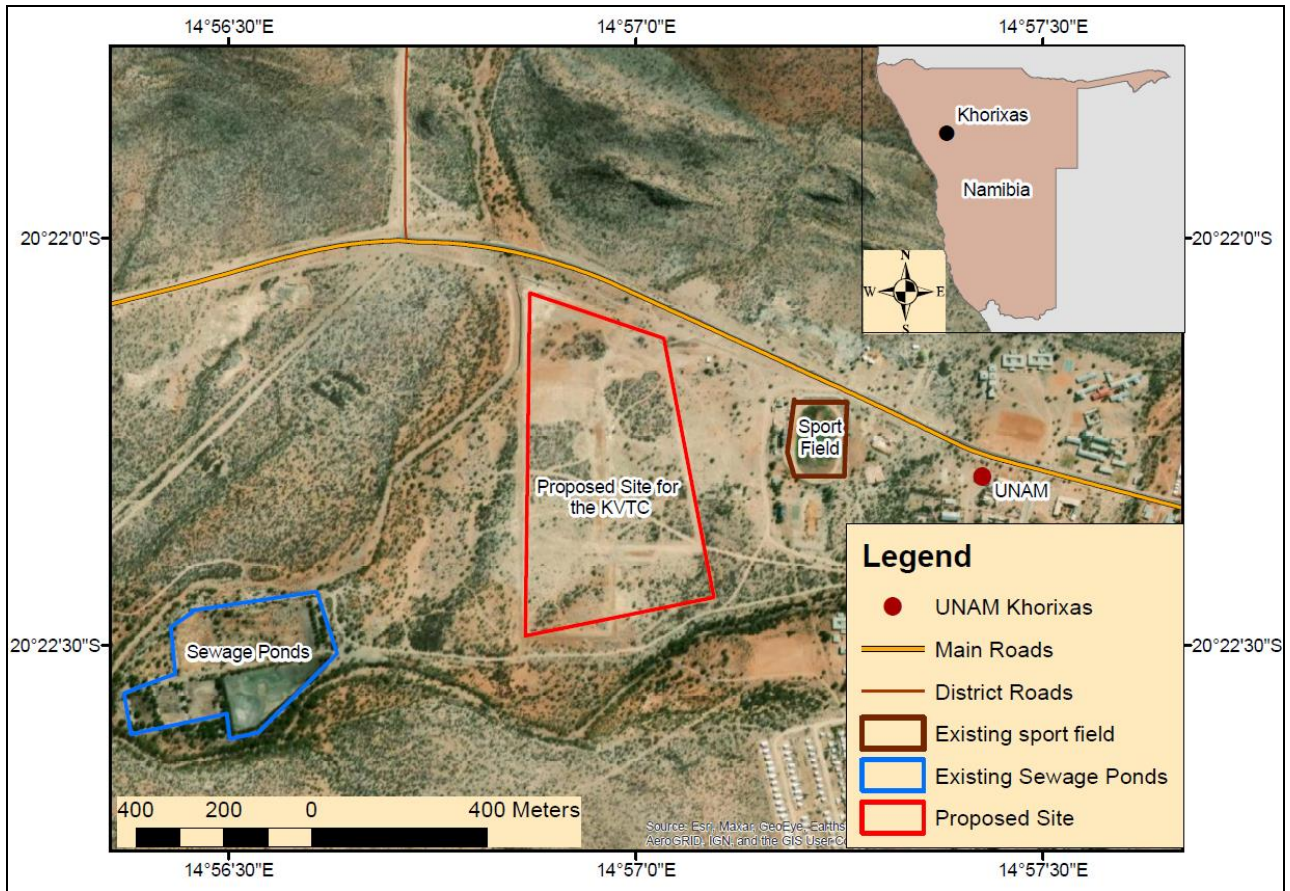


Figure 3: Existing infrastructure surrounding the proposed NTA KVTC

1.3. Summary of the proposed activities

The project consists of two phases. **Phase 1a** and **b**, which involve the feasibility study, constructing classrooms and workshops on the proposed site for first priority trades/occupations, and the equipping of the above classrooms and workshops. **Phase 2**, will involve the construction of recreational/ sports facilities and constructing classrooms and workshops for second priority trades/occupations. The above facilities once completed will host about 1600 learners in different trades. The proposed trades which will be taught at the KVTC are as shown in **Appendix A** below:

The table below indicates the project phases of the proposed project (Table 1) from an environmental impact assessment point of view:

Table 1: KVTC Project Phases

PROJECT PHASES		
PRE-CONSTRUCTION	CONSTRUCTION	OPERATION

Engineering design	Vegetation clearance	Access arrangements
Geotechnical investigations	Establish construction of camps	Routine maintenance
Site evaluation for existing or nearby infrastructure	Access road	Management of vegetation clearance
	Excavations for foundations and sewer lines infrastructure	Repair and maintenance works
	Erection of steel and poles	
	Construction of recreational and sports facilities. Constructing classrooms and workshops for the first priority trades/occupations:	

1.4. Environmental requirements

The proponent NTA is required by law to undertake an Environmental Impact Assessment (EIA) for the proposed construction of the KVTC in line with the following legal requirements:

- Environmental Assessment Policy for Sustainable Development and Environmental Conservation of 1995;
- The Environmental Management Act, (Act No. 7 of 2007) and its EIA regulations of 2012.

1.5. Fulfilments of the environmental requirements

In line with national statutory environmental requirements, the proponent NTA has appointed HJ GeoEnviro cc as the Environmental Consultant. Therefore HJ Geo Enviro cc has prepared this EMR to meet the statutory environmental management requirements of the proposed KVTC. This EMR was undertaken within the framework of the existing environmental assessment process as described in the Environmental Assessment Policy for Sustainable Development and Environmental Conservation of 1995, published by the Ministry of Environment, Forestry, and Tourism as well as the provisions of the Environmental Management Act, (Act No. 7 of 2007) and its EIA regulation of 2012.

1.6. What is an Environmental Monitoring?

Environmental monitoring is a tool used to assess conditions and trends of the natural environment and protect it from any negative outcomes of human activity such constructions etc. The process is an integral part of environmental impact assessments. Environmental monitoring assessments can involve establishing baseline quality, uncovering environmental trends, identifying any variations, determining the success of projects, and confirming whether or not

environmental goals have been met.

The purpose of the environmental monitoring report is to provide a summary of the key issues relating to the implementation of environmental management plans over the project duration. The report includes an update on overall project progress, the status of EMP implementation, environmental monitoring results, and other relevant issues such as non-compliance and corrective actions, and monitoring of the Grievance Redress Mechanism.

1.7. Project Implementation Progress

To date, the construction of the proposed NTA KVTC is progressing well. The proponent NTA appointed a civil contractor in 2018 to implement Phase 1a of bulk earthworks of the project KVTC. The Phase 1a of the project was completed in 2019 which constituted of the following construction activities namely, (a) access gravel roads to the construction site and within the construction area, (b) excavation of trenches for sewer and water pipeline infrastructure of the proposed NTA KVTC, (c) laying and backfilling of sewer and water pipelines, (d) erection and installations of sewer pipeline manholes, (e) construction and relocation of the community auction kraal and (f) river channel diversion with the installation of gabion wires to prevent soil erosion into the nearby ephemeral river. Drawing of the completed bulk services infrastructure is attached to this report in **Appendix B**.

The proponent is currently implementing Phase 1b of the project. For this Phase, a new contractor was appointed in 2020. The Phase 1b consists of the following construction activities, namely, (a) construction of four workshops (for plumbing, carpentry, bricklaying, and refrigeration trades) (Figure 4, 6), (b) administration block (Figure 7), (c) water tower with tanks, (d), guardroom for security, and (e) boundary wall to separate the workshops from the cemetery (Figure 5 and 8).



Figure 4: Workshops construction progress



Figure 5: Construction of the boundary wall between the workshops and cemetery



Figure 6: Onsite steel construction materials and workshops structure



Figure 7: Workshops foundations and steel structure



Figure 8: Boundary wall, contractor site office, and guardroom

1.8. Environmental compliance

During the construction of the above infrastructure services, an environmental compliance inspection was carried out, and the finding of the inspection was discussed with the engineering team and contractor for implementation of the recommendations and mitigations measures. Below are the findings of the environmental inspection:

1.8.1. Environmental issues during the implementation

Employment/job creation

As indicated in the assessment report and management plan, the proposed project will create both direct and indirect jobs. The construction phase of the project was found to employ about 23 employees. Among the employees, about 17 are male and 6 are female. From the list of the employees, 12 of the employees are from other regions, while 11 are from the Kunene region. **Appendix C** provides detailed information about employment at the NTA KVTC.

Land or soil disturbance

The Contractor was found not to comply with the EMP on how to handle the topsoil removed from the overburdened materials at some trenches. The reason for non-compliance provided by the Contractor was due to the difficulty in driving their machines along the trenches was found to be irrelevant as enough space could be created for the machines to pass along the trenches as seen at some other trenches. At some trenches, the topsoil is mixed with overburdened materials and it will be difficult for it to be separated from the overburdened materials when backfilling the trenches. In view of the challenge, the following was recommended to rectify the matter:

- The Contractor to come up with a backfilling strategy to ensure that, the topsoil is placed at the top during the backfilling of the trenches (Figure 9).
- The Contractor to comply with the provision outlined in the EMP on how to handle topsoil when completing the remaining trenches and those that are not completed entirely.


 *The above land and soil disturbance recommendations were implemented by the contractor.*



Figure 9: Stockpiling of the soil and overburden materials for backfilling during construction and rehabilitation

During the construction phase, the proponent removed overburdened materials and broken blocks to be used for backfilling during the construction and rehabilitation phase (Figure 9). The EMP indicates that the proponent NTA's site rehabilitation emphasizes the backfilling of holes, access roads, trenches, and cover with topsoil in areas that will be disturbed by construction activities. These will be but not be limited to the access road, vehicle tracks around the site, removal, and restoration of areas covered by stockpile and rock piles.

Solid waste management

The Environmental Compliance Inspector observed that, Manhole MH-3 is extremely close to the active stream which could be a source of potential groundwater contamination for any downstream boreholes. In view of the contaminant which the pipeline will be transporting, any leakage from MH-3 could find its way into the nearby active stream and if not detect and fixed on time. To be on the safe side, it was therefore proposed that, the Contractor in consultation with the Design Team to consider the following:

- Reduce the distance of MH-3 from the active stream to about 15m.
- ✚ *The above solid waste management recommendation was implemented by the contractor by installing gabion wire to prevent soil erosion (Figure 10) land and also reducing the distance of MH-3 from the active river.*



Figure 10: Installation of gabion wire and boundary wall

Environmental awareness

The Contractor was found in compliance with the implementation of the environmental awareness issues on-site as outlined in the EMP. The environmental Compliance Inspector encouraged the Contractor to continue with the implementation of the awareness campaign and ensure that, all new employees are well informed of the awareness issues.

General environmental issues

The proposed boundary wall was observed to be crossing an active stream although the stream is ephemeral in nature. Previously, it was mentioned that, the boundary will not cross the active stream and will be situated along the stream. In view of the observed new demarcation of the boundary wall, the Design Team should ensure that, the appropriate structure is put in place which will not reduce or divert the flow of water during the period of high flows.

- The environmental Compliance Inspector observed big rocks or stones on site. The Contractor or Design Team should consider utilizing these rocks for either gabion wires or landscaping purposes. This will eliminate the environmental effect (i.e. visual impact) which will be associated with them if stockpiled.

During the inspection, the safety signs were available on site. The COVID 19 regulations of screening of persons accessing the site and wearing of masks are being implemented as shown in Figure 11 below. However, social distancing needs more enforcement by the safety officer on site.



Figure 11: Environmental, health, and safety issues on site

As indicated in the environmental assessment report of 2018, that, there are no archaeological sites within and outside the boundary of the project area. The archaeological sites are mainly rock arts. Rock arts are of historical importance to the people it belongs to and the nation at large. These arts are protected by laws in Namibia such as the National Heritage Act of 27 of 2004, hosted under the National Heritage Council, in the Ministry of Youth. It's widely spread that every project operating within an area where there are lots of archeological sites is obliged not to destroy or tamper with the sites. Therefore, if rock arts of any sort are to be found in and outside the boundary where this project will be operating should not be destroyed or tampered with during the duration of the project. The mitigations measures for the protection of archeological sites are addressed in Sub-section 2.2.3 of this document and the EMP. For this reporting period, it was confirmed that heritage such as rock arts etc. were not discovered during the implementation period. The proponent will continue to implement the provisions of the EMP and follow the required procedure if happen to come across any heritage.

1.9. Environmental Management Plan Implementation and Organisation

Environmental Management Plans (EMP's) are important tools that focus on the management actions that are required to ensure not only environmental compliance of projects but also on implementing mitigation measures aimed at maximizing positive impacts while minimizing negative ones. The statutory validity and compliance significance of the EMP are inherited from the provisions of Regulations (2012) of the Environmental Management Act (2007) which states that "the environmental management plan shall set out steps that are intended to be taken to manage any significant environmental impact that may result from the operation of the undertaking".

Against the above-given context, EMPs are thus by their nature recurring processes that transform mitigation measures into actions and through cyclical monitoring, auditing, review, and corrective action ensures conformance with stated EMP aims and objectives. Inherently, an EMP must respond to unforeseen events and changes in project implementation that were not considered before, and this is achieved through monitoring and auditing, including feedback for continual improvement in environmental performance.

The following abbreviations are used to indicate who is responsible for what impact mitigation objective:

- **Site Manager and Environmental Coordinator**
SM/ENCO
- **Site Foreman** **SF**
- **Project Staff** **PS**
- **Project Proponent** **PP**
- **Environmental Impact Assessment Consultant** **EIA_C**
- **Environmental Commissioner** **EC**
- **Interested and Affected parties** **I & AP**

Table 2: Project Planning and Implementation

Objectives	Indicators	Schedule	Responsibility
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Objectives	Indicators	Schedule	Responsibility
Establish a strong environmental protocol from project implementation to final closure to ensure the least possible impacts on the environment	Resources (Financial, human, equipment, and safety gear) are provided for the awareness, meetings, monitoring, and reporting.	At the beginning of the construction phase.	PP, SM
To maximize the economic spin-off into the local economy.	Expedite the appointment of a senior person to assume the responsibility of an environmental coordinator (ENC)	At the planning stage or at the beginning of the implementation phase of the construction phase	PP, I & AP

Table 3: Mitigation Measures during Exploration Phase

No	Affected Environmental Parameters	Likely adverse impacts in the absence of mitigation measures	Nature of the impact	Proposed mitigation measures	
				Action to be taken	Implementing agency
1	Land Environment	Impact on fauna and flora	Significant and permanent if not controlled	Avoid construction within 20m of the main drainage line(s). Avoid disturbance of marginal vegetation Remove (e.g. capture) unique fauna	Contractor/CENC
		Generation of solid waste and debris. Aesthetically unpleasant. Health problems of laborers	Temporary	Segregation to facilitate reuse/recycling. Recyclable wastes will be segregated and sent for recycling. Adequate facilities for the storage of these waste materials on site	Contractor/CENC
2	Air Quality	Traffic congestion Increase air pollution risks	Significant and temporary	Idling of the trucks and dumpers on the Roads will not be allowed. Raw materials will be procured from the nearest material supplier.	Project manager/Contractor/CENC

				<p>Material will be brought in batches so that There is no sudden increase of traffic volume at one particular time.</p> <p>On-site use of Concrete batching plant.</p> <p>Use of dust covers over construction material during transportation.</p> <p>Keeping all stationary equipment downwind.</p> <p>Stabilization of dust prone areas by sprinkling water</p>	
3	Noise Quality	Increase in noise levels causing a nuisance to the nearby Community Members/farm	Significant and temporary	<p>Prohibition for use of equipment emitting noise of greater than 90 dB (A) for 8 hour operation.</p> <p>Prohibition of noise from construction activities during night time.</p> <p>Provide workers on machinery with ear muffs/ earplugs.</p>	Project manager/Contractor/CENC

				Provision of temporary barricading around site	
4	Water Environment	Surface and groundwater pollution due to fuel spillage. Turbidity and suspended solids due to soil erosion. Blocking of natural drains due to the deposition of construction materials.	Significant and temporary	<p>Construction to be carried out before periods of strong winds and erosion protection Measures to be taken.</p> <p>Construction materials to be stored in enclosures.</p> <p>Cleaning of drains on regular basis to avoid blockage.</p> <p>No accumulation of stagnant water</p>	Contractor/CENC
5	Other Impacts	Soil erosion, additional exposure to noise/ air pollution	Significant and permanent	<p>Construction of necessary scaffolding and retaining structure for protection from waste material and water.</p> <p>Tree plantation to enhance bio aesthetic value.</p> <p>Guidelines for planting saplings of trees to be strictly followed.</p>	Contractor/CENC
6	Spillage of oil management	Contamination of surface and	Significant and permanent	Contain spillage and remove the contaminated soil.	Contractor/CENC

		groundwater		Accessibility to spill prevention and response equipment, such equipment should be visible and accessible to all employees at any given time.	
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Table 4: Mitigation Measures during operation Phase

No	Affected Environmental Parameters	Likely adverse impacts in the absence of mitigation measures	Nature of the impact	Proposed mitigation measures	
				Action to be taken	Implementing agency
1	Land Environment	Change in land use pattern due to the proposed construction project	Significant and permanent if not controlled	Controlled and planned construction system	Project Proponent
		Contamination of soil by fuel and lubricants from construction equipment and vehicles. Increased solid waste generation in the area. If not managed properly will affect the health of local	Significant and temporary	Avoiding spillage of oil and fuel to prevent seepage into ground and reaching surface water bodies. Waste management practices like waste segregation at source, recycling and reuse, mechanical composting etc. will be adopted Provision of mechanical composting units within the site.	Project Proponent

		residents.		<p>Regular collection of non-degradable solid waste from the site.</p> <p>Provision of a well engineered landfill site.</p>	
4	Water Environment	<p>Water shortage within the area.</p> <p>Water flooding during rainy season.</p> <p>Increase in turbidity of water</p> <p>Reduced runoff due to increased paved areas.</p>	Significant and permanent	<p>Blockage of natural drains to be avoided and cleaning and maintenance to be carried out.</p> <p>Regular maintenance of stormwater drains, cleaning and effective soil erosion measures.</p> <p>Water harvesting to recharge on-site to be encouraged for use during the period of pumping failure.</p> <p>Prevent pollution from run-off.</p> <p>Sewage treatment plants to recycle domestic sewage and reuse for toilet flushing</p>	Project Proponent

5	Public Health and Safety	Health problems to people staying within the plots.	Moderate and Permanent	<p>Road maintenance to prevent air/noise pollution within site.</p> <p>Provision of adequate road safety like signage- posts/road-crossings etc.</p> <p>Firefighting / Disaster Management Plan provisions for buildings.</p>	Project Proponent
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1.10. Environmental Awareness

Environmental regulations, rules and procedures apply to everybody, including subcontractors, visitors, permanent and temporary workers. Therefore, anybody who finds him or herself within the boundaries of the site must adhere to the Environmental Code of Conduct as outlined in this section of the EMP.

- The term environment refers to the whole surrounding around us, or conditions in which a person, animal, or plant lives or operates. In the context of this project, the term environment denotes the natural surroundings in a particular geographical area, especially as affected by human activity.
- The environmental coordinator will implement on-site environmental guidelines and has the authority to issue warnings as well as discipline any person who transgresses environmental rules and procedures. Persistent transgression of environmental rules will result in a disciplinary hearing and thereafter continued noncompliance behavior will result in permanent removal from the site and site-related activities, including loss of employment.
- Continuous assistance from the environmental coordinator must be maintained in case some members of the project team do not understand or do not know how to keep up with established environmental guidelines.

Dealing with environmental complaints guidance

- a. If you have any complaint about dangerous working conditions or potential pollution to the environment, immediately report this to the Environmental Coordinator
- b. If any person complains to you about noise, lights, littering, pollution, or any other harmful or dangerous condition, immediately report this to the Contractor.

Environmental Personnel Register

Table 11 shows the Environmental Personnel Register to be signed by every person who receives or attends the Environmental Awareness Training or who has the training material explained to him or her or in possession of the training material.

Table 5: Environmental Personnel Register

Date	Name	Company	Signature

1.11. Environmental Monitoring

Environmental Monitoring Program

The environmental monitoring was carried out for this project as mentioned above and this will continue until project completion. For this project the monitoring is divided into four parts, namely:

- Monitoring of project activities and actions to be undertaken by the Environmental Coordinator (ENC) appointed by the Contractor.
- The Environmental Coordinator (ENC) shall report all incidents and situations which have the potential of jeopardizing compliance of statutory provisions as well as provisions of this EMP to the Project Proponent.
- The Environmental Coordinator (ENC) shall take corrective prompt measures, adequate and long-lasting in addressing non-compliance activities or behavior.
- To ensure compliance of the Contractor ENC to the implementation of the EMP, it is highly recommended that an **External Environmental** Expert is appointed by the proponent to ensure the implementation of the EMP. The tables (4-10) provided below are to be used for monitoring purposes by the Contractor’s ENC.

Table 6 : Solid Waste Disposal: Wire, Paper, Drill bits, and Human waste

Mitigation	Compliance	Follow up Action Required	By Whom	When	Date Completed
Are disposal drums/bins available or full?					
Is there any					

Mitigation	Compliance	Follow up Action Required	By Whom	When	Date Completed
litter around the site and its surroundings?					

Table 7: Oil Spillage or used oil

Mitigation	Compliance	Follow up Action Required	By Whom	When	Date Completed
Are disposal drums available or full?					
Is there any oil spills around the site and its surroundings?					

Table 8: Land and Soil Disturbance

Mitigation	Compliance	Follow up Action Required	By Whom	When	Date Completed
Are there any deviations from the provisions of the EMP on land and soil disturbance?					
Are car track barricades in place?					

Table 9: Dust generation on site and gravel road Stretch

Mitigation	Compliance	Follow up	By Whom	When	Date
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		Action Required			Completed
Are there any deviations from the provisions of the EMP on dust pollution?					
Are the fume and particulate levels acceptable?					

Table 10: Biodiversity (Fauna and Flora)

Mitigation	Compliance	Follow up Action Required	By Whom	When	Date Completed
Are there any deviations from the provisions of the EMP on biodiversity?					
It is traipses harvesting plant taking place feeding of animal or introduction of animals?					

Table 11: Noise and Vibrations on-site

Mitigation	Compliance	Follow up Action Required	By Whom	When	Date Completed
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Mitigation	Compliance	Follow up Action Required	By Whom	When	Date Completed
Are there any deviations from the provisions of the EMP on noise and vibration on-site?					
Are there any complaints from the surroundings neighbour about noise emanating from the sites or tracks transporting materials/produce?					

Table 12: Compliance

Mitigation	Compliance	Follow up Action Required	By Whom	When	Date Completed
Are there any deviations from the provisions of the EMP on noise and vibration on-site?					
Are there any complaints from the surroundings neighbour about noise emanating from the sites or tracks transporting materials/produce?					

2. CONCLUSION AND RECOMMENDATIONS

2.1. Conclusion

In conclusion, during the reporting period, environmental compliance monitoring was undertaken for this project (NTA KVTC) during construction of phases 1a and 1b however, no biannual reports were submitted as per the provisions of the Environmental Management Act of 2007 and the approved EMP. The EMR encompasses the overall monitoring for the construction phase of the NTA KVTC. Based on the detailed inspection conducted, the construction site was found adequate and in compliance with the provisions of the approved EMP. The proponent was found in compliance with the implementation of the EMP during the construction of both phase 1a and 1b, and during the detailed inspection of the site, there were no heritage or site of cultural values which were discovered and reported to the relevant authority as per the provisions of the approved environmental management plan. The proponent will continue to implement the provisions of the EMP and follow the required procedure if happen to come across any heritage during the operational phase of the NTA KVTC.

2.2. Recommendations

In view of the inspection findings and the nature of the NTA KVTC project, which is small and supporting local employment in the town of Khorixas currently experiencing a high unemployment rate, it is hereby recommended that:

- The application for the ECC renewal for the NTA KVTC project is to be approved for activities to proceed for the next 3 years.

2.3. List of appendices

Appendix A: The proposed trades which will be taught at the KVTC are as shown in Appendix A below

Appendix B: Drawing of the completed bulk services infrastructure is attached to this report in

Appendix C: provides detailed information about employment at the NTA KVTC.

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