

NOTICE OF REVIEW & COMMENT: SCOPING PHASE

APPLICANT: Witkop Fluorspar (Pty) Ltd

PROJECT: Kanakies Gypsum Mine

PROJECT AREA: Farm Kanakies 332, Loeriesfontein, Northern Cape

REF. #: NC30/5/1/2/3/2/1 (10136) MR

19 March 2018

Dear Sir / Madam;

Please find attached minutes of the recent public meeting held at the Loeriesfontein Community Hall for your perusal.

Further to this, please note that the **Draft Scoping Report** will be available for public review and comment at the following locations as of 23rd March 2018 – 23rd April 2018:

LOCATION:	ADDRESS:	CONTACT DETAILS:
Loeriesfontein Public Library	4 Hoof Straat, Loeriesfontein	loeriesfonteinlib@ncpg.gov.za
Online	www.cabangaenvironmental.co.za Click on the "public documents tab", select the project and document of interest before completing the form. Once the form has been submitted the Document will be available for download.	011 794 7534 Michelle Venter

Comments on the minutes and/or Draft Scoping Report can be submitted to:

Cabanga Environmental

Tel: 011 794 7534

Fax: 011 794 6946

E-mail: michelle@cabangaenvironmental.co.za

Please be so kind as to ensure that your comments reach us on or before 23rd April 2018.



Further to this, we wish to bring your attention to an error in the background information document, advertisements and notice. Please note that the correct listed activities applicable to the project include:

APPLICABLE LISTING NOTICE	ACTIVITY NO.:
Listing Notice: 1 of NEMA	19,22, 27,30,
Listing Notice 2 of NEMA	6, 15, 17,
Listing Notice 3 of NEMA	4, 10, 12
GNR 921 of NEM:WA	A(14), B(7), B(10), B(11)

We trust that you find the above in order and look forward to hearing from you.

Thank you and regards,

Michelle Venter



MINUTES OF MEETING

PROJECT NAME: Kanakies Gypsum Mine
DATE: 9 February 2018
TIME: 10:00am
LOCATION: Loeriesfontein Community Hall

1. Attendance:

Name:	Initial:	Company / Farm / Institution:
Ken van Rooyen	KVR	Cabanga Environmental (Presenter)
Michelle Venter	MV	Cabanga Environmental (Minutes)
Jaco Erasmus	JE	Witkop Fluorspar
Nothabo Tshuma	NT	MTS Holdings
Juan Basson	JB	I&AP
Isak Nel	IN	I&AP
Dale Goemas	DG	LDJ Services and Recycle
A. Grobbelaar	AG	I&AP
Jan Hugo	JH	I&AP
Leroy Mostert	LM	I&AP
Abraham Olivier	AO	I&AP
KD Nel	KN	I&AP
Willem Stout	WS	ASLA
Kevin Swarts	KS	I&AP
Beaucannith Swartz	BS	Recycling business
David Okhuis	DO	I&AP
Richard Mollat	RM	I&AP



Name:	Initial:	Company / Farm / Institution:
Daniel Beukes	DB	I&AP
Sonia Beukes	SB	I&AP
Margeretha Pieterse	MP	I&AP
Gerskull Matthys	GM	I&AP
Jeneline Stout	JS	I&AP
Johannes Malgas	JM	I&AP
Fytjie Dreyer	FD	Dreyers Rust
Roderque Dreyer	RD	Lykskomitee
Perulnal Jacobs	PJ	German Skoplid
Patrick Souw	PS	I&AP
Darryl Ryeh	DR	I&AP
Aletta Beukes	AB	I&AP
Laetitia Swarts	LS	I&AP
Roslin Mouton	RM	I&AP
Nerichia Gouws	NG	I&AP
Willem Basson	WB	Wakka Bee Construction
Johanna Basson	JB	Dump it recycle
Benjamin Waterboer	BW	I&AP
Alichia Basson	AB	I&AP
Beukes	B	I&AP
Charmaine Manus	CM	I&AP
Milly Strauss	MS	I&AP
Hendrieka Witbooi	HW	I&AP
Johanna Witbooi	JW	I&AP
Frans Gouws	FG	I&AP
Kathleen Spangenberg	KS	I&AP
Verity Witbooi	VW	I&AP



Name:	Initial:	Company / Farm / Institution:
Aneen Gouws	AG	I&AP
Albert Basson	AB	I&AP
Lydia van Zyl	LVZ	I&AP
Naphalton Ryk	NR	I&AP
Andries Klaaste	AK	I&AP
Abraham Witbooi	AW	I&AP
Willa Plaatjie	WP	I&AP
Dacoaclan van Rooyen	DVR	I&AP
Maria Strauss	MS	I&AP
Jacobus van Zyl	JVZ	I&AP
Linda Adonis	LA	I&AP
Catherine Gouws	CG	I&AP
Bronwen Olivier	BO	I&AP
Glenn Basson	GB	I&AP
John Stout	JS	I&AP
Diert Beukes	DB	I&AP
Stytjie Dreyer	SD	I&AP
Duncan Basson	DB	I&AP
Johannes Strauss	JS	I&AP
Franklin Ryk	FR	I&AP
Leandro Bon	LB	I&AP
Magdalena Farmer	MF	I&AP
Clara Steyn	CS	I&AP
Richard Mollat	RM	RH Brooks & Electronics
Neville Kleynhans	NK	I&AP
Keit Lirzon	KL	I&AP
Wayne Opperman	WO	I&AP



Name:	Initial:	Company / Farm / Institution:
Eltonio Hamman	EH	I&AP
Giel Nieholtz	GN	I&AP
David Okhuis	DO	Dbm Business
Sylvester Hoopman	SH	I&AP
Antonio Beukes	AB	I&AP
Joshiamo van Zyl	JVZ	I&AP
Ankinaii Moutar	AM	I&AP
Jonathan Justin Strauss	JJS	I&AP
Topah Scheepers	TS	I&AP
Jemeeq Souw	JS	I&AP
Ro-Jean van Zyl	RVZ	I&AP
Lena Urion	LU	I&AP
Savanna Basson	SB	I&AP
Marilyn Scheepers	MS	I&AP
Petrus Souw	PS	I&AP
Frikkie Gous	FG	I&AP
Sylvia Gous	SG	I&AP
Janine Souw	JS	I&AP
Hendrina Beukes	HB	I&AP
Maria Hufio	MH	I&AP
Eugene Thomas	ET	I&AP
Jaenre Farmer	JF	I&AP
Nerichia Gouws	NG	I&AP
Adriaan Stout	AS	I&AP
Whitney Beukes	WB	I&AP
Enrico Mostert	EM	I&AP
Juanitta Andrews	JA	I&AP



Name:	Initial:	Company / Farm / Institution:
Beaucannith Swartz	BS	I&AP
Andre Cloete	AC	I&AP
Carl Fortuin	CF	I&AP
Jayden Gous	JG	I&AP
Riaan van der Merwe	RVDM	Klein Graafwater Farm Owner

2. Opening & Welcome:

- Ken van Rooyen (KvR) opened the meeting, introduced himself and welcomed the attendees. Noted that Cabanga had been appointed as the environmental assessment practitioners to undertake the environmental application process.
- Outlined the agenda and format of the meeting. Explained that the meeting had originally been planned as an open-day question and answers session. However, due to the large amount of people arriving at 10:00am it was decided to rather conduct the meeting in the form of presentation followed by a question and answers session.
- Introduced the project team:
 - Jaco Erasmus, representing the proponent, Witkop Fluorspar;
 - Michelle Venter of Cabanga Environmental; and Nothabo Tshuma of MTS Holdings, responsible for the compilation of the Social and Labour Plan (S&LP).

3. Purpose of the Meeting:

- KvR explained that this was the first of two public participation meetings. The purpose of this meeting is to introduce the project to the public and to provide an overview on the environmental authorisation process going forward. It may not be possible to address all concerns or questions at this meeting, these will however be noted and assessed during the environmental impact assessment process.
- I&APs can raise comments, queries or concerns during the meeting or submit these in writing via fax, e-mail or post.
- All comments received from Interested and Affected Parties (I&APs) will be included in the environmental reports and submitted to the Department of Mineral Resources. Requested that all attendees please sign the attendance register.

4. Project Description:



- KvR provided a short summary of the proposed project description:
 - Approximately 45km east-south-east from the project site is the town Loeriesfontein, Northern Cape.
 - The site falls on farm Kanakies 332 Portion 0 (Remaining Extent).
 - The mineral that will be mined is gypsum and it will be mined via surface trench mining. The depth of the trenches will be between 1.4 metres - 2.5 metres. The gypsum will be for agricultural and industrial markets.
 - As they mine the trenches, when they are finished with one trench they will carry onto the other trench and backfill the previous one. This is known as roll over rehabilitation.
 - The powder layer will be screened and foreign objects removed. The clay layer will be roll-crushed and then screened with a high frequency.
 - The project will create approximately 14 permanent jobs but mining will make use of contractors where more jobs will be created.
 - Product will be transported via truck or rail using the existing rail and rail siding on the farm.

5. Principal Laws & Applications:

- Explained that South Africa has a number of Environmental Laws in place, with which a new development or mine must comply before they can commence.
- The principal authorisations required for the proposed Kanakies project include a Mining Right in terms of the Minerals and Petroleum Development Act; Environmental Authorisation in terms of the National Environmental Management Act; a Waste Management License in terms of the Waste Management Act, a Water Use License in terms of the National Water Act and authorization through the National Heritage Resources Act.
- Other authorisations are also required in terms of managing emissions; relocating endangered species and rezoning.

6. Environmental Authorisation Process:

- Explained that the application for Environmental Authorisation will follow a Scoping and Environmental Impact Assessment (EIA) process.
- In total approximately 150 days is allocated for the completion of the Scoping and Environmental Impact Assessment, including the public review.



- Following which, the authorities have approximately 150 days to consider the application and issue a Record of Decision.
- The Scoping Report is currently being compiled. The purpose of the report is to potential impacts and areas for further investigation in the EIA phase. The EIA report will assess the impacts on a detailed level and included a number of specialist studies.

7. Potential Environmental Impacts:

- The following preliminary impacts have been identified with the project and will be included in the Scoping Report:
 - Change of land use.
 - Change in topography due to excavations and stockpiling activities.
 - Increased noise as a result of machinery and vehicles.
 - Increased dust and emissions due to vehicle movement, stripping and stockpiling activities.
 - Soil erosion and compaction.
 - Loss of soil fertility.
 - Decrease in water quality and quantity.
 - Impact on groundwater levels and quality.
 - Loss of biodiversity, specialist studies undertaken to ensure that protected species are not in danger and are relocated if they are found.
 - Potential for alien invasive encroachment, management plans to eradicate alien invasive growth.
 - Deterioration of visual aesthetics and sense of place.
 - Increased traffic.
 - Potential loss of heritage and cultural sites, anything that is over 60 years old has heritage and cultural importance.
 - Influx of job seekers to area.
- Positive impacts identified include:
 - Economic Development, an increase in cash flow in the area will help the towns businesses.
 - Job creation, increase in employment for locals.
 - Contribution to taxes and GDP, development in the town contributes to the overall development of the country.

8. Service Requirements & Proposed Infrastructure:



- The proposed service and infrastructure requirements were listed:
 - All mining and ancillary minerals handling will be performed using diesel driven machinery and/or electricity generated by diesel driven generators.
 - Water will be required for dust suppression and potable/domestic use only. This will be sourced from a borehole located on site (81m³/day).
 - General waste will be collected for disposal at the Municipal dump.
 - Industrial waste (if generated) will be collected for disposal at a suitably licensed facility.
 - Sewage will be collected within conservancy tanks to be emptied by honey sucker for treatment at a suitably licensed facility.
 - A mobile crushing and screening plant will be utilised onsite.
 - Mobile "container" offices will be erected.
 - A vehicle park area, including workshop and bays will be constructed.
 - A built hydrocarbon storage will be required (max 30m³).
 - Gravel access roads (10km x 5m wide) will be constructed.
- Approximately 14 permanent jobs will be created. Jaco Erasmus (JE) stated that, skills that would be required by the mine include drivers and TLB operators. Services will be required for drilling of boreholes, windmill installation and repair, office construction, waste collection and management etc. as well as laboratory services.

9. Specialist Studies:

- As was mentioned earlier specialist studies will need to be undertaken for this project. Some of these studies have already commenced as they have seasonal requirements. The following specialist studies are anticipated for the project:
 - Freshwater Ecology (Wetlands)
 - Terrestrial Ecology (Fauna & Flora)
 - Soils, land use and land capability
 - Visual Assessment
 - Air quality
 - Surface water
 - Groundwater
 - Heritage
 - Traffic
- If there are any additional comments on the area or environment you can email or call Michelle Venter (MV) for consideration.

10. Way Forward:



- Minutes of the meeting and a copy of the presentation will be sent to all registered I&APs.
- The Draft Scoping Report will be made available for public review for a period of 30 days. Notification will be sent out to all registered I&APs. This report will be made available at the Loeriesfontein Public Library and as well as online at www.cabangaenvironmental.co.za
- All comments received will be included in the final Scoping Reports for submission to the Department of Mineral Resources.
- A second PPP meeting will be held during the EIA / EMP phase of the project. All registered I&APs will be invited to attend. In addition to this the EIA / EMP report and completed specialist studies will also be made available for public review once complete.
- DMR will issue a Record of Decision based on the EIA / EMP report and all I&AP's will be notified of the decision as well as the appeal procedure.
- Only if and once a Mining Right, Environmental Authorisation and Water Use License is issued can the mining proceed.

11. Questions and Answers:

- Jaco Erasmus (JE) requested that queries regarding Skills Development, Procurement and Employment Opportunities be directed to MTS Holdings, Ms. Nothabo Tshuma (NT) I.
- Nothabo Tshuma (NT) stated that she is here for the benefit of the people. If you have a concern and a solution then bring it to me, we want to make the mine a success for the business and community perspective.
- KvR opened the floor for a questions and answers session.



Interested and Affected Party	Issues/Question raised	Response
Environmental Questions and Answers :		
I&AP (name not stated)	The site is not located on Calvinia Road and the direction of the site from Loeriesfontein is incorrect.	Thank you, we will look into it and make the changes if necessary.
Karel Nevil (KN)	What is the process and how will the locals get jobs for this project?	CV's and business profiles can be forwarded to MTS Holdings. These will be considered should the mine's application be successful.
Richard Mollat (RM)	<p>What type of waste will the mine create? Will there be hazardous waste?</p> <p>If the whole process takes 300 days this means that smaller companies are able to get their registration and affairs ready; so that they can be used by the mine.</p> <p>Will your business need to be on a database?</p>	<p>The mine will generate general waste as well as limited amounts of hazardous waste. Used hydrocarbons and oil rags etc. are considered hazardous waste.</p> <p>No disposal will take place on site. Waste will need to be removed by a contractor for disposal at a licensed facility.</p> <p>CV's and business profiles can be forwarded to MTS Holdings for inclusion in a database. These will be considered should the mine's application be successful.</p> <p>Employment and procurement will be sourced from Loeriesfontein as far as possible.</p>
Linda Adonis (LA)	If there are protected plants in the area they need to relocate within Loeriesfontein and not in other areas.	This is required in terms of the Health and Safety Laws. Medicals will be undertaken prior to personnel starting work on the mine; this will also need to be undertaken annually

Interested and Affected Party	Issues/Question raised	Response
	<p>The mine needs to make provisions for medicals before and after so that we do not get sick from the mine and then the mine says that they didn't make the workers sick. This needs to be kept on record as dust could impact our health.</p> <p>We have an issue with other companies coming in and not giving the locals employment, people are sourced from outside the area. Murray & Roberts came in and did that. We weren't given opportunities.</p> <p>We in general would like to know what skills are needed to work at a mine as we do not have mines in the area.</p>	<p>thereafter. Exit medicals are also required by law when leaving a mine.</p> <p>In terms of dust, an air quality study will be undertaken and dust fallout monitoring will be proposed for the mine going forward. These results can be requested by the public.</p> <p>Witkop Fluorspar is a small company, and the proposed mine will have limited job opportunities as discussed in the presentation. The company endeavors to employ locals as far as possible.</p>
Johanna Basson (JB)	<p>Impact studies are undertaken for projects, and the companies are considered compliant but people still get sick.</p>	<p>Ongoing monitoring is important to ensure compliance with the relevant standards and to ensure mitigation is efficient.</p> <p>Samples will need to be analysed by accredited laboratories and compared to relevant Standards. This is then submitted to the various Authorities.</p> <p>The public is allowed to request monitoring data.</p>

Interested and Affected Party	Issues/Question raised	Response
		The health effects of mining gypsum are much lower compared to coal and uranium. Precautions taken are the same with all the mines regardless of mineral.
Isak Nel (IN)	The locals have many skills and need to be considered. How will they handle people who need jobs?	CV's and business profiles can be forwarded to MTS Holdings for inclusion in a database. These will be considered should the mine's application be successful. MTS Holdings is responsible for the compilation of the Social and Labour Plan which will outline the procurement and employment policies of the project.
I&AP (name not stated)	How long will the mine be open for?	The estimated life of mine is roughly thirty (30) years.
I&AP (name not stated)	The mine will only create 14 permanent jobs? That is not a lot.	That is correct; it is a very small project. CV's and business profiles can be forwarded to MTS Holdings for inclusion in a database. These will be considered should the mine's application be successful.
I&AP (name not stated)	You will mine the gypsum, take it away and sell it somewhere else. That profit goes to another area. 14 permanent jobs are not a lot of jobs.	There is no market for gypsum in this area. The processing will occur at the mine not in other towns or provinces.

Interested and Affected Party	Issues/Question raised	Response
		<p>Although only 14 permanent jobs will be created there is still a knock on effect by using contractors and services.</p> <p>Gypsum is sold for R10/ton, thus it is not as profitable as other mines. This needs to be kept in mind when putting the project into perspective.</p>
Riaan Vd Merwe (RvdM)	<p>Will there be any permanent structures on the land?</p> <p>The main concern is safety, it is mainly elderly people living on these farms and we worry about farm attacks. We will also worry about theft in the area if a mine opens.</p>	<p>Container offices will be utilized. No permanent structures will be constructed on site.</p> <p>Safety is a valid concern and we will make note of it.</p>
Meeting adjourned.		