



REPUBLIC OF NAMIBIA

MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM  
DIRECTORATE OF ENVIRONMENTAL AFFAIRS

ENVIRONMENTAL AUDIT - (SELF AUDIT QUESTIONNAIRE)

**Please Take Note:**

1. All questions are mandatory and thus must be fully completed
2. knowingly providing false or misleading information is an offence as in terms of Section 43 (1) of the Environmental Management Act, Act No. 7 of 2007.

**Activity:** EXPLORATION ON EPL 7285 (KAMBWA MINING) FOR  
BASE METALS AND INDUSTRIAL MINERALS

1. OVERVIEW AND GENERAL INFORMATION	
a) Name of the unit and complete address	FIELD CAMP KAMBWA MINING 60 KM NORTH-EAST OF HENTIES BAY
b) What are the main activities carried out on site?	MAPPING, SAMPLING, TRENCHING, DRILLING
c) Number of people employed on site (temporary + permanent)	PERMANENT : 1 (EXCAVATOR OPERATOR) TEMPORARLY : 5
d) Is a copy of the site layout plan available?	NO
e) Are there any other projects in the area having similar activities?	EPL 7057 HAUSIKU, EPL 8397 ORANGE RIVER EXPLORATION & OTHERS
f) Environmental Clearance Certificate (ECC) Number and date issued (if available)	ECC 01175, ISSUED 29.01.2021 APPLIED FOR RENEWAL

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2. SITE HISTORY AND DETAILS	
a) When was the facility established?	FIELD CAMP ESTABLISHED IN JULY, 2023
b) Who owns the facility/industry?	KAMBWA MINING (PTY) LTD P.O. BOX 3885, WINDHOEK
c) Who owns the land and what is the type of the land?	DOROB NATIONAL PARK DESERT
d) Is the land ownership/lease document available?	STATE LAND
e) What is the total land area?	EPL 7285 : 9306 HA
f) What was the previous land use of that area (commercial, residential, industrial or agricultural)?	SMALL AND MEDIUM SCALE MINING
g) Does the facility have any citations or complaints pending against it?	NO
h) Has there ever been any major accidents on-site?	NO

3. PROCESS REVIEW	A	N/A	Comments
a) Give a detailed description of the production process.	✓		TRENCHING AND TAKING SAMPLES, DRILLING
b) Total production capacity of the plant/ project in terms of tonne per annum		✓	
c) What are the inputs required in the production process (preferably in the form of a list containing name, amount/quantity required and their price?)	✓		FUEL : N\$ 20,000 / MONTH (AVER.) WATER : N\$ 6,000 / MONTH "
d) What are the outputs produced (including pollutants) and their quantities?	✓		UP TO 1000 SAMPLE BAGS / MONTH TO BE SENT FOR ANALYSIS
e) Provide a list of all the machinery and utilities used on-site along with their capacities number, energy	✓		1 EXCAVATOR W. LOW-BOARD
f) consumption and time in use.			1 BAKKIE 1 STATION WAGON
g) How often is maintenance work carried out on-site?	✓		ROUTINE MAINTENANCE OF EXCAVATOR : EVERY 14 DAYS
h) Does any recycling/reuse of material take place on-site?		✓	

4. LICENSE AND PERMITS	A	N/A	Comments
a) Does the facility have a valid factory license? If not, has the facility applied for it? Is a copy of the application form available?	✓		EXCLUSIVE PROSPECTING LICENCE EPL 7285
b) Does the facility have a valid Consent to Operate (CTO) certificate? If not, has the facility applied for it? Is a copy of the application form available?		✓	
c) Does the facility generate hazardous waste? If it does, does the facility have authorization for storage, handling and transportation of hazardous waste as per the Hazardous Waste (Management and Handling) Rules? If not, has the facility applied for it? Is a copy of the application available?		✓	

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5. AIR EMISSIONS	A	N/A	Comments
a) What are the sources of stack and fugitive emissions in the facility?		✓	
b) Has stack and ambient monitoring carried out?		✓	
c) Does emissions meet standards specified in the CTO certificates?		✓	
d) Are monitoring records/reports maintained?		✓	
e) What are the air pollution control device that has been installed?		✓	
f) What is the frequency of cleaning and maintaining the air pollution control device?		✓	
g) Are site processes and operations free of significant fugitive air emissions?	✓		YES

## 6. Water consumption and wastewater generation

6.1 Freshwater	A	N/A	Comments
a) What is the source of freshwater? Is it metered or not?	✓		PROVIDED FROM PUBLIC NETWORK AT HENTIES BAY
b) How many boreholes are installed in the site?		✓	
c) How many flow meters are installed in the plant? What are their readings?		✓	
d) Schematic of a raw water treatment plant and DM plant e.g Sceptic tanks, filtering systems etc	✓		SEPTIC TANKS FOR TOILETS AND ABLUTION
e) Latest groundwater quality test reports		✓	
f) Specify average daily water consumption of the entire plant and in township/colony (m3/day):	✓		AVERAGE DAILY WATER USE AT CAMP: 800 LITRES / DAY
g) Has the plant / activity studied the impact of its water consumption on respective surface water source and/or groundwater table?		✓	
h) Break-up of average freshwater consumed for last two financial years?		✓	
i) Specific water consumption values for last two financial years (in m3/tonne or m3/Mwh, etc.):		✓	
j) Chemicals used in water treatment plant with quantity and price:		✓	
k) What is the capacity of the demineralization (DM) plant? What is then average quantity of water treated in DM plant (m3/day)?		✓	
l) Does the plant/ project have rainwater harvesting (RWH) system? If it does, is it rooftop, paved or unpaved?		✓	
m) Method of harvesting rainwater—Storage in artificial tanks/recharge into the pit/ trench/well		✓	
n) Total rainwater harvesting potential of the plant		✓	
o) Rainwater harvesting potential of the site developed by the plant:		✓	
p) Total rainwater harvesting done by the plant		✓	
q) Frequency of monitoring of the groundwater quality and quantity (pre- and post-monsoon) and frequency of cleaning the rainwater harvesting catchment/storage system		✓	

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r) How is the harvested rainwater utilized by the plant/ project?		✓	
s) Key measures taken by the plant/project for water conservation in the past three years and water saving achieved in terms of m3		✓	

6.2 Wastewater	A	N/A	Comments
a) Schematic diagram of an Effluent Treatment Plant (ETP) and Sewage Treatment Plant (STP) along with their capacities (attach)		✓	
b) Latest laboratory test reports of ETP and STP inlet/outlet streams		✓	
c) Does the plant/ project have separate ETP for its different products?		✓	
d) Total effluent generated by plant/ project (including all products) in last two financial years		✓	
e) Total sewerage generated by plant/ project and colony in last two financial years	✓		50 LITRES / DAY, SINCE JUNE 2023
f) Provide the details of wastewater generation and recycling in the entire facility	✓		ONLY FROM TOILETS AND ABLUTION
g) Does the plant/ project monitor the impact of wastewater on the receiving waterbody/ land?		✓	
h) What is the total number of outlets for effluent discharge from the plant/ project?	✓		ONLY TOILETS AND ABLUTION
i) Name of WTP unit/s (filtration unit/softening unit/reverse osmosis plant etc.) and its capacity and average quantity of water treated in filtration plant (m3/day)		✓	

7. NOISE POLLUTION	A	N/A	Comments
a) Does the facility have a valid factory license? If not, has the facility applied for it? Is a copy of the application form available?		✓	

8. FUEL CONSUMPTION	A	N/A	Comments
a) List the different type of fuel used in different areas of the plant/ project	✓		DIESEL FUEL FOR EXCAVATOR, FIELD VEHICLES AND GENERATOR
b) Quantification of fuel used in each process and its calorific value	✓		APPROX. 1200 LITRES / MONTH
c) How is the industry storing the different types of fuel?	✓		DIESEL FUEL STORED IN DRUMS
d) If they are using:			
Gas—Is the supply regular? If not, mention the number of hours.		✓	
Biomass—Is it available for the entire year?		✓	
Coal—Are they using low ash coke or high coke and the supply is regular or not?		✓	

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9. CHEMICAL HANDLING AND STORAGE	A	N/A	Comments
a) What are the various types of chemicals stored on-site?		✓	
b) Is a list of chemicals available?		✓	
c) How are chemicals transported?		✓	
d) What kind of containers are there for storing the chemicals?		✓	
e) Are there any above or underground chemical storage tanks on-site?		✓	
f) Are any of the chemicals toxic or harmful? How many of them are hazardous?		✓	
g) Are all the chemicals labelled?		✓	
h) Are the chemical containers' lid closed after use?		✓	
i) Are records of chemicals and dyes usage maintained in the logbook?		✓	

10. SOLID AND HAZARDOUS WASTE MANAGEMENT	A	N/A	Comments
a) What kinds of solid waste are generated on-site?	✓		HOUSEHOLD WASTE USED OIL (ENGINE)
b) What is the quantity of solid waste generated?	✓		ABOUT 150KG/MONTH
c) How is the solid waste disposed of?	✓		LANDFILL AT HENTIES BAY
d) Is any of the waste reused or recycled?	✓		NOT BY KAMBWA MINING
e) What are the sources of hazardous waste generation on-site?		✓	
f) What is the quantity of hazardous waste generated?		✓	
g) How is the hazardous waste disposed of?		✓	
h) Are hazardous waste disposal records maintained?		✓	
i) Are any of the hazardous wastes treated on-site?		✓	
j) Where are the hazardous wastes stored before disposal?		✓	

11. OCCUPATIONAL HEALTH AND SAFETY	A	N/A	Comments
a) Does the facility have a site emergency plan?	✓		YES
b) If yes, then has this plan been documented?	✓		INTERNALLY
c) What are the recognized hazards in the facility?	✓		TORRENTIAL RAIN, DUST STORMS

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d)	Are fire extinguishers available in the facility?	✓	YES
e)	What type of fire extinguisher is available?	✓	POWDER EXTINGUISHERS
f)	Are the fire extinguishers functional?	✓	YES
g)	Are facility personnel trained in its use?	✓	YES
h)	Is personal protective equipment (PPE) available for use?	✓	YES
i)	Do the workers use PPE?	✓	YES
j)	Are health check-ups for workers conducted?	✓	NO
k)	Do the workers know whom to contact in case of an emergency?	✓	YES
l)	Has any accident ever occurred on-site?	✓	NO

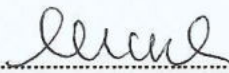
ANNOTATION: NO EXPLORATION WORK DONE IN JANUARY AND FEBRUARY 2024

Declarations

I, PETER SCHRECK.....(full name of **PROPONENT**) understand and agree that the information that I have provided in this questionnaire will be used by the Environmental Commissioner. I accept that the Environmental Commissioner will hold me accountable for any inaccurate or misleading information knowingly provided in this questionnaire, and acknowledge that the provision of such information will impede the lawful carrying out of the responsibilities and functions of the Environmental Commissioner.

I declare that the information that I have provided in this questionnaire is to the best of my knowledge, true and

Reliable.

Signature: 

Date: 25/02/2024

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