



**PUBLIC PARTICIPATION REPORT FOR:
ENVIRONMENTAL AUTHORISATION AND MINING PERMIT APPLICATION
FOR TYOLOMNQA (KEISKAMMA) FARM 1163 IN THE EASTERN CAPE
PROVINCE**

REPORT NO: ATS-1902AE01



DATE: 17 JULY 2019



Prepared By:



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REPORT DISTRIBUTION LIST

Name	Institution
Community Members	Dyam-Dyam, Nqinisa and Phози Village

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Background

Assured Turnkey Solutions (Pty) Ltd (ATS) has been appointed as an Environmental Authorisation Practitioner (EAP) by Vendicom (Pty) Ltd, as duly authorised by the law, to conduct Basic Environmental Assessment for the Tyolomnqa Mining project. In turn ATS appointed Lugaju Innovations as the Public Participation Specialist for the project. During a basic assessment process a meeting called a Public Participation (PP) is held to notify the community and all the interested and affected parties about the project, and are given a chance to comment about the project or raise their concerns.

Public Participation Process

During the public participation process five steps need to be followed which are REACH, ENGAGE, CAPTURE, REPORT and COMPLY

Reach

On the 2nd of July 2019 Lugaju Innovations plugged posters around Dyam-Dyam, Nqinisa and Phozi Village notifying the public about the public participation meeting that was going to be held on the 12 July 2019 at Dyam-Dyam Community Hall. The posters were written in both English and isiXhosa. They contained information about the project, venue, time and date that the meeting is going to be held, and contact details of Lugaju Innovations and ATS representatives.

Engage

On the 12th July 2019 Lugaju innovations and ATS held the meeting at Dyam-Dyam community hall. The attendees were community members from Dyam-Dyam , Nqinisa and Phozi Village, Vendicome representatives and all the interested and affected parties such as people who own businesses nearby the villages. All the information regarding to the project was summarised and presented to the audience using a power point presentation presented by Dr Igbinigie, full reports pertaining to the project are available on the Lugaju Innovation website and at the East London Library.

Dr Igbinigie stated that this project is managed by Vendicom (Pty) Ltd which is a company located in Johannesburg, but the director of the company is originally from Tyolomnqa. Vendicom then appointed Assured Turnkey Solutions (ATS) (Pty) Ltd as an EAP which is also a company from Johannesburg. In turn Assured Turnkey Solution appointed Lugaju Innovations (Pty) Ltd located in East London as Public

Participation Specialist for this project. In all, this project is conducted by three companies which are Vendicom the project manager, ATS the independent EAP and Lugaju Innovations the Public Participation Specialist. He then explained that it is required by the law that an independent EAP is appointed for this kind of project to make sure that the environment and the people are protected. This means ATS and Lugaju Innovations comments and reports regarding this project are not influenced by Vendicom in any way.

Dr Igbinigie explained that Vendicom (Pty) Ltd has proposed the mining of sand minerals including Zircon, Ilmenite and Rutile of heavy mineral concentrates. The dry sand mining process for the sand minerals will include the use of front-end loaders of 100tph head feed modular plant (Primary Concentrator Plant - PCP) to produce Heavy Mineral Concentrate (HMC) that will include approximately 700tph of Zircon, Ilmenite and Rutile in a concentrate mix. Water will be abstracted from river (Tyolomnqa River) or from borehole for dust suppression and other domestic use. Which means no chemical will be introduced, at the end there will be only three products which are sand, water and the minerals. The water will then be recycled, the sand will be returned to the ground and the minerals will be stockpiled and left to dry and then sent to IDZ in East London for further separation then shipped overseas.

He then further explained that this project will create job opportunities, 20 jobs will be created during the construction phase and 22 job will be created during the operation phase. He then stated that downstream job opportunities can be created through rendering services such as security, accommodation, etc. by the community he also added that in cases where the community cannot render some services required during operation phase, the community will be asked to outsource someone who can render the services required. He also stated that there will be a 12 hour shift of plant operation.

With the use of projected presentation slides Dr Igbinigie explained the process ATS is still undertaking for this project. Dr Igbinigie explained that the site will be rehabilitated at completion phase of the project, the grass will be replanted and all the land will be left in a state in which it was found. He then showed the community where the site is located and showed the distance between the site and the beach and also the distance between the site and the nearest village. He then explained that in order for this project to get approved, a number of licenses and permits are needed which are environmental authorization that goes with water license and heritage resource permits which takes 5 years to expire, and also mining permit that expires after 2 years.

He explained that in order for these permits and licenses to be granted a basic assessment process has to be conducted which includes public participation meeting, specialist studies and consultation with competent authorities. The meeting we are conducting right now is part of the public participation process, also the plugging of posters, registration of the interested and affected parties and the commenting about the project also fall under the process. He emphasized that it is very important that everyone sign the circulating register so that they can be notified of any information that rises regarding the project. In the consultation process Department of Economic Development, Environment and Tourism, Department of Water and Sanitation and Department of Mineral Resources have already been consulted, and they requested 6 specialist studies to be conducted which includes biodiversity assessment, archeological and heritage assessment, geohydrological study, geotechnical study, soil and rehabilitation assessment and also a baseline socio-economic assessment.

Biodiversity Assessment- This report focuses on the natural state of the proposed mining site (Deeply eroded grass land). Invasive species were found and this means that the site will be easily rehabilitated. Biodiversity rescue plan was also advised, this means specialist will go on site and identify all important plants and save them so that they can be replanted after the project.

Geohydrological Study – The intent is to take groundwater through a borehole. This study is to determine whether there is groundwater present to be used. It was advised that if groundwater is used, the water must be replenished so that it doesn't harm the nature reserve by the sea and also monitoring boreholes will be constructed.

Archaeological and Heritage Study- This study entails two methods which are desktop study and site assessment. In desktop assessment, the specialist makes use of readily available project. It was discovered that there could be a possibility that old bones and historical artifact could be found at this site. If during operation of the proposed project historical artifacts are found activities will have to be halted. Next week specialist will come to site and do site assessment.

Geotechnical Assessment- Study to determine whether the land is suitable for mining, no landslide might arise. It was advised that dewatering of land should be practiced to avoid water collection or ponding which may cause the soil to soften and result in landslides or collapsing of the land.

Baseline Socio Economic Assessment – Provides proof of employment and also look at the socio-demographic and -economic profile of the population with specific reference to the mining industry in the

East London (Tyolomnqa) area. It is reported 20 jobs during construction phase will be created and 22 job during the operation phase. The project will run for 2 years, and if production is viable then the project will be extended for another year until it reaches 5 years. Even though only 42 jobs will be created in total, the community can propose other services to render to Vendicom. During the meeting, the audience were given a chance to raise their comments and ask question. All the questions were attended to by Dr Zuma and Dr Igbinigie, and are as follows.

•Q1- Mr Sothondoshe from Dyam-Dyam asked whether the project is being approved by the Department of Environmental Affairs.

•A1- Dr Igbinigie answered yes, the project is being approved by the Department of Environmental Affairs. All the information is available online and the link will be shared with everyone.

•Q2- Mr Sothondoshe asked how far the site is from the beach and from the nearest community.

•A2- Dr Zuma stated that the site is 1.3 km away from the beach and 1.8km away from the nearest village

•Q3- Mr Lumkile asked whether there's a person to help us identify whether this project will be beneficial for the community, and in terms of percentage how much each community will benefit.

•A3- Dr Igbinigie stated that there's a baseline socio-economic assessment that will look into those things, and make sure the community benefits from this project. Dr Zuma stated that as Dr Igbinigie said before, ATS and Lugaju Innovations are independent companies to help the community and the environment. Their comments and views about the project are not influenced by anyone, so they will make sure everyone is protected and the environment.

•Q4- Mr Mndlenkosi asked if Dr Igbinigie can explain what he mean when he said only Interested and Affected Parties (I&AP's) will get notify if new information arises.

•A4- Dr Igbinigie stated since there won't be any plugging of notices, only people who signed the register and filled in their contact details and people who registered as I&APs' will get notification regarding the project.

•Q5- Mr Mndlenkosi asked how are the stated job opportunities going to be divided amongst the three communities

•A5- Mr Kulati stated that they will find a way to make sure that the job opportunities will be divided fairly amongst the three communities. He also emphasized that people should propose to render services to create jobs for themselves

•Q6- Mr Sothondoshe asked what measures did Vendicom put in place to make sure the will be rehabilitated

•A6- Dr Igbinigie stated that a rehabilitation plan and also other measures have been advised to the client such as recycling the water used, Plan Rescue Plans, etc. All information is available online and at the East London Library.

•Q7- Mr Olivieri asked what measures Vendicome put in place to prevent dust pollution.

•A7- Dr Igbinigie stated that dust pollution issues have been captured on the geotechnical report. Dust compressors will be used to combat dust pollution. Asphalt will be mixed with water and sprayed on the

roads and onsite to minimize dust pollution. Dust bags will be placed onsite and on the roads to monitor dust.

•Q8- Mr Lumkile asked whether Vendicom will do a medical check on everyone once the project is done to see if there's any health negative effect on the community due to the project.

•Q8- Dr Zuma stated that competent authorities will monitor all the risks that may occur and will have people who will come on site and assess it. Monitoring measures will be putted in place and the department will not approve anything that may put people's lives at risk.

•Q9- Mr Sothondoshe asked when is ATS and Lugaju Innovations going to advertise the project on the newspaper

•A9- Dr Zuma stated that the project has already been advertised on the Go express newspaper, all the information and articles about the project are available online.

•Q10- Mr Lumkile asked when is the community going to be taken to site.

•A10- Dr Zuma stated that Vendicom will deal with that issue

Mr Kulati stated that the community site visit is still under negotiations

Capture

Meeting minutes were recorded during the meeting, and will be formatted into a report which will be later submitted to the competent authority as part of a final Basic Assessment Report.

Report

A final Basic Assessment report will be compiled which will include all the information pertaining to the project and will be submitted to a competent authority who is going to decide whether this project will be granted an environmental authorisation

Appendices

Appendix 1: Basic Assessment Report Draft

Appendix 2: Background Information Document

Appendix 3: Public Participation Meeting Minutes

Appendix 4: Public Participation Power point Presentation