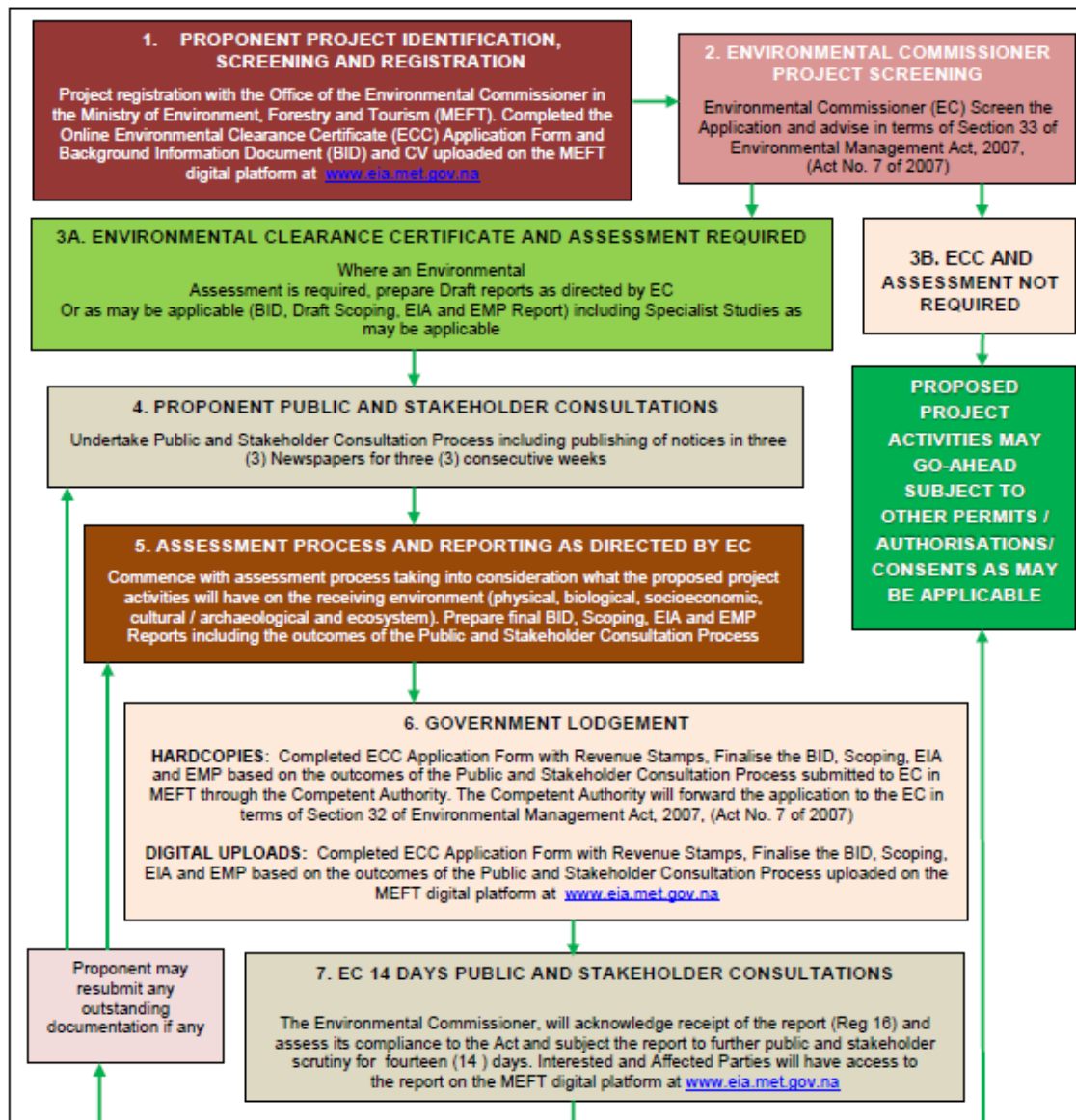


3.2.2 Public Consultations

Public consultation and engagement must be part of the environmental assessment process for this project. According to the Environmental Impact Assessment (EIA) Regulations No. 30 of 2012 and the Environmental Management Act, (EMA), 2007, (Act No. 7 of 2007), a person conducting a public consultation process must give notice to all Interested and Affected Parties (I&AP) of the application which is subjected to public consultation.

The EIA Regulations clearly state that potential interested and affected parties must be provided with a reasonable opportunity (21 days) to comment on the application under Section 21(6) of the EIA

Regulations. In line with the provisions of the regulations, the 1st advertisement was published in the Windhoek Observer weekly newspaper dated 22nd February 2019 informing all the I&AP about the proposed exploration (Fig. 3.2). Additional adverts were published in Namibian Newspaper dated 28th February 2019 and Confidante Newspaper dated 7th – 13th March 2019 (Figs. 3.3 and 3.4).



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: Messiah Service Station - Kalkrand

Project Location: 04, Desfontein, in Kalkrand, Hardap Region

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

Proponent: Messiah Service Station

Environmental Consultant: Merits Consulting Services

Public Meeting Date: Friday, 09 March 2019

Venue: Kalkrand Environmental Office

Time: 18h00

Merits Consulting Services has been appointed by Messiah 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 objections and evidence. All Interested and Affected Parties will be provided with a thoroughgoing Information Document (ID) containing detailed information for the intended. Should you wish to register as I&AP and receive a ID, please contact the Merits Consulting Services office.

Contact No.: +354 961 22417, Fax: +354 961 22420
 E-Mail: info@meritsconsulting.com
 DEADLINE FOR COMMENTS: 15 March 2019.

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Saturday,
23 February 2019

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 3 Bedrooms from N\$745,000
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Including ALL costs

9:00 – 13:00
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 Mariëtte 081 877 8910
 Izelle 081 611 9094
 Anelle 081 611 4786
 Call for more information

WANT TO ADVERTISE?
Call: 411800

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

BASHAN TECHNOLOGIES CC (the Proponent) hold mineral rights for base and rare metals, industrial minerals, precious metals, precious stones and semi-precious stones under the Exclusive Prospecting License (EPL) No. 6702 granted on 14/03/2018 and will expire on the 14/03/2021. The EPL No. 6702 area totalling 684 Ha is situated along the Orange River and fall within the Ai/Ais-Richtersveld Transfrontier Park. The proponent intend to undertake diamonds exploration and possible small-scale test mining activities over a very limited Area of Interest as shown in yellow and marked 1-3 on the map below. The Areas of Interest marked 1-3 are not pristine and are already highly disturbed by previous diamonds exploration and mining operations. The proponent intend to undertake prospecting using techniques such as geological mapping, trenching and bulk sampling followed by small scale test mining. The proposed prospecting and small-scale test mining activities are listed in the Environmental Management Act, 2007, (Act No. 7 of 2007) and the Regulations and cannot be undertaken without an Environmental Clearance Certificate (ECC), in fulfilment of the environmental requirements, the Proponent has appointed Risk-Based Solutions (RBS) CC as the Environmental Consultant and led by Dr. Sindile Malya as the Environmental Assessment Practitioner (EAP) to prepare the Scoping and EMP Report in order to support the application for ECC. All Interested and Affected Parties (I&AP) are hereby invited to register and submit written comments / objections / inputs with respect to the proposed prospecting and small-scale test mining activities in the EPL No. 6702. Background Information Document (BID) is available upon registration.

REGISTER BY EMAIL: info@rbs.com.na or Contact Dr. Sindile Malya for more information: sindile@rbs.com.na Mobile: 0811412320
DEADLINE FOR WRITTEN SUBMISSIONS IS:
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

PUBLIC NOTICE BY HEADSPRING INVESTMENTS APPLICATIONS FOR ENVIRONMENTAL CLEARANCE CERTIFICATE (ECCs) FOR THE EPLs Nos. 6780-6783, GOBABIS DISTRICT, OMAHEKE REGION

HEADSPRING INVESTMENTS (Pty) Ltd (the Proponent) hold mineral rights for Nuclear Fuels under the Exclusive Prospecting License (EPLs) Nos. 6780-6783, all granted on the 12/02/2018 and will expire on the 11/02/2021. The individual EPLs sizes ranges between 90000-950000 Ha. The proponent intend to undertake prospecting for Nuclear Fuels using techniques such as aerial surveys, regional and local geological mapping, trenching, drilling and sampling. The exploration process will start with desktop and aerial studies, followed by ground reconnaissance of targets and detailed assessment if proves positive. No specific potential targets have so far been delineated in these EPLs Areas. Once a potential target has been delineated, the proponent will notify the land owners and request for permission to access the target area/s. Depending on the outcomes of the initial assessments, an Access Agreement may be negotiated with the land owners. The proposed prospecting activities are listed in the Environmental Management Act, 2007, (Act No. 7 of 2007) and the EIA Regulations 30 of 2012 and cannot be undertaken without Environmental Clearance Certificate (ECCs) for each EPL. In fulfilment of the environmental requirements, the Proponent has appointed Risk-Based Solutions (RBS) CC as the Environmental Consultant and led by Dr. Sindile Malya as the Environmental Assessment Practitioner (EAP) to prepare the Scoping and Environmental Management Plan (EMP) Report in order to support the applications for ECCs. All Interested and Affected Parties (I&AP) are hereby invited to register and submit written comments / objections / inputs with respect to the proposed prospecting activities in the EPLs Areas. A combined Background Information Document (BID) is available upon registration.

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Figure 3.2: Copy of the Public Notice published Windhoek Observer Newspaper dated 22nd February 2019.

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 contract work 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 safe by their employer. The workers 'wished 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 McCullum, 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, Timotius Katjuandje, who read the petition, said the workers

did not trust Beijing 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-compliance. 'But turn a blind eye' on issues that involve

by Swakop Uranium. 'Misconduct is misconduct, and non-compliance is non-compliance, whether the transgressor is Namibian or Chinese,' charged Katjuandje.

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', arching responsibility when handling explosives. But, when confronted, they allegedly sneer at 'Namibians lives'.

The union alleges that Beijing 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 Teofim Teofilius 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 sealing. 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 hooster, 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 Chosroh Cement in Oshanaungwa and a coal mine in Oshanaungwa.

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

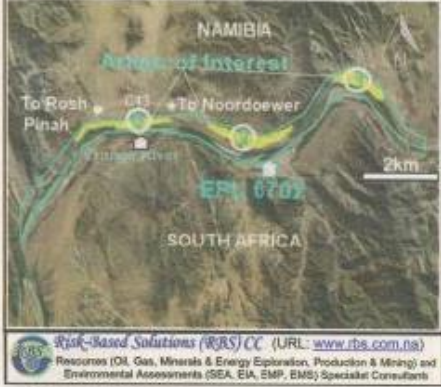
This company does not have any explosives magazine elsewhere, but using Husab mine explosives magazines for their commercial purposes outside Husab's operations.

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

BASHAN TECHNOLOGIES CC (the Proponent) hold mineral rights for base and rare metals, industrial minerals, precious metals, precious stones and semi-precious stones under the Exclusive Prospecting Licence (EPL) No. 6702 granted on 16/03/2016 and will expire on the 15/03/2021. The EPL No. 6702 area totalling 664 Ha is situated along the Orange River and falls within the Ai-Ais-Richtersveld Transfrontier Park. The proponent intend to undertake diamonds exploration and possible small-scale test mining activities over a very limited Area of Interest as shown in yellow and marked 1-3 on the map below. The Areas of Interest marked 1-3 are not pristine and are already highly disturbed by previous diamond exploration and mining operations. The proponent intend to undertake prospecting using techniques such as geological mapping, trenching and bulk sampling followed by small scale test mining. The proposed prospecting and small-scale test mining activities are listed in the Environmental Management Act, 2007, (Act No. 7 of 2007) and the Regulations and cannot be undertaken without an Environmental Clearance Certificate (ECC). In fulfillment of the environmental requirements, the Proponent has appointed Risk-Based Solutions (RBS) CC as the Environmental Consultant and led by Dr. Sindiia Mwaia as the Environmental Assessment Practitioner (EAP) to prepare the Scoping and EMP Report in order to support the application for ECC. All interested and Affected Parties (I&AP) are hereby invited to register and submit written comments / objections / inputs with respect to the proposed prospecting and small-scale test mining activities in the EPL No. 6702. Background information Document (BID) is available upon registration.

REGISTER BY EMAIL: fordbask@rbs.com.na or Contact Dr. Sindiia Mwaia for more information: sindiia@rbs.com.na. Mobile: 0811413229

DEADLINE FOR WRITTEN SUBMISSIONS IS: FRIDAY 28th MARCH 2019



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 Oshanaungwa region.

This was revealed by Oshanaungwa governor Ukuu Nghamwa 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 unbiased 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 Fomosa Island Investment consists of 271



Goms Menette

even, 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 accommodate 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. - *Namdeb*

Figure 3.3: Copy of the Public Notice published Namibian Newspaper dated 28th February 2019.

Agriculture & Tourism Conservation

- Subsistence
- Pastoral
- Horticulture

Impacts of climate change on livestock productivity

By Frans Ngaruka

CLIMATE change is a long term change in climate/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 critically 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



Frans 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 (climate), 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 increase the body temperature. For example, the normal body temperature (°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 not mix during the hot hours of the day to minimize 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 animals 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 animals nutrition and health status, and the overall performance. There 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 animals 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 subsequent processes of oocyte (female egg cell) growth, oestrus (heat) cycle, conception, embryonic 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 Frans Ngaruka, Technical Officer - Livestock within Agribank's Agri-Advisory Services Division.

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

BASHAN TECHNOLOGIES CC (the Proponent) hold mineral rights for base and rare metals, industrial minerals, precious metals, precious stones and semi-precious stones under the Exclusive Prospecting Licence (EPL) No. 6702, granted on 18/03/2018 and will expire on the 15/03/2021. The EPL No. 6702 area totalling 684 Hektar situated along the Orange River and fell within the Ai-Wa-Ribitseroek Tsaletfontein Park. The proponent intend to undertake diamonds exploration and possible small-scale test mining activities over a very limited Areas of Interest as shown in yellow and marked 1-3 on the map below. The Areas of Interest marked 1-3 are not pristine and are already lightly disturbed by previous diamond exploration and mining operations. The proponent intend to undertake prospecting using techniques such as geological mapping, trenching and bulk sampling followed by small scale test mining. The proposed prospecting and small-scale test mining activities are listed in the Environmental Management Plan (EMP) (Act No. 7 of 2007) and the Regulations and cannot be undertaken without an Environmental Clearance Certificate (ECC). In fulfillment of the environmental requirements, the Proponent has appointed Risk-Based Solutions (RBS) CC as the Environmental Consultant and led by Dr. Sindia Mwaia as the Environmental Assessment Practitioner (EAP) to prepare the Scoping and EMP Report in order to support the application for ECC. All interested and Affected Parties (I&AP) are hereby invited to register and submit written comments / objections / inputs with respect to the proposed prospecting and small-scale test mining activities in the EPL No. 6702. Background Information Document (BID) is available upon registration.

REGISTER BY EMAIL: envclear@rbs.com.na or Contact Dr. Sindia Mwaia for more information: smwaia@rbs.com.na Mobile: 0811413229
DEADLINE FOR WRITTEN SUBMISSIONS IS: FRIDAY 29th MARCH 2019



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PUBLIC NOTICE BY HEADSPRING INVESTMENTS APPLICATIONS FOR ENVIRONMENTAL CLEARANCE CERTIFICATE (ECC) FOR THE EPL Nos. 6780-6783, GOBABIS DISTRICT, OMAHEKE REGION

HEADSPRING INVESTMENTS (Pty) Ltd (the Proponent) hold mineral rights for Nuclear Fuels under the Exclusive Prospecting Licences (EPLs) Nos. 6780-6783, all granted on the 23/02/2018 and will expire on the 11/02/2021. The individual EPLs cover ranges between 50000-100000 Ha. The proponent intend to undertake prospecting for Nuclear Fuels using techniques such as aerial surveys, regional and local geological mapping, trenching, drilling and sampling. The exploration process will start with desktop and aerial studies, followed by ground reconnaissance of targets and detailed assessment if proven positive. No specific potential targets have so far been delineated in these EPL Areas. Once a potential target has been delineated, the proponent will notify the land owner and request for permission to access the target area. Depending on the outcomes of the initial assessments, an Access Agreement may be negotiated with the land owners. The proposed prospecting activities are listed in the Environmental Management Act, 2007 (Act No. 7 of 2007) and the EIA Regulations 30 of 2012 and cannot be undertaken without Environmental Clearance Certificates (ECCs) for each EPL. In fulfillment of the environmental requirements, the Proponent has appointed Risk-Based Solutions (RBS) CC as the Environmental Consultant and led by Dr. Sindia Mwaia as the Environmental Assessment Practitioner (EAP) to prepare the Scoping and Environmental Management Plan (EMP) Report in order to support the applications for ECCs. All interested and Affected Parties (I&AP) are hereby invited to register and submit written comments / objections / inputs with respect to the proposed prospecting activities in the EPL Areas. A combined Background Information Document (BID) is available upon registration.

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Figure 3.4: Copy of the Public Notice Confidante Newspaper dated 7th – 13th March 2019.