

ADVERTS



PUBLIC INVITATION

ENVIRONMENTAL IMPACT ASSESSMENT FOR THE CONSTRUCTION AND OPERATION OF THE FUEL RETAIL FACILITY IN KALKRAND, HARDAP REGION

Notice is hereby given to all Interested and Affected Parties (I & APs) that an application will be made to the Environmental Commissioner in terms of Environmental Management Act (No. 7 of 2007) and its Regulations (2012) for the following intended activity.

Project Name: Mensah Service Station - Kalkrand

Project Location: 444, Denkrust, in Kalkrand, Hardap Region.

Project Description: The construction of a new Fuel Retail Facility and associated convenience store.

Proponent: Mensah Service Station

Environmental Consultant: Matrix Consulting Services

Public Meeting Date: Friday, 8 March 2019

Venue: Kalkrand Recreational Centre

Time: 10h00

Matrix Consulting Services has been appointed by Mensah Service Station to conduct an Environmental Impact Assessment for the proposed fuel retail facility.

All Interested and Affected Parties (I&APs) are encouraged to register and raise concerns or provide comments and opinions. All Interested and Affected Parties will be provided with a Background Information Document (BID) comprising detailed information for the intended. Should you wish to register as I&AP and receive a BID, please contact the Matrix Consulting Services office.

Contact: Mr. Ailonga Tel: (+264-61) 224197; Fax: (+264-61) 212165;
E-Mail: environment@matrixconsultingcc.com
DEADLINE FOR COMMENTS: 15 March 2019.



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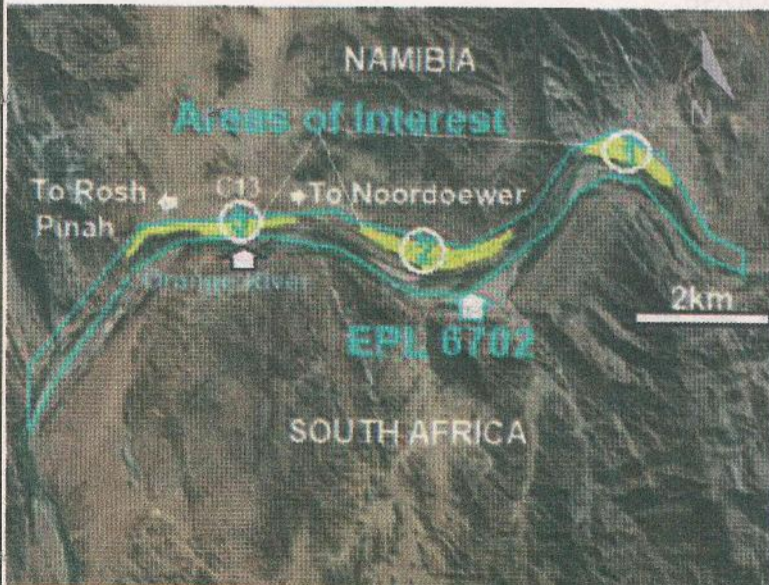
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PUBLIC NOTICE BY BASHAN TECHNOLOGIES CC APPLICATIONS FOR ENVIRONMENTAL CLEARANCE CERTIFICATE (ECC) FOR THE EPL No. 6702, LÜDERITZ DISTRICT, //KARAS REGION

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FRIDAY 29th MARCH 2019

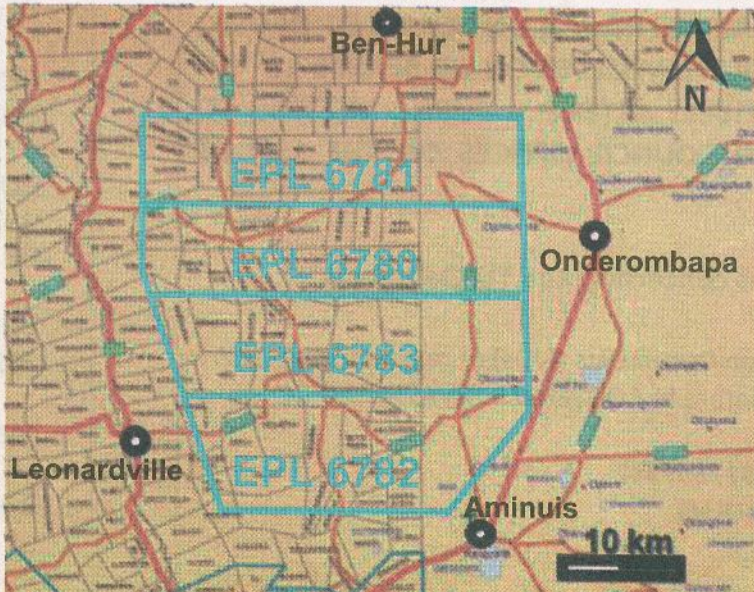


Risk-Based Solutions (RBS) CC (URL: www.rbs.com.na)
Resources (Oil, Gas, Minerals & Energy Exploration, Production & Mining) and Environmental Assessments (SEA, EIA, EMP, EMS) Specialist Consultants

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Husab workers fear for lives as Chinese get blasting contract

• ADAM HARTMAN

SWAKOP Uranium employees of the Husab mine in the Erongo region fear their safety was compromised by the company's management for contracting what they claim an 'incompetent' Chinese contractor to carry out the drilling and blasting activities at the mine.

As a result, the workers stopped working since Monday, and petitioned their employer on Tuesday to investigate the matter.

About 500 workers in the mining department stopped working, and said they will not return to work until their concerns

are investigated and the mine declared as safe by their employer. The workers warned that if this is not done soon, the processing department of about 1 200 workers would also shut down as it would not be supplied by the miners.

Vice president of human resources Percy McCallum, however, said only about 105 mine-workers are not working as there are 105 workers per shift, and there are three shifts.

Mineworkers Union of Namibia (MUN) branch chairman for Swakop Uranium, Timoteus Katjuaende, who read the petition, said the workers

did not trust Beifang Mining Services after they learned that there were "a number of high potential incidents" related to the use and handling of explosives on site, and yet no apparent action was allegedly being taken by the company.

The workers accused Swakop Uranium of quickly suspending mining operations after an operator was killed in a truck accident last year on the mine site, and having terminated a contract for a local security company for alleged non-conformance, "but turn a blind eye" on issues that involve the Chinese expatriates and companies contracted

by Swakop Uranium.

"Misconduct is misconduct, and non-compliance is non-compliance, whether the transgressor is Namibian or Chinese," charged Katjuaende.

The union accused Swakop Uranium's CEO, Cai Yushen, of turning a blind eye when Chinese break the rules or are not compliant, and in this case, the contractor is "doing experiments with explosives", or being irresponsible when handling explosives. But when confronted, they allegedly sneer at "Namibian laws".

The union alleges that Beifang Mining Services has a bad track record in terms of safety and quality compliance, yet they still managed to get the five-year contract through a "questionable tendering process".

MUN secretary for information and publicity Teofilus Teofilus said according to the Namibian Labour Act, the employer has an obligation to provide a safe and healthy environment for employees.

Some high potential incidents pointed out by the workers show that on 17 February, two live detonators were discovered on site by an excavation operator while busy



preparing for a drilling process.

Another incident, on 16 February, allegedly occurred while an excavator was doing final wall scaling. The operator discovered two live detonators.

On 12 February, an incident happened in a pit while a hydraulic shovel was loading a haul truck, which resulted in a detonation after a shovel bucket came into contact with a detonator and set off a booster, resulting in the detonation.

Incidents referred to go

as far back as 2016, but operations were allegedly not stopped.

The union is accusing the blasting company of using the Husab mine as an experimenting ground or training academy, which is done at the expense of the workers' safety and depriving Namibian professionals, especially young graduate mining engineers, artisans and surveyors the opportunity to develop themselves.

The company currently also does civil blasting services, mostly for all

Chinese firms around the country, such as Cheetah Cement at Otjiwarongo and a coal mine at Opuwo.

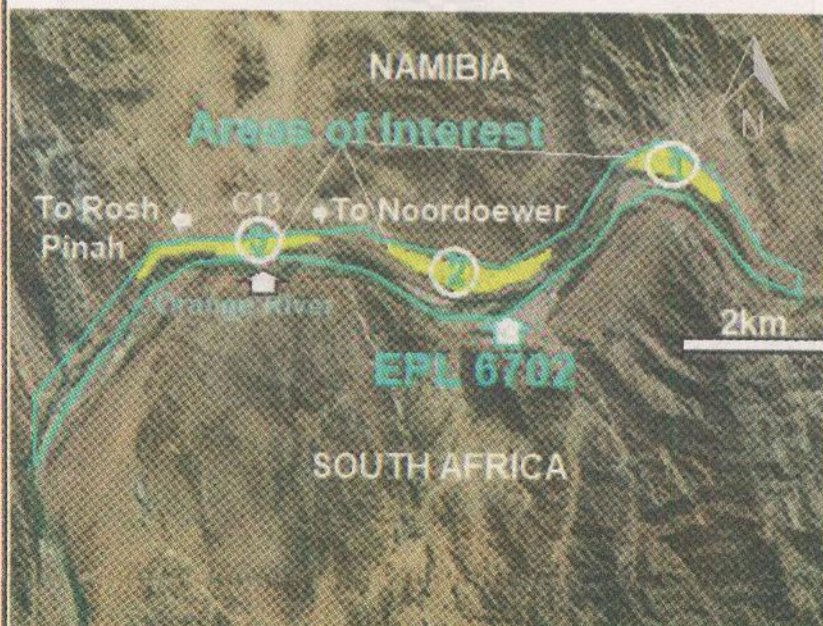
The Namibian tried to reach out to Beifang Mining Services, but there was no answer. A message was left, but by the time of going to the printers, there was no response.

This company does not have any explosives magazine elsewhere, but using Husab mine explosives magazines for their commercial purposes outside Husab's operations.

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GIPF invests N\$17,4m in housing development at Eenhana

THE Government Institutions Pension Fund (GIPF) has invested N\$17,4 million in housing aimed at low and medium income groups at Eenhana in the Ohangwena region.

This was revealed by Ohangwena governor Usko Nghaamwa in a speech read on his behalf at the official opening ceremony of the new GIPF office at the town on Tuesday.

He said the housing development in Extension 6 will consist of 271 houses, and will greatly contribute towards the housing shortage in the region.

"The GIPF, through its unlisted investments, has been implementing some of the Harambee Prosperity Plan's pillars, such as social progress and infrastructure development by delivering housing and servicing land for their members," he noted.

Speaking at the same event, GIPF board of trustees' chairperson Goms Menette said the Eenhana housing unit development under the developer Formosa Island Investment consists of 271



Goms Menette

erven, of which 124 are already serviced.

Eighty-five houses in phase one and 97 houses in phase two have been sold to date.

"This development came as a requirement to provide low-cost and decent housing to accommo-

date low, middle and high-income earners in a bid to ease land and housing shortages within the town of Eenhana," he added.

The GIPF is aiming to construct 30% of the 20 000 housing units envisaged under the Harambee Prosperity Plan, - *Nampa*

Agriculture & Tourism Conservation

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- Pastoral
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Impacts of climate change on livestock productivity

By Erastus Ngaruka

CLIMATE change is a long term change in climatic/weather patterns of the earth or region. Such change is observed in temperature and rainfall patterns amongst others. It is being evidently reported that the earth temperature is on an increase and that rainfall activities have become unpredictable in many parts of the world, and Namibia is evidently experiencing the adverse effects of climate change. The agricultural output is primarily driven by climatic events, and these have adverse effects on both food and water availability in agroecosystems, hampering sustainable crop and Livestock productivity, as well as farmers' livelihoods.

The climate change effects can be direct or indirect. Livestock productivity is directly reliant on rangeland productivity which in turn is determined by soil moisture availability and environmental



Erastus Ngaruka

temperature. The management aspects as secondary determinants of agricultural output, should therefore aim at mitigating or enhancing farmers' adaptation to climate change events.

Climate change has been characterized by increases in environmental temperature, hence the extreme heat wave

being experienced in all parts of Namibia currently, and figures of more than 40°C were recorded especially in the southern regions. The direct impact of this on livestock is the heat stress which negatively affects their wellbeing and performance.

Heat stress and feed intake

When an animal is eating, the digestive processes generate heat and increases the body temperature. For example, the normal body temperatures (°C) of cattle, Sheep and goats are; 38.5, 39, 39.5 respectively. When the body temperature increases beyond the normal, then the animals physiological functioning is affected and could be detrimental or life threatening in extreme cases. These ruminant animals (cattle, goat, and sheep) under normal circumstances will prefer to graze/forage during cooler hours of the day (early morning, late afternoon, or night) to avoid heat stress. They would only rest during the hot hours of the day to ruminate or re-chew the food they have

eaten, breaking them into smaller pieces to enhance digestion further.

Grazing during the hot hours will mean too much heat will be exerted on the animal, from the sunlight and from the internal digestive processes rendering it to heat stress. This means the animal's physical activities such as walking, and feed intake will have to be reduced in order to maintain normal or optimal body temperature, and this in turn compromises the animal's nutrition and health status, and the overall performance. These will be experienced as nutrient deficiencies, poor growth rate and body condition, reduced milk yield, and poor reproduction amongst others.

Heat stress and reproduction

High temperature also affects livestock reproduction. The heat stress forces animals to reduce their exhaustive physical activities which also includes mating. The female animal's reproductive system as well as the sperm production process in male animals can be adversely affected by high temperature. Heat stress is said to depress the release of reproductive hormones such as the oestrogen and progesterone, compromising the consequent processes of oocyte (female egg cell) growth, oestrus (heat) cycle, conception, embryo development, and foetus growth amongst others. In male animals, high temperature negatively affects the process of sperm production, leading to temporal infertility.

Preventing heat stress in livestock

Although animals have the ability to adapt to environmental conditions and management regimes, the hot environments will compromise their potential physiological functioning and overall performance to some degree. It is therefore advisable to minimize the exposure of your animals to extreme high temperatures.

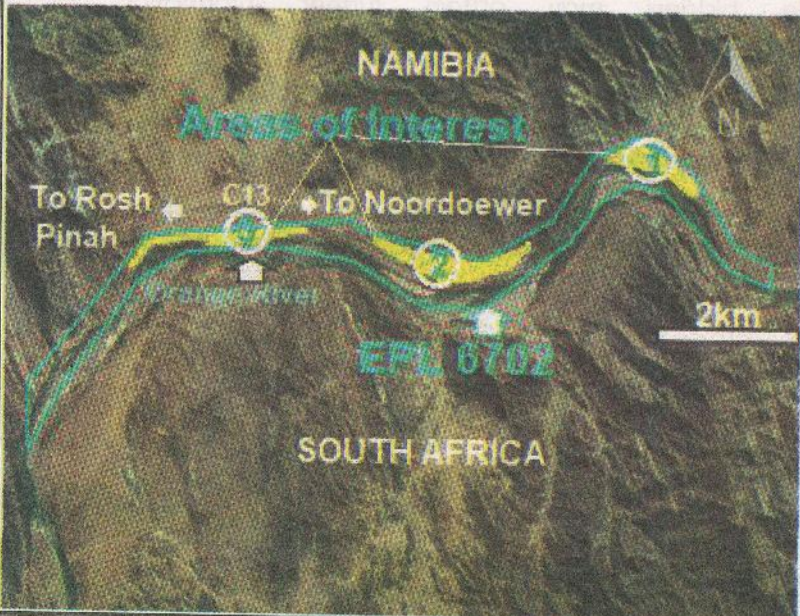
In the hot environments or when animals forage during the hot hours of the day, the water demand or intake increases. Thus, animals should have daily access to clean, cool and sufficient water. Water has a direct role of quenching the thirst and in digestion, and is importantly used as a coolant by animals through the sweating mechanism.

This article is compiled by Erastus Ngaruka, Technical Officer: Livestock within Agribank's Agri Advisory Services Division.

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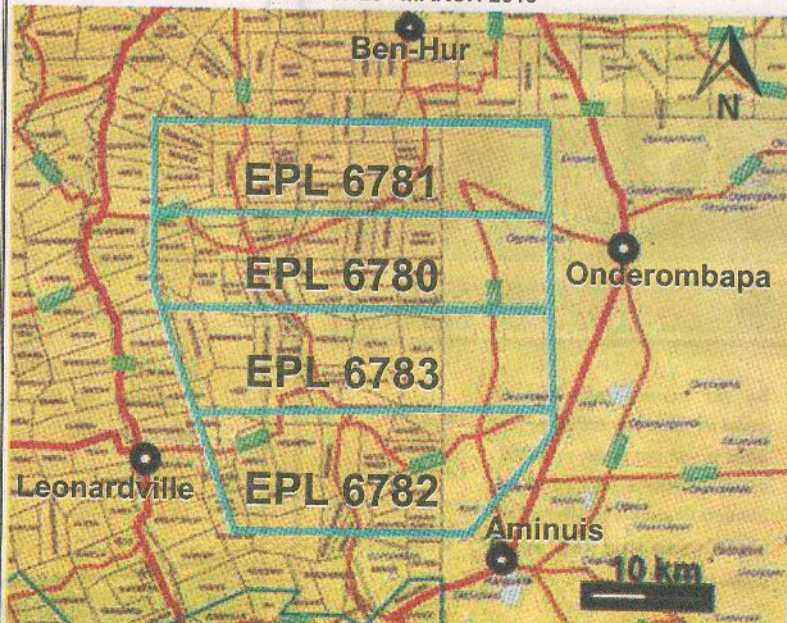


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