MINUTES OF PUBLIC MEETING

Date: 23 April 2014
Time: 11h00
Venue: Val Hotel, Val
Purpose: To provide feedback to interested and affected parties on the Sasol Mining – Impumelelo Mine, Mahemsfontein Inclusion Project, Draft Scoping Report and to provide them with an opportunity to ask questions about the project and indicate their concerns.
Facilitator: Sonja van de Giessen

Present: Refer to the attached the complete signed attendance register for the details of all attendees (refer to Appendix A of these minutes).

Table 1: Meeting Attendees

<table>
<thead>
<tr>
<th>Name</th>
<th>Surname</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>Emile</td>
<td>Blaauw</td>
<td>Sasol Group Services, SHE PSS: Environment.</td>
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<tr>
<td>Jabu</td>
<td>Buthelezi</td>
<td>Private</td>
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<td>Jacob</td>
<td>Bwamini</td>
<td>Private</td>
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<tr>
<td>Jacques</td>
<td>du Plessis</td>
<td>Sasol Mining (Pty) Ltd. Mining Rights Division</td>
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<tr>
<td>Prince</td>
<td>Gule</td>
<td>Private</td>
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<tr>
<td>Khosi</td>
<td>Hadebe</td>
<td>Private</td>
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<td>Cedric</td>
<td>Khumalo</td>
<td>Private</td>
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<td>December</td>
<td>Khumalo</td>
<td>Private</td>
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<tr>
<td>Kallie</td>
<td>Le Roux</td>
<td>Sasol Mining (Pty) Ltd.</td>
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<tr>
<td>Eugene</td>
<td>Louw</td>
<td>Hatch GOBA</td>
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<tr>
<td>Natalie</td>
<td>Lubbe</td>
<td>CSEC¹</td>
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<td>Maphaseka</td>
<td>Mabaso</td>
<td>Private</td>
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<td>Thandy</td>
<td>Mabaso</td>
<td>Private</td>
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<td>Sibingiseni</td>
<td>Mahibuka</td>
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<td>Khumalo</td>
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<td>Zoleka</td>
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<td>Siyabonga</td>
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<tr>
<td>Gabisile</td>
<td>Mofokeng</td>
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¹ CSEC: Clean Stream Environmental Consultants (Pty) Ltd.
Note: It should be noted that the minutes is not intended as a verbatim transcript of comments or discussion that took place during the meeting, but rather a summary of discussions and action items.

1. Opening of the meeting:

Sonja van de Giessen welcomed all to the Sasol Mining (Pty) Ltd. Impumelelo Mine public meeting.

2. Welcome & Introduction:

Sonja van de Giessen introduced the CSEC representatives who are the independent Environmental Practitioners for the Sasol Mining (Pty) Ltd. Impumelelo Mine project. The following CSEC representatives were in attendance:

- **Natalie Lubbe**: Environmental Scientist, CSEC.
- **Xanthe Taylor**: Environmental Scientist, CSEC.

Sonja van de Giessen requested Natalie Lubbe to introduce each representative of Sasol Mining (Pty) Ltd. The meeting was attended by the following Sasol Mining (Pty) Ltd. representatives:

- **Emile Blaauw**: Environmental Manager for the Impumelelo Mine from Sasol Group Services (SGS).
- **Kallie Le Roux**: Construction Manager from Sasol Mining (Pty) Ltd.
- **Eugene Louw**: Construction Manager from the RSV ENCO GOBA JV².
- **Gail Nussey-Vos**: Senior Manager: Environment³ from Sasol Mining (Pty) Ltd.

² RSV ENCO GOBA JV – RSV ENCO and GOBA Coal Joint Venture.

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<td>Sello</td>
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<td>Thabiso</td>
<td>Moyo</td>
<td>Private</td>
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<td>Thomas</td>
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<td>Glenda</td>
<td>Msimango</td>
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<td>James</td>
<td>Mphuti</td>
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<td>Maria</td>
<td>Mtshweni</td>
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<td>Sinenhlanhla</td>
<td>Ngwenya</td>
<td>Private</td>
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<td>Gail</td>
<td>Nussey-Vos</td>
<td>Sasol Mining (Pty) Ltd.</td>
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<td>Thokozani</td>
<td>Sibeko</td>
<td>Private</td>
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<td>Sabagha</td>
<td>Sibisi</td>
<td>Private</td>
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<tr>
<td>Xanthe</td>
<td>Taylor</td>
<td>CSEC</td>
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<td>Tsotetsi</td>
<td>Thabo</td>
<td>Private</td>
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<tr>
<td>Sonja</td>
<td>Van de Giessen</td>
<td>CSEC</td>
</tr>
<tr>
<td>Dawie</td>
<td>Van Jaarsveld</td>
<td>Surrounding land owner</td>
</tr>
<tr>
<td>Hester. C</td>
<td>Van Jaarsveld</td>
<td>Surrounding land owner</td>
</tr>
</tbody>
</table>
• **Jacques du Plessis**: Sasol Mining Rights Division from Sasol Mining (Pty) Ltd.

**Sonja van de Giessen** indicated that the meeting was being recorded by means of a video recorder and a Dictaphone for minute keeping purposes.

### 3. Objectives of the meeting, and Rules & Procedures to be followed:

**Sonja van de Giessen** informed all members present that the purpose of the meeting was to provide all I&APs with a better insight and understanding into the proposed project and enable I&APs the ability to participate the project process. Attendees were informed that Impumelelo Mine: Mahemsfontein reserves is currently in the Scoping Phase under the MPRDA (2002), and the project will continue through to the EMP phase. It was indicated that the purpose of the meeting was to discuss the Environmental Authorisation process, and that no new employment opportunities are available.

The rules of the meeting were as follows:

- All attendees were requested to switch off their cellphones.
- Directions were given to the toilets at the venue.
- The nearest exits were pointed out in case of an emergency.
- Attendees were made aware that the presentations would be presented first, and then followed by questions and answers. Any attendee who wished to ask a question was requested to clearly state their name and the organisation which the attendee represented before their question was asked.
- **Sonja van de Giessen** requested that all questions were directed through her, as the facilitator, who would then request the appropriate representative to respond to each question.
- Every attendee would be given the opportunity to speak during the questions and answers session after the presentation.

**Sonja van de Giessen** requested that all attendees ensure that they have signed the attendance register and invited all attendees to complete the registration form that was made available.

### 4. Project overview and EMP processes

**Sonja van de Giessen** introduced Emile Blaauw to give an introduction to the proposed project.

**Emile Blaauw** (SGS) indicated that Brandspruit Mine (a Sasol Mine) is nearing the end of its life. The coal at Brandspruit mine is nearly depleted, and therefore Sasol has commenced with Construction at Impumelelo Mine to continue to supply Sasol Synfuels with coal. The construction at Impumelelo Mine commenced approximately three years ago. The first section will move from Brandspruit to Impumelelo in October this year, and it is anticipated that the full complement of staff will have moved over to Impumelelo Mine by 2019. The proposed project

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4 I&APs: Interested and Affected Parties.
6 EMP: Environmental Management Programme.
entails increasing the area associated with Impumelelo Mine as indicated in the plan on the reverse of the Agenda (refer to the Agenda attached as Appendix B of these minutes). The construction at Impumelelo Mine is fairly advanced, two shafts have reached the coal seam, and a third shaft, overland conveyor, office, and sewage plant are still being constructed.

Sonja van de Giessen thanked Emile Blaauw for the project introduction and introduced Natalie Lubbe to give a presentation on the Environmental Authorisation Process.

Natalie Lubbe (CSEC) made use of a PowerPoint presentation which is attached as Appendix C of these Minutes and is summarised below.

Slide 1: Title Slide

Slide 2: Contents
The presentation will include an introduction about the project, the details of the Scoping Phase that has already been undertaken and the details of the EMP phase that must still be undertaken.

Slide 3: Introduction
Sasol Mining has been operating in the area for approximately 30 years. As was already indicated in the introduction by Emile Blaauw, Brandspruit Mine will be replaced by Impumelelo Mine.

Slide 4: Introduction (continued)
The slide provides a regional setting indicating the location of the mine in relation to Standerton, Secunda, Leandra and Balfour. The location of Val was indicated on the map. The red line indicates the Impumelelo Mine boundary that has already been approved. The blue shaded area shows the Mahemsfontein farm that is proposed to be added to the mine boundary area.

Slide 5: Introduction (continued)
The target coal for Impumelelo Mine is the 2 and the 4 seams; however, the coal to be mined within the Mahemsfontein area is only the 4 seam. Coal will be mined by underground mining methods, where after it will be transported to the surface and then via the overland conveyor to the existing plant at Brandspruit.

The Impumelelo Mine coal reserve area consists of an area of 21 000 hectares, and it is anticipated that 252 Million tons of coal will be mined over a period of approximately 30 years.

The coal will be mined using a combination of underground mining methods. Coal will be mined using bord and pillar mining, where some coal is removed and some coal is left behind to form pillars. In some areas stooping will be used to then also mine the remaining pillars.

Slide 6: Introduction (continued)
The slide indicates the areas that will be mined underground. The red outline indicates the approved Impumelelo Mine, the blue shaded area is the Mahemsfontein farm and the brown shaded areas indicate where coal will be mined.
Slide 7: Introduction (continued)
Sasol intends to commence with mining at the Mahemsfontein area in approximately 2021, depending on the development of mining before then. The proposed project entails only the underground mining of coal within the Mahemsfontein area, as an addition to the approved Impumelelo Mine. There is no additional surface infrastructure forming part of this project. There may be the need for a ventilation shaft in the future, but this will only be determined at a later stage. If necessary, the relevant authorisation will be applied for at a later stage for such infrastructure.

Slide 8: Process followed thus far – Scoping Report
In terms of the MPRDA\(^7\) (2002), CSEC is applying for Environmental Authorisation on behalf of Sasol Mining for the proposed project. The MPRDA (2002) splits the process into two Phases, the Scoping Phase and the EMP Phase. The purpose of the Scoping Phase is to determine what information we already have about the proposed project and then set out a plan of study for the EMP Phase.

This is the first opportunity provided to I&APs to give feedback on the proposed project. The EMP Process can still be steered by the comments received from I&APs. If there are any questions that are raised that cannot yet be answered, the answers need to be determined during the EMP Phase. The process is quite lengthy and there are likely to be a few months that pass before we hold another public meeting in the EMP Phase.

Slide 9: Process followed thus far – Scoping Report (continued)
The MPRDA (2002) requires that the Scoping Report includes a description of the proposed project, how the project will be implemented and what should be further investigated during the EMP Phase.

Slide 10: Process followed thus far – Scoping Report (continued)
The specific objectives of the Scoping Phase are to provide an opportunity for the applicant (Sasol), the authorities (DMR\(^8\)) and I&APs to exchange information and express their views about the project. The study will then focus on the anticipated impacts as well as the issues and concerns raised. This allows for efficient environmental Management in the long run.

Slide 11: Process followed thus far – Public participation
Individuals that may be influenced by the project were identified. The database generated during the initial application for the Impumelelo Mine was also used. Registration forms have been made available today; please complete these forms to ensure that you are added to the database of interested and affected parties.

Slide 12: Process followed thus far – Public participation (continued)
Newspaper advertisements were placed in the Echo Ridge newspaper, the Middelburg Observer and the Cosmos news. The newspaper advert included some information about the project, the meeting and invited interested persons to provide any comments they may have on the project.

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\(^8\) DMR: Department of Mineral Resources.
Slide 13: Process followed thus far – Public participation (continued)
Eight onsite notices were placed within and around the area. The onsite contains the same information that was included on the newspaper advert.

Slide 14: Process followed thus far – Public participation (continued)
The Scoping Report that has been compiled is available for public comment. Interested and affected parties are invited to provide feedback on the report or ask questions about the report. The document has been available since the 08th of April and will remain available for comment until the 13th of May. There is a hard copy of the report at the Sasol Security office (at Impumelelo Mine) as well as at the Greylingstad post office. A copy is also available on our website (www.cleanstream.co.za). If you do view the document, please provide some comments were the space on the document is provided for this.

Slide 15: Process followed thus far – Public participation (continued)
Once all the concerns and questions have been gathered, they are added to the Scoping Report that has been made available for comment. The finalised Scoping Report will be submitted to the DMR, who will then decide whether or not to approve the document. Assuming that the document is approved, the EMP phase will be commenced with

Slide 16: Process followed thus far – Amendment of EMP
The EMP process starts with an application in terms of Section 102 of the MPRDA (2002). This is essentially a process whereby the mine asks permission from the DMR to amend their existing EMP.

The existing EMP will thereafter be amended to include the Mahemsfontein area. The EMP will include the compilation of additional specialist studies specifically for the Mahemsfontein area, including:

- Soil, land use and land capability study.
- Fauna and flora study.
- Groundwater study.
- Wetland study.
- Heritage study.

Slide 17: Process followed thus far – Amendment of EMP (continued)
Once the EMP has been compiled a full public participation process will be help. The project will be advertised with newspaper advertisements and onsite notices, invitations will be sent to those on the database of interested and affected parties, and another public meeting will be held. This provides you with another opportunity to provide comments on the proposed project. After the public comment period the EMP will be finalised and submitted to the DMR for decision making.

Slide 18:
Please feel free to ask any questions relating specifically to the inclusion of the Mahemsfontein area into the Impumelelo Mine during the question and answer session.
5. General discussion – Questions, comments and remarks

Sonja van de Giessen requested that all questions be directed to her as the facilitator and she would direct the questions to the relevant person on the panel. The floor was then opened for questions.

The first speaker from the floor introduced himself as Dawie van Jaarsveld who is a local farmer whose farm is located to the south of the proposed Mahemsfontein Extension of Impumelelo Mine. Dawie van Jaarsveld enquired whether Sasol Mining (Pty) Ltd. would be conducting borehole sampling to measure the water level and quality, and whether the results thereof would be made available to the surrounding land owners. Dawie van Jaarsveld also enquired as to what procedure Sasol Mining (Pty) Ltd. would follow in the case of surrounding land owners’ water being polluted or water level dropping due to mining activities.

Natalie Lubbe of CSEC responded that water sampling was already being conducted by Sasol Mining (Pty) Ltd. at Impumelelo Mine, and as mentioned in the presentation, the groundwater study will be updated during the EMP phase which will include the proposed Mahemsfontein extension area. Natalie Lubbe continued to explain the process followed during the groundwater study will include a monitoring programme which will indicate which boreholes the mine must monitor on a regular basis, based on the information the groundwater specialist has gathered, which will provide the data which will indicate whether or not impacts are occurring. Monitoring at the proposed Mahemsfontein site must have commenced before the construction phase can begin. If an impact is detected during monitoring, the mine must address the issue. Natalie Lubbe also explained that in order to address Mr van Jaarsveld’s question entirely, one must wait for the updated groundwater study to be complete in order to have access to the groundwater model. The groundwater model will indicate the extent to which a decrease in water may reach and impact upon surrounding land owners, how far the polluted groundwater is expected to spread, and what the best mitigation measures will be to follow. Natalie Lubbe concluded that the second half of Mr van Jaarsveld’s question will be answered through the proposed mitigation measures included in the EMP, and therefore the second portion of his question could not be fully addressed at that point.

Jacques du Plessis from Sasol Mining (Pty) Ltd. added that Sasol Mining (Pty) Ltd. does have an existing procedure which must be adhered to, and groundwater monitoring must commence prior to mining. The surrounding land owners must and will be consulted and Sasol Mining (Pty) Ltd. will come to the property of a land owner where water has been impacted by mining activity and the results will subsequently be provided to the land owner.

Emile Blaauw of Sasol Mining (Pty) Ltd. added that a groundwater monitoring network had already been established, therefore, groundwater level monitoring has commenced through a network of 15 boreholes of varying depths, which includes the Mahemsfontein area.

Natalie Lubbe of CSEC concluded that if a landowner feels the current monitoring programme is not sufficient or if a land owner wants to have their water tested; a landowner would be welcome to request the monitoring data from Sasol Mining (Pty) Ltd. in order to better understand the layout of the boreholes being monitored, and provide feedback to the mine.
The second speaker introduced herself as Mrs Hester van Jaarsveld, and requested who the contact would be at Sasol Mining (Pty) Ltd. should she wish to request a copy of the borehole monitoring.

Jacques du Plessis of Sasol Mining (Pty) Ltd. responded that the department to contact would be the Sasol Mining Rights and Property Department.

As the name of the correct contact person was not available, CSEC and Sasol Mining (Pty) Ltd committed to provide Mrs van Jaarsveld with the contact details at a later stage.

[Note: Rio Kgatle is the relevant contact person in this regard. He can be contacted at:
Tel:  (017) 614 8032
Cell:  079 505 7942
E-mail: abram.kgatle@sasol.com]

Natalie Lubbe added that any person who would like to reach Sasol Mining (Pty) Ltd. may contact CSEC, and CSEC will communicate with both Sasol Mining (Pty) Ltd. and the I&AP concerned to ensure that the relevant contact person is obtained. Jacques du Plessis concluded that the office number Mrs Hester van Jaarsveld may use to contact Sasol Mining (Pty) Ltd. Mining Rights and Property Department is (017) 614 8030.

Dawie van Jaarsveld requested to have the concept of coal seams explained; in particular the 2 and 4 coal seams, as seen in the presentation on slide five.

Natalie Lubbe explained that coal seams are part of the geological sequence. The Geological sequence takes the form of layers of for example; sand and rock. Specifically in Mpumalanga, there are five layers of coal, known as seams. These seams are named the one seam, two seam, three seam, four seam and the five seam. There is a geological sequence of layers which consist of layers of coal which are separated by either shale, sandstone or dolerite specifically in the Mahemfontein area. Natalie Lubbe continued to explain that coal will only be mined if the seam is thick enough, therefore, specifically in the Impumelelo Mine, the 2 seam and the 4 seam are the only seams viable to be mined at present as these two seams are developed to a point where they are financially viable to mine.

Dawie van Jaarsveld enquired whether the two seam is closest to the surface, and the four seam below the two seam, to which Natalie Lubbe responded that the five seam is the shallowest seam (closest to the surface) and the one seam is the deepest, therefore the four seam will be shallower than the two seam.

Emile Blaauw of Sasol Mining (Pty) Ltd. also responded that the where the shaft is positioned, the four seam is 195 metres below the surface, and the two seam is located another 35 metres (at 230meters) below the four seam, so the coal is very deep underground.

Closure of meeting:

Sonja van de Giessen closed the meeting and reminded all attendees to ensure that they had filled in the registration form which was attached to the BID9, should anyone wish to still ask a question. Sonja van de Giessen reminded attendees that the registration form could either be faxed or emailed to the CSEC offices, handed to the CSEC staff, and the contact details for CSEC were on the BIDs. Attendees were also invited to contact CSEC at any time should any further questions arise in future. Sonja van de Giessen also invited attendees to take the left

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9 BID: Background information document.
over BIDs home to family and friends, and announced that both CSEC and mine representatives would be available after the meeting if any attendee wished to speak to them. The meeting was adjourned.