



REPUBLIC OF NAMIBIA

MINISTRY OF AGRICULTURE, WATER AND FORESTRY

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Windhoek
NAMIBIA

PERMIT NUMBER: 720

DATE: 28/05/2018

WASTEWATER AND EFFLUENT DISPOSAL EXEMPTION PERMIT ISSUED IN TERMS OF SECTION 21(5) AND 22(2) OF THE WATER ACT, 1956 (ACT 54 OF 1956) AND SECTION 70 OF THE WATER RESOURCES MANAGEMENT ACT, ACT 11 OF 2013

NAME OF PERMIT HOLDER	: Skeleton Coast Trawling (Pty) Ltd
POSTAL ADDRESS	: P.O.Box 601 Luderitz
REGION	: Karas
METHOD OF TREATMENT	Filtration
VALIDITY PERIOD	: Five (5) years
EXPIRY DATE	: 01 June 2023

1. AIM OF PERMIT

In terms of Section 21(5) of the Water Act, 1956 (Act 54 of 1956) and section 70 of the Water Resources Management Act, Act 13 of 2013, Skeleton Coast Trawling (Pty) Ltd is hereby exempted from compliance with the provisions of Sections 21(1) and 21(2) of the above-mentioned Act, in order that the wastewater, solid waste and effluent produced by Skeleton Coast Trawling (Pty) Ltd be disposed of as follows:

All official correspondence must be addressed to the Permanent Secretary

- **Domestic Wastewater**

- ✓ That the domestic wastewater be discharged into the Luderitz Municipality sewer system

- **Industrial Process**

- ✓ That the wastewater from the industrial process be filtered in a filter unit (DAF) and be disposed into the ocean
- ✓ That the stick water plant condensate and deodorizer cooling water from the industrial process be returned directly to the ocean

1. PERMIT CONDITIONS

GENERAL

- 1.1 Provided that the conditions specified below are complied with, this permit shall be valid for a period of five (5) years effective from date of issue. If, however, the average dry weather flow exceeds 9000m³/day before the expiry date, this permit shall lapse. In either event an application for the replacement of this permit shall be submitted to the Permanent Secretary for Agriculture, Water and Forestry (MAWF) for the attention of the Deputy Director: Policy and Water Law Administration.
- 1.2 The disposal of industrial effluent and operation of the treatment and disposal system as a whole shall be carried out in such a manner that no health hazards, nuisances or pollution of the marine ecosystem occur.
- 1.3 No intractable or toxic waste shall be allowed to find its way into the system. This includes any chemicals that are toxic to the biological life within the marine ecosystem system.
- 1.4 The outfall area of industrial effluent shall be out of bounds, except for operational and maintenance personnel working on the premises.
- 1.5 The system as a whole should be regularly maintained to ensure proper functioning and to detect leakages, and malfunctions. All repairs must be attended to immediately
- 1.6 The operation, monitoring and general management of the treatment and disposal system should at all times be guided by the two Acts: Water Act, Act 54 of 1956 as Water Amendment Act, No. 51 of 1979 and the newly proclaimed Water Resources Management Act, Act 11 of 2013 and the subsequent supporting documents (Regulations, Manual Codes of Practices, Policies and Plans)

INDUSTRIAL EFFLUENT

- 1.7 The industrial effluent shall be of such quality as not to cause:
 - any foaming,
 - any other nuisance such as odour,
 - any public health hazard, nuisance to the public or any toxic (harmful) effect on public health, and
 - any toxic effect on marine life and/or the marine environment.
- 1.8 The quality of such industrial effluent shall not have an effect and impact on the marine ecosystem and therefore the fishing industry.
- 1.9 The industrial effluent shall be free of gross solids and floating materials achieved through adequate screening or any efficient means of solids removal.

- 1.10 No wastewater resulting from the industrial process shall be discharged into any municipal stormwater drainage system.
- 1.11 Construction of pipes, the material chosen, and its installation shall be done in such a manner as to never create a danger or spillage, pollution or other nuisance.
- 1.12 The outfall pipe for industrial effluent shall be secured in such a way that it will not be damaged by currents or wave action.

SUPERVISION

- 1.13 The disposal of industrial effluent shall be supervised by a suitably experienced person in the employ of the Skeleton Coast Trawling (Pty) Ltd. This person shall have under his control an adequate number of suitably trained employees who shall ensure the satisfactory functioning of the system at all times.
- 1.14 The permit holder shall re-use all possible water to the satisfaction of the Permanent Secretary of the Ministry of Agriculture, Water and Forestry and shall continue to investigate and implement all possible areas of water saving and water reuse.

MONITORING, SAMPLING AND REPORTING

- 1.15 All water and effluent meters shall be in a satisfactory operational state at all times. There shall be sufficient meters to allow for an accurate compilation of water balance records showing accurate water use and effluent production.
- 1.16 Monthly records of the incoming flow to the factory shall be kept and submitted to the Permanent Secretary of the Ministry of Agriculture, Water and Forestry bi-annually or on request.
- 1.17 The industrial effluent shall be analysed twice per year for the following parameters: **pH, Total Dissolved Solids, Total Suspended Solids, Temperature, Dissolved Oxygen, Nutrients (Saline Ammonia, Total Nitrogen and Total Phosphorus), Faecal Coliforms, Biological Oxygen Demand and Fats, Oils and Grease.** The results of analysis shall be submitted to the Permanent Secretary of the Ministry of Agriculture, Water and Forestry bi-annually and on request. Skeleton Coast Trawling (Pty) Ltd will be responsible for the cost of analyses to be carried out.
- 1.18 Any duly appointed official or representative of the Department of Water Affairs and Forestry shall have the right to inspect the factory and take whatever samples deemed necessary.
- 1.19 A water demand management plan that include a summary of water balance records showing accurate water use, water re-use figures, effluent re-use and losses shall be submitted to the Permanent Secretary of the Ministry of Agriculture, Water and Forestry annually or on request.
- 1.20 The information, results and figures requested in paragraphs **11.6, 11.7 and 11.19** shall be submitted to: **The Permanent Secretary, Minister of Agriculture, Water and Forestry, Department of Water Affairs and Forestry, Division: Policy and Water Law Administration, Private Bag 13193, WINDHOEK.**

RESPONSIBILITY TO AVOID POLLUTION

- 1.21 Irrespective of the conditions as set out in the permit, Skeleton Coast Trawling (Pty) Ltd shall be responsible for and take immediate remedial action should at any time there be an unforeseen occurrence of surface including sea or ground water pollution in or outside the jurisdictional area that can be related to the activities at Skeleton Coast Trawling (Pty) Ltd.
- 1.22 The efficiency of the industrial effluent disposal system shall be evaluated by some responsible person appointed by Skeleton Coast Trawling (Pty) Ltd. This person shall submit a bi-annual report to the Permanent Secretary of Ministry of Agriculture, Water and Forestry to review the state of water pollution control and water usage at Skeleton Coast Trawling (Pty) Ltd.

AMENDMENTS

- 1.23 The Permanent Secretary of the Ministry of Agriculture, Water and Forestry may in writing amend, delete or replace any clause contained in this permit.
- 1.24 Once the Water Resources Management Act 11 of 2013 becomes enforceable permit conditions may be subject to change.

LEGAL ASPECTS

- 1.25 This permit does not confer exemption from compliance with the provisions of the Public Health Act 1919, (Act 36 of 1919) or any other law.
- 1.26 Contravention or failure to comply with any of these permit conditions shall constitute an offence and shall render the permit holder liable to prosecution under Section 21(8) of the Water Act, (Act 54 of 1956).




PERCY . MISIKA

PERMANENT SECRETARY