



**MPUMALANGA DEPARTMENT OF PUBLIC WORKS, ROADS AND TRANSPORT**  
**NEW WITBANK (EMALAHLENI) TERTIARY HOSPITAL**

**FINAL ENVIRONMENTAL IMPACT REPORT AND ENVIRONMENTAL MANAGEMENT**  
**PROGRAMME PHASE**

**PUBLIC PARTICIPATION PROCESS FINAL EIR AND EMP<sub>r</sub> CHAPTER**

**EA REFERENCE NO.: 1/3/1/16/1N-308**

**LICEBO ENVIRONMENTAL AND MINING (PTY) LTD**

Reg Number: 2009/022180/07  
Postal Address: P.O. Box 20519, Del Judor Extension 4, eMalahleni, 1044  
Physical Address: 49 Centaury Avenue, Ben Fleur, eMalahleni, 1034  
Tel: +27 13 692 0212; Cell phone: +27 83 257 8869  
E-Mail: [ralph.repinga@licebo.co.za](mailto:ralph.repinga@licebo.co.za)

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Prepared for  
**DEPARTMENT OF PUBLIC WORKS, ROADS AND TRANSPORT, MPUMALANGA**

Prepared by  
**LICEBO ENVIRONMENTAL AND MINING (PTY) LTD**



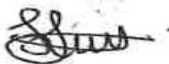
**31 May 2022**


**PROJECT NUMBER: LEM-A0424-01-2020**

**REPORT NUMBER: A0424-01**

## DOCUMENT REVIEW AND APPROVAL

<b>Client</b>	Department of Public Works, Roads and Transport (DPWRT), Mpumalanga
<b>Report Type:</b>	Public Participation Process Chapter
<b>Project Name:</b>	New Witbank (eMalahleni) Tertiary Hospital
<b>Project Number:</b>	LEM-A0424-01-2020

Name and Surname	Position and Qualifications	Responsibility	Signature	Date
Ralph Repinga (Pr Sci.Nat)	Principal Environmental Scientist MSc (Environmental Sciences) SACNASP Registration Number: 400097/02 EAPASA Registration Number: 2020/2084	Report Reviewer		31 May 2022
Johny Mafego	Junior Environmental Scientist: National Diploma in Environmental Science.	Report Reviewer		18 May 2022
Lindokuhle Nsibande (Pr Sci.Nat)	Environmental Scientist BSc. (Honours - Hydrology)	Report Compiler		30 May 2022

Name and Surname	Position and Qualifications	Responsibility	Signature	Date
	SACNASP Registration Number: 121682  EAPASA Registration Number: 2019/911			
Hlulani Phakula	Environmental Scientist:  BSc (Honours in Environmental and Resources Studies)	Report Compiler		17 May 2022

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## ABBREVIATIONS AND ACRONYMS

Abbreviation/Acronym	Explanation
BID	Background information Document
CRR	Comments and Response Report
PPP	Public Participation Process
COVID-19	Coronavirus (COVID-19) pandemic
DHSWS	Department of Human Settlement, Water and Sanitation
DARDLEA (Competent Authority)	Department of Agriculture, Rural Development, Land & Environmental Affairs
FSR	Final Scoping Report
FEIR	Final Environmental Impact Report
EMPr	Environmental Management Programme report in terms of NEMA
EA	Environmental Authorisation
EAP	Environmental Assessment Practitioner
EAPASA	Environmental Assessment Practitioners Association of South Africa
I&APs	Interested and Affected Parties
LEM	Licebo Environmental & Mining (Pty) Ltd
DPWRT	Mpumalanga Department of Public Works, Roads and Transport
NEMA	National Environmental Management Act 107 of 1998, as amended
SACNASP	South African Council for Natural Scientific Professions (SACNASP)
SMS	Short Message Service



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## 1. INTRODUCTION

The Public Participation Process (PPP) for Department of Public Works, Roads and Transport (DPWRT), Mpumalanga has been developed to address stakeholder requirements for engagement and to ensure compliance with the environmental related regulatory requirements as set out below:

- National Environmental Management Act, Act 107 of 1998 as amended.
- National Water Act, Act 36 of 1998 as amended.
- Mineral and Petroleum Resources Development Act, Act 28 of 2002 as amended.

The PPP provided Interested and Affected Parties (I&APs) with the opportunities to consider the proposed project, to submit the needed comments and to receive feedback from the independent Environmental Assessment Practitioner (EAP) and applicant. I&APs represent relevant sectors of society and various relevant organs of state. This Public Participation (PP) report details the overview of the PPP and provides more information about the PP activities which have been undertaken. It also highlights the next steps as part of the environmental regulatory process.

### 1.1. Public Participation Process Objectives

The PPP objectives for the environmental regulatory process are listed below:

- To ensure that I&APs are informed about the proposed project;
- To provide I&APs opportunity to provide comment on the proposed project;
- To utilise local knowledge and identifying environmental and social concerns associated with the proposed project;
- To involve I&APs in identifying methods in which concerns can be addressed;
- To provide opportunity for stakeholder to verify that comments have been accurately recorded; and
- To comply with the legal requirements.

As part of the PPP of consultation during the environmental regulatory process are detailed below:

#### 1.1.1. Scoping Phase

During the Draft Scoping Phase, the following core PP activities undertaken:

- Stakeholders were identified;
- Background Information Document (BID) and project notification letters were distributed
- Adverts and site notices were placed on various locations and local news paper;
- The Scoping Phase and associated documentation were made available for public comment;

- 
- Feedback on the specialist studies that will be conducted including proposed mitigation measures was provided;
  - Opportunity was provided to I&APs to comment on the Draft Scoping Report;
  - Consultation with I&APs was undertaken; and
  - Suggestions and concerns were obtained from I&APs.

#### 1.1.2. Environmental Impact Phase

For the impact assessment phase the following main core PP activities was be undertaken:

- Environmental reports (EIR, EMPr and GA inclusive of all Specialists) was made available for public comment;
- Feedback on the specialist studies conducted including proposed mitigation measures will be provided;
- Opportunity will be provided to I&APs to comment on specialist findings, impacts assessments and recommendations; and
- I&APs verified if their comments are accurately recorded and responded accordingly.

## 2. METHODOLOGY

The proposed methodology implemented for the PPP is in-line with the prescribed environmental regulatory legislation and further set out below in detail.

### 2.1. Scoping Phase

#### 2.1.1. Identification of Stakeholders

To ensure a proper representation of I&APs identified as part of this proposed project, the following identification methods were used to develop a stakeholder database:

- Develop a stakeholder register;
- Windeed and desktop searches will be conducted in and around the project area to verify land ownership and obtain contact details;
- Responses received from newspaper advertisements and site notices;
- Responses received from distribution of the Background Information Document (BID) and notification letter; and

Stakeholders for the proposed project are grouped into the following categories:

- Government: National, Provincial, District and Local authorities;
- Landowners: Directly affected and surrounding landowners;
- Land occupiers: Directly affected and surrounding land occupiers;
- Communities: Surrounding communities;
- Non-Governmental Organisations (NGOs): Environmental and social organisations;
- Agriculture: associations or organisations focussed on agricultural activities; and
- Business: small and medium enterprises and formal organisations.

A stakeholder database was compiled and updated throughout the PPP with new stakeholders. Directly affected landowners for the proposed project are included in **Table 1** below:

Table 1: Directly Affected Landowners

Farm / Erf	Portion / Location	Surface Rights Owner	LPI Code
Erf 1	Tswelopelo Junction	eMalahleni Local Municipality	T0JS0127000000010000 0
Zeekoewater 311 JS	Portion 415	eMalahleni Local Municipality	T0JS0000000003110041 5
Zeekoewater 311 JS	Portion 416	eMalahleni Local Municipality	T0JS0000000003110041 5

#### 2.1.2. Public Participation Media

The legislative requirements indicate that specific media / materials be utilised as part of the PPP. Over and above the legislative requirements, the following media have been utilised for the PPP to inform stakeholders of the proposed project (refer **Table 2**). The various Public Participation media / materials used during the Scoping phase have been included as **Annexure B**.

- **Landowner Notification Letter:** a letter informing directly affected landowners and/or occupiers was developed and sent via e-mail (refer **Annexure C** for Notification letter). The letter provided a broad overview of the proposed project, environmental legislation and the independent Environmental Assessment Practitioner (EAP)
- **Background Information Document (BID):** included the location and a project description, legislative processes and requirements were followed, potential list of authorities were consulted, triggered listed activities in terms of NEMA and the consultation / registration process with contact details of the EAP were engaged and consulted as part of this consultation process (refer **Annexure B** for BID).

- **Newspaper Advertisements:** an English newspaper advert was placed in the Witbank News and Middelburg Observer newspapers (refer **Annexure D** for Newspaper Advert). The advertisements included a brief project description, applicable legislation, competent authorities, details of the appointed EAP, information about availability of the EIR, EMPr and GA for public comment and details about the public meeting.
- **Site Notices:** English site notices were put up at various places (refer **Annexure E** for Site Notices). These site notices contained a brief project description, information about the required legislation, competent authorities, details of the appointed EAP and information about availability of the Basic Assessment report for public comment.
- **Announcement Letter with Comment and Registration Sheet:** a letter was sent in English which contained information about the proposed project, applicable legislation and competent authorities, details of the EAP and information about availability of the Scoping report for public comment. A Registration and Comment Sheet was also provided for stakeholders to use for formal registration as I&APs or to submit comments. (refer **Annexure C** for Announcement letters).

#### 2.1.3. Consultation with Stakeholders

Comments raised by stakeholders have been captured on the CRR attached as **Annexure H**, the comments raised have been closely considered and addressed, where applicable, by the Project Team who ensure to address concerns raised by I&AP. Responses have been sent to I&APs who have made comments. A summary of stakeholder comments is also listed as **Annexure H**.

#### 2.1.4. Landowner consultation

Directly affected and the majority of the adjacent landowners were consulted during the public participation meeting held on the 13<sup>th</sup> of January 2022. Comments received during the meeting are recorded in the CRR (refer to **Annexure H** for CRR). Key comments from landowners included, but not limited to the following:

- Buildings/structures be designed in such a way (North facing roofs, rooms that will be dedicated for the equipment, batteries, etc) that the maximum utilisation of Solar energy (electricity & water heating) can and will be installed on all North facing roofs, carports, etc.
- A Coal fired boiler, or such, will be strictly forbidden – LPG and /or electric/Solar to be mandatory.

- Use will be made of petroleum gas (LPG) powered generators instead of the more common Diesel-powered generators.
- Water supply is also not very reliable in this area and I suggest that a Tower Reservoir be part of your scope of work – this could also benefit the adjacent Highveld Mall/Casino complex. Water shortages and insufficient water supply / reticulation system.
- Sewerage –properly designed/upgraded. I think the current installation in terms of piping and most importantly the pumping station. There must be zero discharge into the stream, or any other watercourse at all times. Concerns also about the old, dilapidated and under designed sewage treatment plant to be able to handle the new developments.
- Access Roads – With the proposed link bridge over the N4 Highway through traffic will increase drastically, also because the other bridge is at times overutilized. Linette Str is currently becoming a mess, because it was not designed/built with the intension of the current traffic load in mind. Currently it has been patched hundreds of times (mostly by the community) and with an increase in traffic demand it will just get worse. This section, as well as the Nita Str section that joins Nelson Mandela Str will have to be totally rebuilt to accommodate the new demand for the many years to come! This does not exclude Ina Str, Engela Str and the link road to DJ Proper.
- Impact on property value as result of the proposed development.

#### 2.1.5. Landowner Community Leaders Meeting, Focus Group Meeting & Public Meeting

A Public meeting was held with interested and affected parties. Details of the meeting were communicated via email and sms on the notification letters, Site Notice and Newspaper. E-mails and sms was sent to the register Stakeholder on the 10<sup>th</sup> of January 2022 to remind them on the public meeting that was held on the 13<sup>th</sup> of January 2022.

In **Table 2**, more details are provided on the PP activities that was undertaken during the Scoping Phase, together with referencing materials appended.

Table 2: PPP Scoping Phase Activities

Activity	Details
Identification of stakeholders	A stakeholder database was updated throughout the process which includes I&APs from various sectors of society – this includes directly affected and adjacent landowners, authorities, local communities, non-governmental organisations, state owned companies, etc that will be affected or interested by the proposed project. Refer to <b>Appendix 5 for Stakeholder Register</b>

Activity	Details
Distribution of announcement letter and BID	A BID, announcement letter with Registration and Comment Form were distributed on the Fri 26 <sup>th</sup> of November 2021. Additional distributions were undertaken as and when requests and additional I&APs were received. Refer to <b>Appendix 5 for BID and Annexure F for email communication.</b>
Placing newspaper advertisement	An English advert was placed on Fri 26 <sup>th</sup> November 2021 in the Witbank News and Middleburg Observer Newspaper. <b>Refer to Appendix 5 for Newspaper advert</b>
Placement of site notices	English site notices were placed at the proposed project site, local libraries, and municipal offices on Fri 26 <sup>th</sup> November 2021. <b>Refer to Appendix 5 for Site Notices</b>
Announcement of draft Scoping Report	Announcement of availability of the DSR was announcement on Friday, 26 <sup>th</sup> of November 2021 by means of Newspaper, Site Notice, and Notification letters. The electronic copies of the DSR was made available on <a href="https://www.licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2">www.licebo.co.za</a> (under Public Documents: <a href="https://www.licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2">https://www.licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2</a> ) Folder name: eMalahleni Tertiary Hospital Draft Scoping Report <i>and/or requested from Licebo's offices.</i> (30-day comment period for the Scoping Report: Fri, 26 <sup>th</sup> of November 2021 to Wed, 17 <sup>th</sup> of January 2022)
Obtained comments from stakeholders	Comments, issues of concern and suggestions received from stakeholders during the Scoping phase have been captured in the CRR attached as <b>Appendix 5.</b>
Submission of the FSR	The FSR was submitted to the competent authority (DARDLEA) on the 03 <sup>rd</sup> of February 2022 for review and acceptance so that we may proceed with the EIR phase.  The electronic copies of the FSR was made available at <a href="https://www.licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2">www.licebo.co.za</a> (under Public Documents: <a href="https://www.licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2">https://www.licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2</a> ) Folder name: eMalahleni Tertiary Hospital Final Scoping Report <i>and/or requested from Licebo's offices.</i>
Acceptance of the FSR by DARDLEA.	The FSR was accepted by the DARDLEA on the 11 <sup>th</sup> of February 2022.



## 2.1. Environmental Impact Assessment Phase

The Impact Assessment Phase has four key elements, as follows:

Specialist Studies: Specialist studies identified during the Scoping Phase, and any additional studies that may be required by the authorities, are undertaken as the initial phase of the EIA. The relevant specialists are appointed to undertake the various assessments. Specialists gather baseline information relevant to the study being undertaken and assess impacts associated with the development. Specialists also make recommendations to mitigate negative impacts and optimize benefits. The resulting information is synthesised into the EIR.

- EIR: The main purpose of this Report is to gather environmental information and evaluate the overall impacts associated with the project, to consider mitigation measures and alternative options, and make recommendations in choosing the best development alternative. The EIR also identifies mitigation measure/management recommendations to minimize negative impacts and enhance benefits. The EIR and associated reports are made available for public and authority review and comment. The availability of the report is advertised in the local newspaper and is situated at an easily accessible location.
- EMPr: The EMPr provides guidelines to the proponent and the technical team on how to best implement the mitigation measure/management recommendations outline in the EIR during the construction and operational phase.
- Comments and Response Report (CRR): The comments report compiles comments, issues and concerns raised by I&APs and the authorities during the review period, and also provides relevant responses to these comments.
- Public Participation Process (PPP): The PPP initiated during the Scoping Phase, is continued.
- Further opportunities are provided for I&APs to raise issues, concerns and comments regarding the proposed project. At this stage it is possible that some of the project details may have changed in response to the preliminary findings of the Scoping Report.
- I&APs and key stakeholders are given the opportunity to review the Draft EIR before it is submitted to the authorities for consideration. Comments on the Draft EIR are included and addressed in the Final EIR and EMPr.

The copies of the Draft EIR and EMPr were made available for public review for a period of 30 days from the 19<sup>th</sup> of April 2022 to the 23<sup>rd</sup> of May 2022 and Draft Section 21 (c) and (i) General Authorisation (GA) is available for 60 days from the 19<sup>th</sup> of April 2022 to the 22<sup>nd</sup> of June 2022. As part of the Public Participation Process, all registered I&APs were notified of the availability of Draft EIR, EMPr and GA for them to comment and give input on these reports.

A public meeting was supposed to be held on the 06<sup>th</sup> of May 2022 and postponed to the 12<sup>th</sup> of May 2022 at Portuguese Hall on 95 Nita Avenue, eMalahleni to discuss the content of the Draft EIR, EMPr and GA and to obtain further stakeholder concerns and comments. All comments regarding the application had to reach Licebo Environmental and Mining (Pty) Ltd on or before the 23<sup>rd</sup> of May 2022 for the EIR and EMPr and 22<sup>nd</sup> of June 2022 for the GA.

#### 2.1.1. Identification of Stakeholder

To ensure a proper representation of I&APs identified as part of this proposed project, the following identification methods were used to develop a stakeholder database:

- Use the updated stakeholder register;
- Windeed and desktop searches will be conducted in and around the project area to verify land ownership and obtain contact details;
- Responses received from newspaper advertisements and site notices;
- Responses received from distribution of the Background Information Document (BID) and notification letter; and
- Public and other meetings.

Stakeholders for the proposed project are grouped into the following categories:

- Government: National, Provincial, District and Local authorities;
- Landowners: Directly affected and surrounding landowners;
- Land occupiers: Directly affected and surrounding land occupiers;
- Communities: Surrounding communities;
- Non-Governmental Organisations (NGOs): Environmental and social organisations;
- Agriculture: associations or organisations focussed on agricultural activities; and
- Business: small and medium enterprises and formal organisations.

A stakeholder database was compiled and updated throughout the PPP with new stakeholders. Directly affected landowners for the proposed project are included in **Table 1** below:

#### 2.1.2. Public Participation Media

The legislative requirements indicate that specific media / materials be utilised as part of the PPP. Over and above the legislative requirements, the following media have been utilised for the PPP to inform stakeholders of the proposed project (see **Table 3** for further details). The various Public Participation

media / materials to be used during the Draft EIR, EMPr and GA phase (refer **Annexure B**; **Annexure C**; **Annexure D**; **Annexure F** and **Annexure D**).

- **Authorities Notification Letters:** a letter informing directly affected landowners and/or occupiers was developed and sent via e-mail (refer to **Annexure C** for Notification letter). The letter provided a broad overview of the proposed project, environmental legislation and the independent Environmental Assessment Practitioner (EAP).
- **Newspaper Advertisements:** an English newspaper advert was placed in the Witbank News and Middelburg Observer a newspapers (refer to **Annexure D** for Newspaper Advert). The advertisements included a brief project description, applicable legislation, competent authorities, details of the appointed EAP, information about availability of the Scoping Report for public comment and details about the public meeting.
- **Announcement Letter with Comment and Registration Sheet:** a letter was sent in English which contained information about the proposed project, applicable legislation and competent authorities, details of the EAP and information about availability of the DEIR, EMPr and GA for public comment. A Registration and Comment Sheet was also provided for stakeholders to use for formal registration as I&APs or to submit comments. (refer to **Annexure C** for Announcement letters).

### 2.1.3. Consultation with Stakeholders

Comments raised by stakeholders have been captured on the CRR attached as **Annexure H**, the comments raised have been closely considered and addressed, where applicable, by the Project Team in order to ensure to address concerns raised by I&AP. Responses have been sent to I&APs who have made comments.

### 2.1.4. Landowner consultation

Directly affected and the majority of the adjacent landowners were consulted during the public participation meeting held on the 13<sup>th</sup> of January 2022. Comments received during the meeting are recorded in the CRR (refer to **Annexure H** for CRR). Key comments from landowners included, but isn't limited to the following:

- Buildings/structures be designed in such a way (North facing roofs, rooms that will be dedicated for the equipment, batteries, etc) that the maximum utilisation of Solar energy (electricity & water heating) can and will be installed on all North facing roofs, carports, etc.
- A Coal fired boiler, or such, will be strictly forbidden – LPG and /or electric/Solar to be mandatory.
- Use will be made of petroleum gas (LPG) powered generators instead of the more common Diesel-powered generators.
- Water supply is also not very reliable in this area and I suggest that a Tower Reservoir be part of your scope of work – this could also benefit the adjacent Highveld Mall/Casino complex.
- Sewerage –properly designed/upgraded. I think the current installation in terms of piping and most importantly the pumping station. There must be zero discharge into the stream, or any other watercourse at all times.
- Access Roads – With the proposed link bridge over the N4 Highway through traffic will increase drastically, also because the other bridge is at times overutilized. Linette Str is currently becoming a mess, because it was not designed/built with the intension of the current traffic load in mind. Currently it has been patched hundreds of times (mostly by the community) and with an increase in traffic demand it will just get worse. This section, as well as the Nita Str section that joins Nelson Mandela Str will have to be totally rebuilt to accommodate the new demand for the many years to come! This does not exclude Ina Str, Engela Str and the link road to DJ Proper.

### 2.1.5. Community Leaders Meeting, Landowner Focus Group Meeting, Public Meeting

A Public meeting was held with interested and affected parties. Details of the meeting were communicated via email and sms on the notification letters, Site Notice and Newspaper. Emails and sms were sent to the register Stakeholder on the 10<sup>th</sup> of May 2022 to remind them on the public meeting that was held on the 12<sup>th</sup> May 2022.

In **Table 2**, more details are provided on the PP activities that was undertaken during the Draft EIR Phase, together with referencing materials appended.

Table 3: PPP EIR Phase Activities

Activity	Details
Identification of stakeholders	A stakeholder database has been and will further be updated throughout the process which includes I&APs from various sectors of society – this includes directly affected and adjacent landowners, authorities, local communities, non-governmental organisations, state owned companies, etc that will be affected or interested by the proposed project. Refer to <b>Annexure A</b> for Stakeholder Register
Distribution of announcement letter and BID	A BID, announcement letter with Registration and Comment Form were distributed on the Fri 26 <sup>th</sup> of November 2021. Additional distributions were undertaken as and when requests and additional I&APs were received (refer to <b>Annexure B</b> for <b>BID</b> and <b>Annexure F</b> for email communication).
Placing of newspaper advertisement	An English advert was placed on Fri 26 <sup>th</sup> November 2021 in the Witbank News and Middleburg Observer Newspaper (refer to <b>Annexure D</b> for Newspaper advert).
Placement of site notices	English site notices were placed at the proposed project site, local libraries, and municipal offices on Fri 26 <sup>th</sup> November 2021(refer to <b>Annexure E</b> for Site Notices).
Announcement of draft EIR and EMPr and Draft Section 21 (c) and (i) of General Authorisation	<p>Announcement of availability of the Draft EIR and EMPr was made available for public review for a period of 30 days from the 19<sup>th</sup> of April 2022 to the 22<sup>nd</sup> of June 2022 and Draft Section 21 (c) and (i) General Authorisation will be made available for 60 days from the 19<sup>th</sup> of April 2022 to the 22<sup>nd</sup> of June 2022 at the following locations:</p> <p>The electronic copies of the Draft EIR and EMPr was made available on <a href="http://www.licebo.co.za">www.licebo.co.za</a> (under Public Documents:</p>

Activity	Details
	<a href="https://licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2">https://licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2</a> ) and/or requested from Licebo's offices.  (30-day comment period for the Draft EIR and EMP: Tuesday, 19 <sup>th</sup> of April 2022 to Monday, 23 <sup>rd</sup> of May 2022)  (60- days commenting period for the Draft Section 21 (c) and (i) General Authorisation: Tuesday, 19 <sup>th</sup> of April 2022 to Wednesday, 22 <sup>nd</sup> of June 2022)
Obtained comments from stakeholders	Comments, issues of concern and suggestions received from stakeholders during the Draft EIR and EMP and Draft Section 21 (c) and (i) phase was captured in the CRR attached as <b>Annexure H</b> .

#### 2.1.6. Availability of Draft Environmental Impact Report

The copies of the Draft EIR and EMP were made available for public review for a period of 30 days from the 19<sup>th</sup> of April 2022 to the 23<sup>rd</sup> of May 2022 and Draft GA is still available for 60 days from the 19<sup>th</sup> of April 2022 to the 22<sup>nd</sup> of June 2022. As part of the Public Participation Process, all registered I&APs as well as the public in general will be notified of the availability of Final EIR, EMP and GA for them to comment and give input on these reports. The reports will also be made available for public review at the following locations (refer **Table 4**: The Draft EIR, EMP, GA and Specialists' reports will be made available as follows

Location	Contact
<b>Hard copies</b>	
The Final EIR and EMP will be placed at the above mentioned locations and/or from Licebo's offices:	
<ul style="list-style-type: none"> <li>Klipfontein Public Library Highveld Mews, Albertyn Street, Leraastfontein, eMalahleni.</li> </ul>	(013) 697 3514
<ul style="list-style-type: none"> <li>Main Library Gerald Sekoto Public Library, Wanderers, Avenue, Middelburg.</li> </ul>	013) 249 7314 / (013) 249 7271
<b>Electronic Copies</b>	
<ul style="list-style-type: none"> <li>On <a href="https://licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2">www.licebo.com</a> (Public Review Documents: <a href="https://licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2">https://licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2</a>) Or can be</li> </ul>	<b>Contact person for representation on these applications:</b>

Location	Contact
requested from Licebo's office as per the contact's person details.	Contact Person: Ralph Repinga Tel: 013 692 0212 / 083 257 8869 Fax: 086 667 1169 E-mail: <a href="mailto:ralph.repinga@licebo.co.za">ralph.repinga@licebo.co.za</a> or <a href="mailto:ralph.repinga@gmail.com">ralph.repinga@gmail.com</a>

### 3. DECISION-MAKING PHASE

Once the authorities review of the Final EIR and EMPr has been completed and a decision made, all registered I&APs will be notified of the relevant competent authorities' decisions about the proposed project including the appeals procedure to be followed.

### 4. CONCLUSION

The EIR and EMPr were prepared in accordance with Appendix 2 of the NEMA: EIA Regulations 24, as amended.

The Draft Scoping Report (DSR) was issued and made available for public review for a period of 30-days to the I&APs on Friday, the 26<sup>th</sup> November 2021 to Monday, the 17<sup>th</sup> of January 2022. Any potential I&APs were added to the Stakeholder register as soon as they register as I&APs, consultation information was then communicated to them. The comments received were recorded in the Comments and Response Report (CRR) (refer **Annexure H**). Received comments during the Scoping phase have been shared with Specialist and have been addressed accordingly and discussed as part of this FEIR and EMPr and were captured on the CRR (refer **Annexure H**). This Final EIR and EMPr will be submitted to the Competent Authority, DARDLEA including the received comments and concerns.

The generated Stakeholder register from Scoping phase is continuous and was used to inform the registered I&APs on the availability of the Draft EIR, EMPr and GA. The copies of the Draft EIR and EMPr was made available for public review for a period of 30 days from the 19<sup>th</sup> of April 2022 to the 23<sup>rd</sup> of May 2022 and the copies of Draft GA will be made available for 60 days from the 19<sup>th</sup> of April 2022 to the 22<sup>nd</sup> of June 2022. As part of the Public Participation Process, all registered I&APs as well as the public general were notified of the availability of Draft EIR, EMPr and GA for them to comment and give input on these reports through newspaper advertisement (refer to **Annexure D**), Announcement Letter(s) (refer **Annexure C**) and Bulk SMS / Email notification (refer to **Annexure F**).

A public meeting (refer **Annexure G**) was held to discuss the content of the Final EIR, EMPr and GA and to obtain further stakeholder concerns and comments. The public meeting was held as indicated below that all Covid-19 requirements observed on the 12<sup>th</sup> of May 2022, time at 17:00 pm and that all comments regarding the application had to reach Licebo Environmental and Mining (Pty) Ltd on or before the 23<sup>rd</sup> of May 2022 for the EIR and EMPr and 22<sup>nd</sup> of June 2022 for the GA. The comments, issues or concerns raised during the public participation phase were captured on the CRR attached as **Annexure H**.



**ENVIRONMENTAL IMPACT  
PHASE PUBLIC  
PARTICIPATION DOCUMENTS**

# **ANNEXURE A: STAKEHOLDER DATABASE REGISTER**

Stakeholder	Organisation
Tefo Kadi	eMalahleni Local Municipality (LED Manager)
Leslie Nhlapho	eMalahleni Local Municipality (LED MMC)
Nomkita Fani	eMalahleni Local Municipality (LED Director)
Mr Mathaila	eMalahleni Local Municipality (Unit Manager - Phola/ Ogies)
Harry Mashiyane	Local Cllr
Chris Mkhabela	Local Cllr
Dr MF Khan	Witbank Hospital
FG Smit	Witbank Hospital
BS Mabunda	Witbank Hospital
SB Lubisi	Witbank Hospital
RD Ntshangase	Witbank Hospital
MG Makuse	Witbank Hospital
Grace T Mahlangu	Witbank Hospital
SG Sambo	Witbank Hospital
MK Mngomezulu	Witbank Hospital
Terrylebyane I	Witbank Hospital
Edith N. Nkosi	Witbank Hospital
Tebogo Motha	Witbank Hospital
Rhoda Nkentsha	Witbank Hospital
Chele Mhlophe	Witbank Hospital
Thulani Lukhele	Witbank Hospital
Mable Ledwaba	Witbank Hospital
Zale Madonsela	Witbank Hospital
A Mtewa	Witbank Hospital
E MDE Bruyn	Witbank Hospital
R Smit	Witbank Hospital
Elloise Ehlers	Witbank Hospital
E Bostock	Witbank Hospital
DR MC Bonda	Witbank Hospital
Selina Canda	Witbank Hospital
Phina Mashile	Witbank Hospital
Nhlanhla Zwane	Witbank Hospital
Nyaki Sebofetsu	Witbank Hospital
Rusbel Mediwa	Witbank Hospital
Busi Matenchi	Witbank Hospital
Mavis Maphethe	Witbank Hospital
Ivy Kekana	Witbank Hospital
Precious Guma	Precious Environment
Clive Hatch	Del Judor Ext 4.
Thabiso Mnisi	Del Judor Ext 4.
Andre Fouche	Del Judor Ext 4.
Leigh Soden	Del Judor Ext 4.
Grace Mahlangu	Witbank Hospital
S.G Sambo	Witbank Hospital
M.K Mngomezulu	Witbank Hospital
Terry lebyane I	Witbank Hospital

Stakeholder	Organisation
Edith N Nkosi	Witbank Hospital
Tebogo Motla	Witbank Hospital
Rhoda Nkentsha	Witbank Hospital
Gele Mhlophe	Witbank Hospital
Thulani Lukhele	Witbank Hospital
Mable Ledwaba	Witbank Hospital
Stakeholder	Organisation
Mr Aubrey Tshivhandekano Regional Manager: Mpumalanga Region	Department of Mineral Resources and Energy (DMRE)
Ms Mashudu Maduka Deputy Director: Mines Environmental Management Mpumalanga Region	Department of Mineral Resources and Energy (DMRE)
Mr Themba Mazibuko Assistant Director: Mines Environmental Management	Department of Mineral Resources and Energy (DMRE)
Mr Samuel Mathavhela: Assistant Director: Mines Environmental Management	Department of Mineral Resources and Energy (DMRE)
Mr Stanford Macevele	Department Water and Sanitation (DWS)
Mr Matthews Senne	Department Water and Sanitation (DWS)
Mr Isaac Tlagadi	Department Water and Sanitation (DWS)
Ms Madi Moloto	Department Water and Sanitation (DWS)
Mr Sibonelo Ndlovu	Department Water and Sanitation (DWS)
Mrs Advhaho	Department Water and Sanitation (DWS)
Love Shabane	Department of Agriculture, Rural Development, Land and Environmental Affairs (MDARDLEA)
Mpume Ntlokwane	Department of Agriculture, Rural Development, Land and Environmental Affairs (MDARDLEA)
Tseleng Mabunda	Department of Agriculture, Rural Development, Land and Environmental Affairs (MDARDLEA)
Mr Love Shabane	Department of Agriculture, Rural Development, Land and Environmental Affairs (MDARDLEA)
Mr Lucas Mahlangu (Control Environmental Officer: Systems Management)	Department of Forestry, Fisheries and Environmental Affairs
Ms Dineo Tswai (Assistant Director: Impact Assessment)	Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs (MDARDLEA)
Mr Joe Mabuza	Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs (MDARDLEA)
Mr Andre Hoffman	Mpumalanga Tourism and Parks Agency (MTPA)
Jannie Coetzee	Mpumalanga Tourism and Parks Agency (MTPA)
Mr E Sedupane (Water Services Division)	eMalahleni Local Municipality
Mr Nico Mphahlele	Department of Land Administration (DLA)
Ms MA Mametja	Department of Land Administration (DLA)
Mr Sabelo Malaza (Chief Directorate: Integrated Environmental Authorisations.	Department of forestry, Fisheries and Environmental Affairs (DFFE)
Mr Neo January	South African Heritage Resources Agency (SAHRA)

Stakeholder	Organisation
Mr Stephan Pienaar (Senior Manager: Roads Planning)	Department of Public Works, Roads and Transport (DPWRT)
	Dept of Public Works, Roads and Transport
Johan Daffue	DWA – RP+W
	DWA - Mining
Paul Meulenbeld	DWS - E & R
Mr S Nkosi (Chief Director: Restitution, Mpumalanga Province)	Regional Land Claims Commission (RLCC): Mpumalanga Province
Mr Vusi Kleinboy Khoza	Department of Rural Development, Land Reform (DRDLR): Mpumalanga Province
Mrs Margaret Skosana (Municipality Manager)	Nkangala District Municipality
Mr Rossouw R	Nkangala District Municipality
Mr Malinga MT	Ogies
Superintendent Themba M.E Mabuzela	SAPS: Ogies
N Muambe	South African Police Services
Mr Pauleck Makhubela (Office Manager)	Mpumalanga Department of Health
Mrs Theresa Mochusi (Acting Director)	Witbank General Hospital
Clr Sallome Sithole (Executive-Mayor)	Emalahleni Local Municipality
Mr G. Mthimunya (Municipal Manager)	Emalahleni Local Municipality
Ms Nomfanelo Khube Mayor's Secretary	Emalahleni Local Municipality
Ms Augustine Diesel Mkhwanazi Speaker of the Council	Emalahleni Local Municipality
CIlr Paul van Castle (Local Economic Development)	Emalahleni Local Municipality
Mrs T. Biyela (Development Planning)	Emalahleni Local Municipality
Kadi	Emalahleni Local Municipality
Leslie	Emalahleni Local Municipality
Nomkita	Emalahleni Local Municipality
Nomkita	Emalahleni Local Municipality
Mathai	Emalahleni Local Municipality
Mashiane	Emalahleni Local Municipality
Caren Tony	Altener Plumbing
Lizelle Steyn	Ward Concillor ward 34

# **ANNEXURE B: BACKGROUND INFORMATION DOCUMENT**

**MPUMALANGA DEPARTMENT OF PUBLIC WORKS, ROADS AND TRANSPORT  
EMALAHLENI TERTIARY HOSPITAL**

**ENVIRONMENTAL REGULATORY APPROVAL PROCESS FOR THE PROPOSED EMALAHLENI  
TERTIARY HOSPITAL**

**BACKGROUND INFORMATION DOCUMENT (BID) AND INVITATION FOR STAKEHOLDERS AS WELL AS  
INTERESTED AND AFFECTED PARTIES TO COMMENT.**

**Environmental Reference Number:**

**PURPOSE OF THIS DOCUMENT BACKGROUND**

The purpose of this document is to provide all Interested and Affected Parties (I&APs) with information relating to the environmental authorisation and water use licence application processes required for the proposed Scoping and Environmental Impact Assessment (EIA) Process for the proposed eMalahleni Tertiary Hospital.

This document aims to:

- Provide a description of the proposed project;
- Provide an overview of the regulatory process that will be followed;
- Provide details of the Public Participation Process (PPP) in accordance with relevant legislation; and
- Invite all Interested & Affected Parties to register as stakeholders, provide comment, raise issues or concerns, and provide suggestions for the enhanced benefit of the project.

**INTRODUCTION TO THE PROJECT**

Licebo Environmental and Mining (Pty) Ltd (Hereafter referred as 'LEM') was appointed by Mpumalanga Province Department of Public Works, Roads and Transport (DPWRT) as the Environmental Assessment Practitioners to undertake the environmental regulatory approval process in terms of the National Environmental Management Act, Act 107 of 1998 as amended ('NEMA') and Water Use Licence Application in terms of the National Water Act, Act 36 of 1998 ('NWA') regulatory approval processes associated with the proposed eMalahleni Tertiary Hospital.

DPWRT is intending to construct a 400 beds (200 tertiary beds and 200 regional beds) tertiary hospital on Erf 1 of Tswelopele Junction Township, located in Ward 34 of eMalahleni Local Municipality (ELM). The proposed project will be constructed on 35 hectares of a portion of the remainder of portion 121 of the farm Zeekoewater 311 JS. The project will be undertaken within the larger 87,99 ha of property with title deed

number T32291/1978 & T8409/2019, currently registered to the eMalahleni Local Municipality.

Activities to be undertaken will include construction of Medical Wards, Surgical Theatres, Radiology Department, Pathology Lab, Paediatrics Ward, Maternity Wards, Surgical Wards, Medical laboratory, High Care Wards, Emergency or Casualty Unit and Short Stay Ward, Stormwater Management System and Temporary Waste Storage Facilities.

To comply with the requirements as prescribed in the Environmental Impact Assessment (EIA) Regulations, 2014 (GN R 982 of 4 December 2014 as amended by GN R326 of 7 April 2017) (Referred as 'EIA Regulations, 2014'), as amended promulgated under the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA), DPWRT is required to undertake the Scoping and EIA Process for the proposed 400 beds tertiary hospital. This includes a Public Participation Process in accordance with the principles and requirements set out in Chapter 6 of the EIA Regulations, 2014 (as amended).

**PROJECT DESCRIPTION AND PROPOSED INFRASTRUCTURE**

The proposed infrastructure forming part of this application process will include:

- Management Offices
- Doctors suites and medical personnel offices
- Waste management storage yard
- Steam Boilers
- Incinerator
- Security guardhouse
- Parking space
- Sport facilities including soccer fields
- Stormwater management infrastructure
- Internal road infrastructure
- Pump station for sewer reticulation (To connect to the existing municipal sewer reticulation system)

DPWRT intends to undertake the relevant environmental authorisation processes to construct the 400 beds Tertiary hospital. An application for environmental authorisation associated and Draft Scoping for the proposed development will be submitted together with the Final Scoping Report in December 2021. The WUL application will be submitted to the Department of Human Settlement, Water and Sanitation (DHSWS), Mpumalanga Region, Bronkhorstspuit Office in 2022.

#### PROJECT LOCATION

The site is located in the eMalahleni Local Municipalities within the Nkangala District Municipality, in the Mpumalanga Province of South Africa. The nearest towns to the proposed development site are Witbank, located approximately 5 km Northwest of the town of Witbank and 24 km Northeast of Middleburg in Mpumalanga Province.

#### PROJECT ACTIVITIES TO BE UNDERTAKEN

Activity No.:	Project Phase	Proposed activities to take place
<b>Activity 1</b>	Construction Phase.	Recruitment, procurement and employment.
<b>Activity 2</b>	Construction Phase.	Construction site establishment.
<b>Activity 2</b>	Construction Phase.	Transportation of construction material.
<b>Activity 3</b>	Construction Phase.	Site clearing.
<b>Activity 4</b>	Construction Phase.	Excavation and earthworks (Removal of Topsoil and stockpiling.)
<b>Activity 5</b>	Construction Phase.	Backfilling and levelling.
<b>Activity 6</b>	Construction Phase.	Construction of surface infrastructure (Medical Wards, Surgical Theatres, Radiology Department, Pathology Lab, Paediatrics Ward, Maternity Wards, Surgical Wards, Medical laboratory, High Care Wards, Emergency or Casualty Unit and Short Stay Ward, Stormwater Management System and Temporary Waste Storage Facilities).
<b>Activity 7</b>	Construction Phase.	Temporary waste and sewage handling.
<b>Activity 8</b>	Construction Phase.	Construction of service infrastructure (Power supply, access road, stormwater management infrastructure, water supply pipeline, sewage pipeline)
<b>Activity 10</b>	Operational Phase.	Employment and job opportunities
<b>Activity 11</b>	Operational Phase.	Operation of the Hospital
<b>Activity 12</b>	Operational Phase.	Sewage generation and disposal

#### ENVIRONMENTAL AUTHORISATION PROCESS

DPWRT must undertake an application for Environmental Authorisation for the identified triggered Listed Activities in terms of the EIA Regulations, 2014 as amended and promulgated under the NEMA. This application process is dictated by a 300-day timeframe, from the date of submission until the application is

either approved or rejected by the commenting Competent Authority, in this instance, the Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs (DARDLEA). The timeframes and Scoping/EIA Process is shown below.



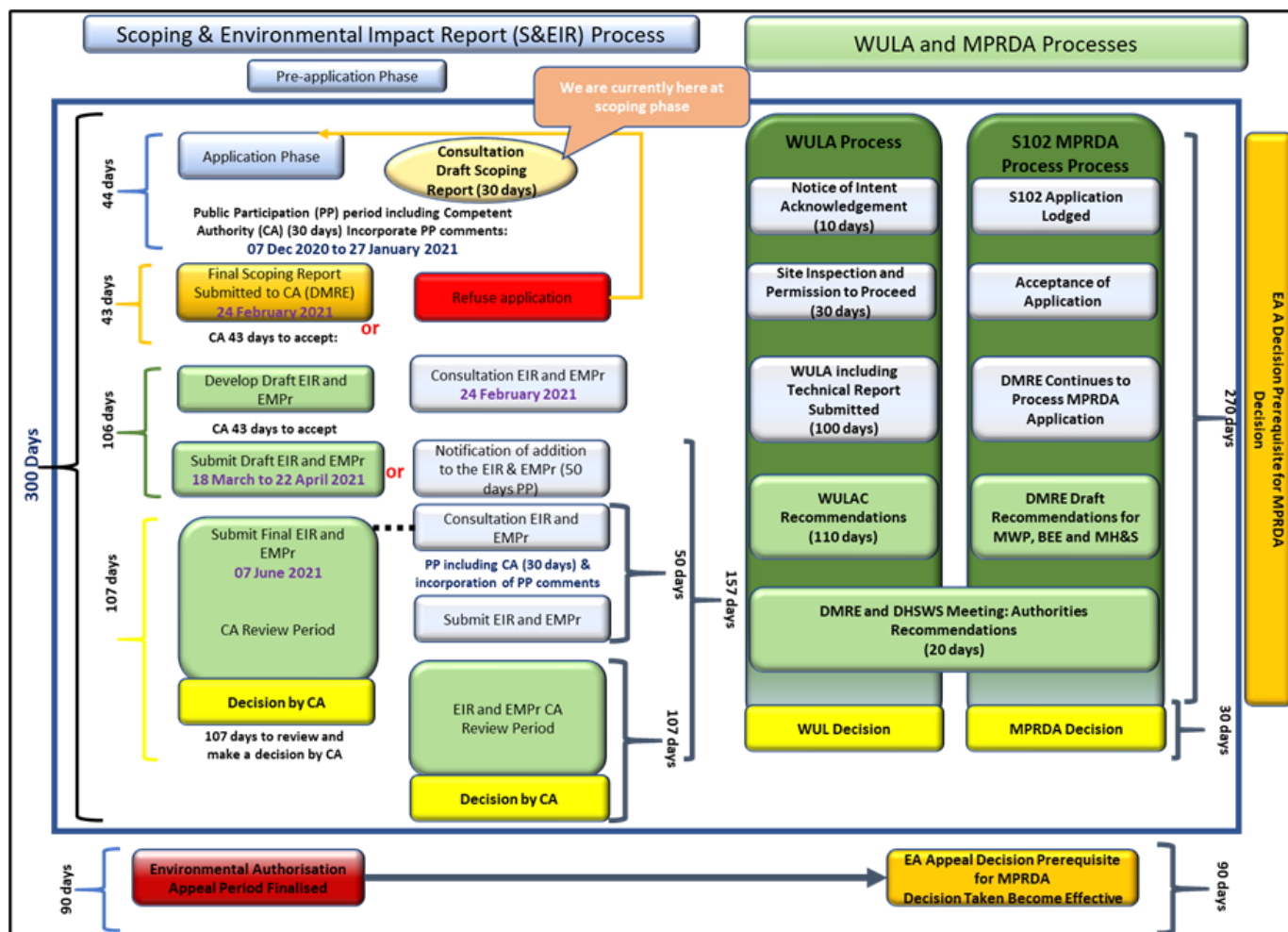


Figure 1: EA Process.

As indicated in the above process flow, we are currently in the Draft scoping Phase of the Project and the draft is currently electronically available for public comments on the LEM's website. The aforementioned report can be downloaded and is available for a 30-day legislated period from 12 November 2021 to 13 December 2021. Due to the COVID-19 national lock down, the Draft scoping has been released electronically only.

## PUBLIC PARTICIPATION PROCESS

Public Involvement is seen as an integral part of the Environmental Authorisation Process and will aim to include I&APs in the process by notifying them of the proposed project and inviting them to raise issues and concerns that they may identify. This will aid the EAP to gather local knowledge on the area and identify the common issues and concerns.

The following section details the methodology that LEM has proposed to undertake the Public Participation Process during the Environmental Impact Assessment Process:

### Notification of I&APs

Newspaper's advertisements were lodged in the Witbank News on the 12<sup>th</sup> November 2021. This will be done in order to ensure that more stakeholders are notified of the proposed project. In addition, I&APs will be notified of the project and opportunities for interaction by means of:

- The placement of site notices;
- Bulk SMS; and
- Distribution of BIDs (this document) to identified I&APs.

### Interaction with Interested and Affected Parties

It is important that I&APs are afforded enough opportunity to understand the technical issues local newspaper (Witbank News) with the project so they can add valuable contributions to the Scoping Process. The following is proposed:

- Invitation to all identified I&APs to register;
- Draft scoping report will be made available for public review and comment for a 30-day period starting from 12 November 2021 to 13 December 2021;
- Comments received during this period will be considered and incorporated into the CRR which will be submitted to DARDLEA for decision making.

Please note that the electronic copy of the Draft scoping is available for public review at the following locations:

Licebo Environmental and Mining (Pty) Ltd website under Public Review Documents; or

Requested from Licebo Environmental and Mining (Pty) Ltd Offices (See contact details below)

All comments regarding the application need to reach Licebo Environmental and Mining (Pty) Ltd on or before the 13<sup>th</sup> December 2021.

### **Feedback**

Feedback will be provided to I&APs via written letters or emails or fax. The Public Participation for the Draft scoping process has been designed to ensure that interaction with I&APs is focused and yet comprehensive. Feedback will be provided to registered I&APs during the scoping phases as well as after the final decision has been made by the competent authority. After the receipt of I&AP comments on the draft scoping, the report and associated documentation will be submitted to the competent authority for a decision on the project. Once a decision has been made, registered I&APs will be notified of the outcome as well as the procedure to appeal the decision, should they wish to do so.

### **WHAT WILL THE PROCESS ENTAIL?**

The process is as follows:

Notification of competent authority about the project;

A notice of the application for the proposed development will be placed in a local newspaper;

Site notices will be placed on site and different locations;

Review of the electronic copies of the Draft scoping by I&APs;

A detailed database of all I&APs and stakeholders will be updated;

A new stakeholder register will be created and that is where this Background Information Document (BID) will be distributed to.

Notification of relevant stakeholders regarding this project;

A register of comments and responses will be opened and maintained. All comments and issues of concern raised by stakeholders and I&APs will be clearly recorded and taken into consideration and will be consolidated into the supporting document as part of EIR that will be submitted to the relevant authorities as part of the approval process phases;

Compilation of the final integrated Environmental Impact Report for final decision making by the competent authority; and

Once a decision has been reached by the competent authority with regards to the proposed project, all registered I&APs will then be informed about the

outcome of the decision, the appeal process and the way forward.

### **HOW CAN YOU GET INVOLVED?**

An important part of this process is public consultation, which aims to achieve the following objectives:

Dissemination of information in respect of the proposed development to the public;

Afford I&APs the opportunity to provide input, comment and raise issues in respect of the process and contents of the proposed development.

In order for you to take part in this process, you are requested to register as an I&AP by completing the attached I&AP registration form. You can also submit written comments to the below details on or before the 13<sup>th</sup> December 2021.

## SITE ILLUSTRATION LOCALITY MAPS

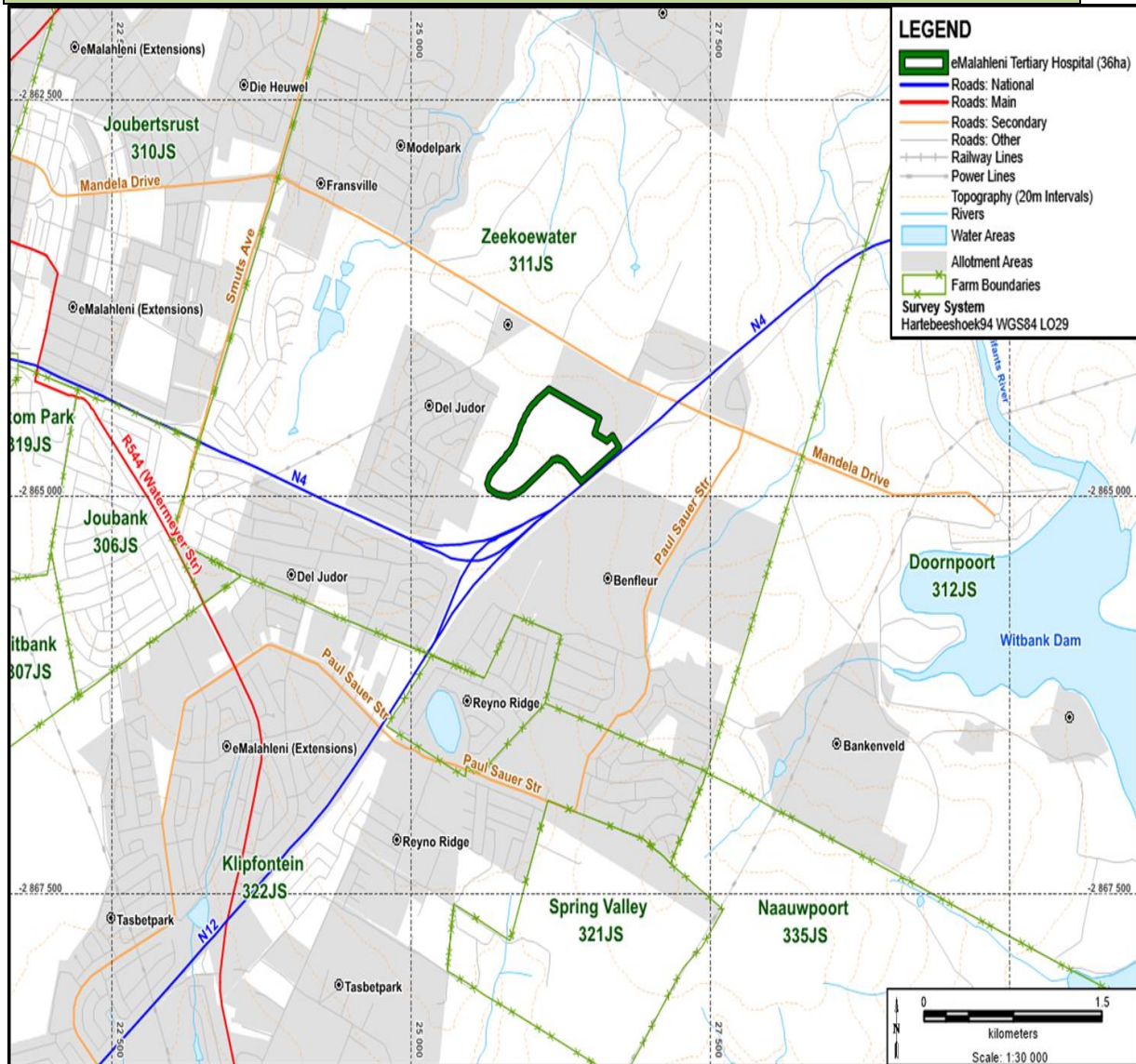


Figure 2: Regional Farm.



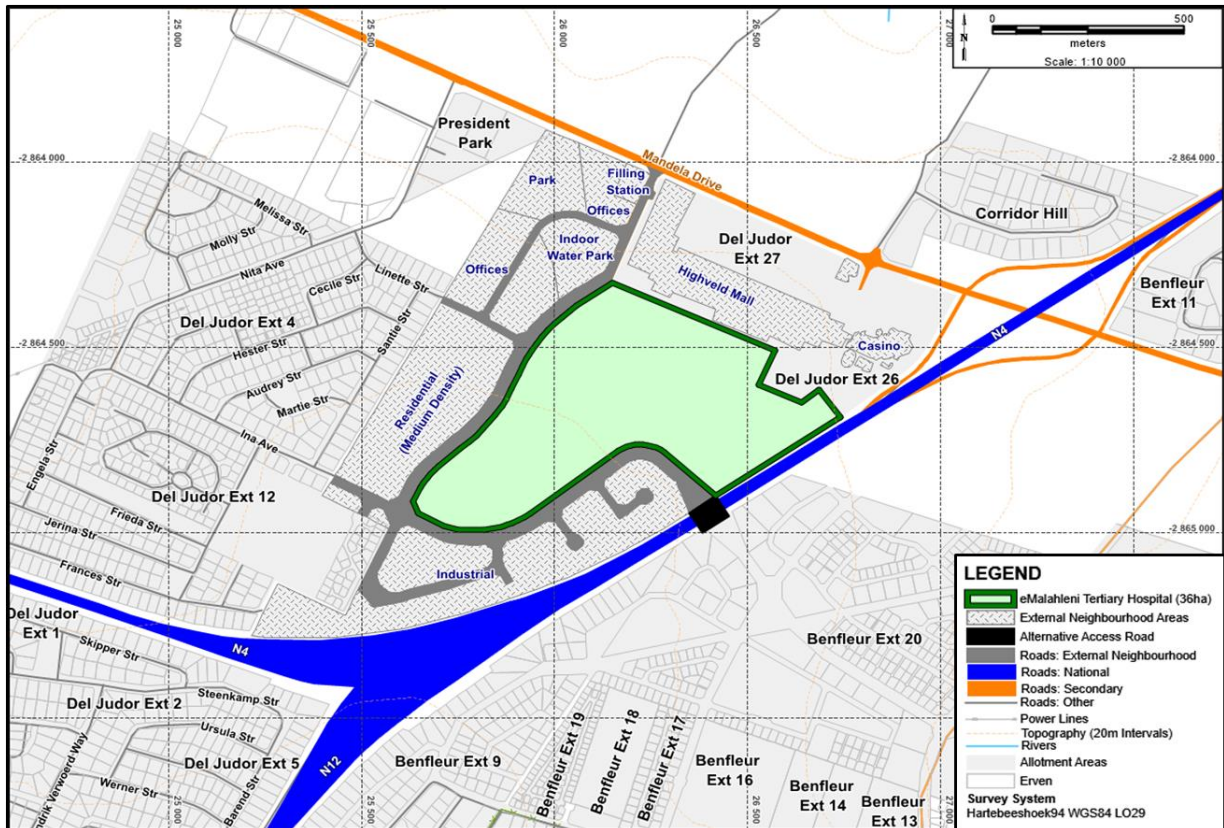


Figure 3: Site layout.

## FINAL ENVIRONMENTAL IMPACT ASSESSMENT (EIR) AND ENVIRONMENTAL MANAGEMENT PROGRAMME (EMPR) PHASE

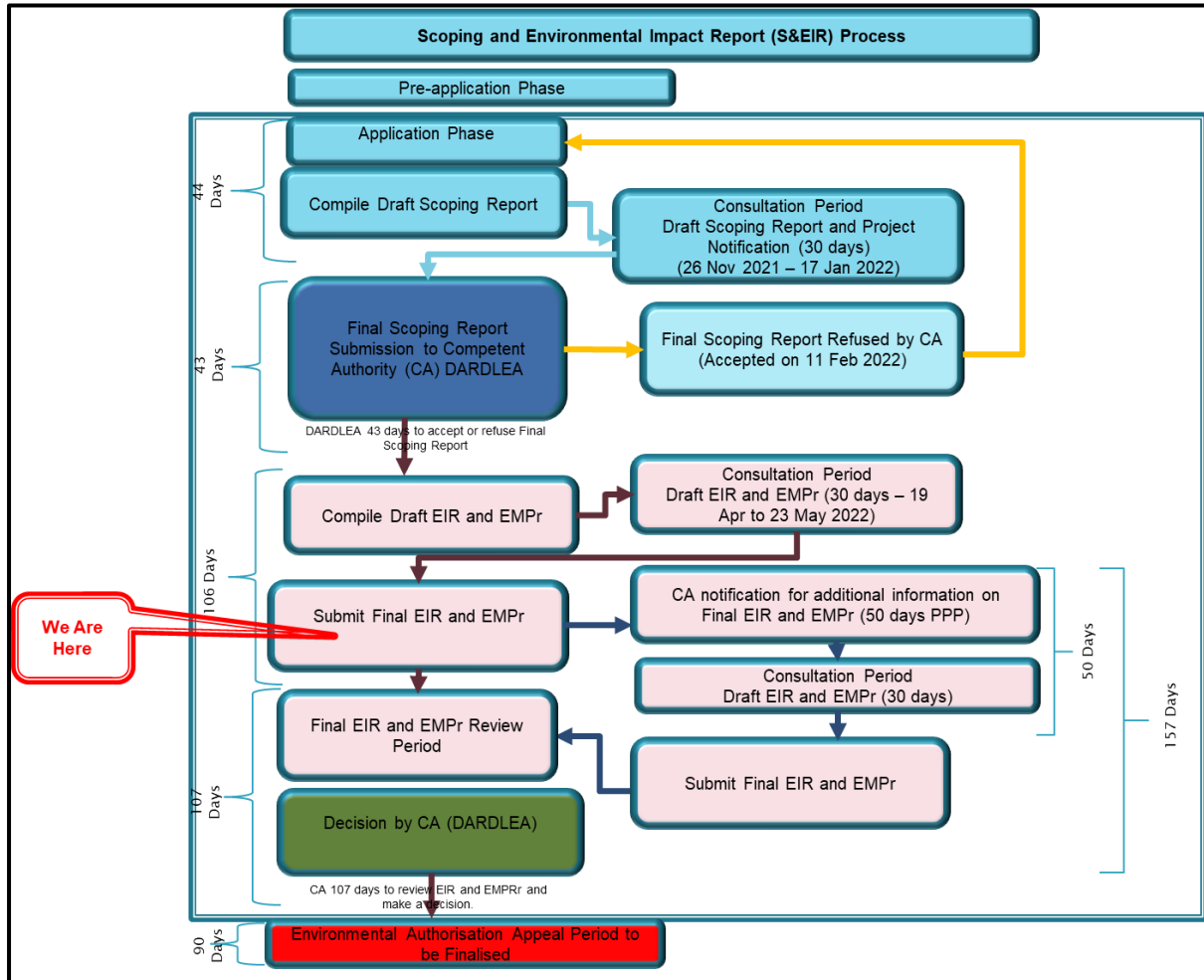


Figure 4: Final EIR and EMPr Phase of eMalahleni Tertiary Hospital

## PROJECT REGISTRATION AND COMMENT FORM

April 2022

ENVIRONMENTAL AUTHORISATION AND WATER USE LICENCE APPLICATION PROCESSES FOR THE CONSTRUCTION OF THE PROPOSED NEW WITBANK (EMALAHLENI) TERTIARY HOSPITAL SITUATED IN EMALAHLENI LOCAL MUNICIPALITY.

PUBLIC PARTICIPATION PROCESS NOTIFICATION ON THE AVAILABILITY OF THE DRAFT ENVIRONMENTAL IMPACT REPORT (EIR), ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT (EMPr) AND THE GENERAL AUTHORISATION (GA)

DARDLEA REFERENCE NO: 1/3/1/16/IN-308

Registered Interested and Affected Parties (I&APs) will be informed of ongoing developments via their preferred means of communication (SMS, email, post or fax). The draft Environmental Impact Report (EIR), Environmental Management Programme Report (EMPr) and General Authorisation (GA) is available for comment **electronically**. The reports (draft EIR & EMPr) will be made available for public review of 30-days legislated period from **19<sup>th</sup> of April 2022 to the 23<sup>rd</sup> of May 2022** and Draft Section 21 (c) and (i) General Authorisation (GA) will be made available for public review of 60 days from the **19<sup>th</sup> of April 2022 to the 22<sup>nd</sup> of June 2022** via the Licebo Environmental and Mining (Pty) Ltd website [www.licebo.co.za](http://www.licebo.co.za) (under Public Review Documents: <https://licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2>). Comments raised by stakeholders will assist in informed decision-making for authorities. Please register as an Interested and Affected Party (I&AP) and provide comments by sending this form, or other written correspondence, to the contact details provided below:

Contact Person: Ralph Repinga

PO Box 20519, Del Judor Extension 4, Witbank, 1044. Tel: 013 692 0212 / 083 257 8869; Fax: 086 667 1169

49 Centaury Avenue, Ben Fleur, Witbank, 1034; E-mail: [ralph.repinga@licebo.co.za](mailto:ralph.repinga@licebo.co.za)

Please formally register me as an Interested and Affected Party (I&AP)	Yes	No		
I would like to receive my notifications by	Email	SMS	Post	Fax

Please indicate which sector you represent and also provide a name of the institution:

Government Department	
Municipality	
Community	
Non-Government Organisation	
Business	

If you are a landowner or land occupier, please indicate which farm(s) and portion(s) you reside on

Landowner	
Land Occupier	

Please fill in your contact details below for the project database



Title, Name, Name (s) & Surname		Title, Name, Name (s) & Surname	
Organisation		Organisation	
Cellphone		Cellphone	
Email		Email	

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date



# **ANNEXURE C: ANNOUNCEMENT LETTER**

**19 April 2022**

Dear Sir/Madam

**MPUMALANGA PROVINCE DEPARTMENT OF PUBLIC WORKS, ROADS AND TRANSPORT (DPWRT): PROPOSED CONSTRUCTION OF A 400 BED TETIARY HOSPITAL.****PUBLIC PARTICIPATION PROCESS AND AVAILABILITY OF THE DRAFT EIR, EMPR AND GA, IN RESPECT TO THE PROPOSED CONSTRUCTION OF A 400 BED TETIARY HOSPITAL ON ERF 1 OF THE TSWELOPELO JUNCTION SITUATED IN THE EMALAHLENI LOCAL MUNICIPALITY.**

Licebo Environmental and Mining (Pty) Limited (Hereafter referred as '**LEM**') has been appointed as the independent Environmental Assessment Practitioner (EAP) by Mpumalanga Province Department of Public Works, Roads and Transport (Hereafter referred as '**DPWRT**') to undertake the environmental regulatory approval processes in terms of the National Environmental Management Act, Act 107 of 1998 as amended ('NEMA') and Water Use Licence Application in terms of the National Water Act, Act 36 of 1998 ('NWA') associated with the proposed 400 bed Tertiary Hospital in the eMalahleni Local Municipality.

These application processes involve the compilation of the Scoping and Environmental Impact Report (S&EIR), Environmental Management Programme report (EMPr) and a Water Use Licence Application (WULA) with specific to a Section 21 (c) and (i) General Authorisation (GA) for the proposed hospital. An application for environmental authorisation associated with the proposed development were submitted to the Mpumalanga Department Agriculture, Rural Development, Land and Environmental Affairs (DARDLEA). The final scoping report was submitted to the DARDLEA and accepted on 11 February 2022.

The Mpumalanga Province Department of Public Works, Roads and Transport (DPWRT) is intending to construct a 400 beds (200 tertiary beds and 200 regional beds) tertiary hospital on Erf 1 of Tswelopele Junction Township, located in Ward 34 of eMalahleni Local Municipality (ELM) and it is planned to be constructed an extent of approximately 35 hectares of the erf. Activities to be undertaken will include construction of Medical Wards, Surgical Theatres, Radiology Department, Pathology Lab, Paediatrics Ward, Maternity Wards, Surgical Wards, Medical laboratory, High Care Wards, Emergency or Casualty Unit and Short Stay Ward,

Stormwater Management System and Temporary Waste Storage Facilities. Supporting infrastructure to be constructed include:

- Management Offices;
- Doctors' suites and medical personnel offices;
- Waste management storage yard;
- Steam Boilers;
- Security guardhouse;
- Parking space;
- Sport facilities including soccer fields;
- Stormwater management infrastructure;
- Internal road infrastructure;
- Pump station for sewer reticulation (To connect to the existing municipal sewer reticulation system); etc

The power supply for the hospital will be from the Doornpoort substation, an overhead 22kV power line will be constructed from Doornpoort substation to New Tertiary Hospital. The Modelpark substation will be used as a backup supply power, an overhead 22kV power line shall be constructed from Modelpark substation to New Tertiary Hospital.

Please note that copies of the Draft EIR and EMPr will be made available for public review for a period of 30 days from the 19<sup>th</sup> of April 2022 to the 23<sup>rd</sup> of May 2022 and Draft GA will be made available for 60 days from the 19<sup>th</sup> of April 2022 to the 22<sup>nd</sup> of June 2022. As part of the Public Participation Process, we would like to notify the Department of the availability of Draft EIR, EMPr and GA for the Department to comment and give input on these reports. The reports will also be made available for public review at the following locations:

Location	Contact
<b>Hard Copies</b>	
Klipfontein Public Library Highland Mews, Albertyn Street, Leraatsfontein, eMalahleni.	(013) 690 6229
Main Library Gerald Sekoto Public Library, Wanderers, Avenue, Middelburg.	013) 249 7314 / (013) 249 7271
<b>Electronic Copies</b>	
On <a href="https://www.licebo.com">www.licebo.com</a> (Public Review Documents: <a href="https://licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2">https://licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2</a> ) under New Witbank (eMalahleni) Tertiary Hospital Draft EIR, EMPr and GA folders) and/or requested from Licebo's offices.	013 692 0212 / 083 257 8869 <a href="mailto:Ralph.repinga@licebo.co.za">Ralph.repinga@licebo.co.za</a>

### Invitation to Public Meeting

A public meeting will be held to discuss the content of the Draft EIR, EMPr and GA and to obtain further stakeholder concerns and comments. The public meeting will be held as indicated below. Take note that the Covid 19 requirements will be observed.

Venue: Portuguese Hall on 95 Nita Avenue, eMalahleni

Date: 12 May 2022

Time: 17:00

All comments regarding the application need to reach Licebo Environmental and Mining (Pty) Ltd on or before the 23<sup>rd</sup> of May 2022 for the EIR and EMPr and 22<sup>nd</sup> of June 2022 for the GA.

Should you require any additional information, or have comments about the details of this request and application please contact: Ralph Repinga from Licebo Environmental and Mining (Pty) Ltd at:

<b>Tel: 013 692 0212</b>	<b>PO Box 20519, Del Judor Extension 4, Witbank, 1044</b>
<b>Fax: 086 667 1169</b>	<b>49 Centaury Avenue, Ben Fleur, eMalahleni, 1034</b>
<b>E-mail: <u><a href="mailto:ralph.repinga@licebo.co.za">ralph.repinga@licebo.co.za</a></u></b>	

Yours faithfully



**MR Repinga** (Pr.Nat.Sci.)

MSc (Environmental Sciences) – Wits

**For Licebo Environmental and Mining (Pty) Ltd**

**19 April 2022**

Dear Sir/Madam

**MPUMALANGA PROVINCE DEPARTMENT OF PUBLIC WORKS, ROADS AND TRANSPORT (DPWRT): PROPOSED CONSTRUCTION OF A 400 BED TETIARY HOSPITAL.****PUBLIC PARTICIPATION PROCESS AND AVAILABILITY OF THE DRAFT EIR, EMPR AND GA, IN RESPECT TO THE PROPOSED CONSTRUCTION OF A 400 BED TETIARY HOSPITAL ON ERF 1 OF THE TSWELOPELO JUNCTION SITUATED IN THE EMALAHLENI LOCAL MUNICIPALITY.**

Licebo Environmental and Mining (Pty) Limited (Hereafter referred as '**LEM**') has been appointed as the independent Environmental Assessment Practitioner (EAP) by Mpumalanga Province Department of Public Works, Roads and Transport (Hereafter referred as '**DPWRT**') to undertake the environmental regulatory approval processes in terms of the National Environmental Management Act, Act 107 of 1998 as amended ('NEMA') and Water Use Licence Application in terms of the National Water Act, Act 36 of 1998 ('NWA') associated with the proposed 400 bed Tertiary Hospital in the eMalahleni Local Municipality.

These application processes involve the compilation of the Scoping and Environmental Impact Report (S&EIR), Environmental Management Programme report (EMPr) and a Water Use Licence Application (WULA) with specific to a Section 21 (c) and (i) General Authorisation (GA) for the proposed hospital. An application for environmental authorisation associated with the proposed development were submitted to the Mpumalanga Department Agriculture, Rural Development, Land and Environmental Affairs (DARDLEA). The final scoping report was submitted to the DARDLEA and accepted on 11 February 2022.

The Mpumalanga Province Department of Public Works, Roads and Transport (DPWRT) is intending to construct a 400 beds (200 tertiary beds and 200 regional beds) tertiary hospital on Erf 1 of Tswelopele Junction Township, located in Ward 34 of eMalahleni Local Municipality (ELM) and it is planned to be constructed an extent of approximately 35 hectares of the erf. Activities to be undertaken will include construction of Medical Wards, Surgical Theatres, Radiology Department, Pathology Lab, Paediatrics Ward, Maternity Wards, Surgical Wards, Medical laboratory, High Care Wards, Emergency or Casualty Unit and Short Stay Ward,

Stormwater Management System and Temporary Waste Storage Facilities. Supporting infrastructure to be constructed include:

- Management Offices;
- Doctors' suites and medical personnel offices;
- Waste management storage yard;
- Steam Boilers;
- Security guardhouse;
- Parking space;
- Sport facilities including soccer fields;
- Stormwater management infrastructure;
- Internal road infrastructure;
- Pump station for sewer reticulation (To connect to the existing municipal sewer reticulation system); etc

The power supply for the hospital will be from the Doornpoort substation, an overhead 22kV power line will be constructed from Doornpoort substation to New Tertiary Hospital. The Modelpark substation will be used as a backup supply power, an overhead 22kV power line shall be constructed from Modelpark substation to New Tertiary Hospital.

Please note that copies of the Draft EIR and EMPr will be made available for public review for a period of 30 days from the 19<sup>th</sup> of April 2022 to the 23<sup>rd</sup> of May 2022 and Draft GA will be made available for 60 days from the 19<sup>th</sup> of April 2022 to the 22<sup>nd</sup> of June 2022. As part of the Public Participation Process, we would like to notify you as the I&AP of the availability of Draft EIR, EMPr and GA for the Department to comment and give input on these reports. The reports will also be made available for public review at the following locations:

Location	Contact
<b>Hard Copies</b>	
Klipfontein Public Library Highland Mews, Albertyn Street, Leraatsfontein, eMalahleni.	(013) 697 3514
Main Library Gerald Sekoto Public Library, Wanderers, Avenue, Middelburg.	(013) 249 7314 / (013) 249 7271
<b>Electronic Copies</b>	
On <a href="https://www.licebo.com">www.licebo.com</a> (Public Review Documents: <a href="https://licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2">https://licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2</a> ) under New Witbank (eMalahleni) Tertiary Hospital Draft EIR, EMPr and GA folders) and/or requested from Licebo's offices.	013 692 0212 / 083 257 8869 <a href="mailto:Ralph.repinga@licebo.co.za">Ralph.repinga@licebo.co.za</a>

### Invitation to Public Meeting

A public meeting will be held to discuss the content of the Draft EIR, EMPr and GA and to obtain further stakeholder concerns and comments. The public meeting will be held as indicated below. Take note that the Covid 19 requirements will be observed.

Venue: Portuguese Hall on 95 Nita Avenue, eMalahleni

Date: 12 May 2022

Time: 17:00

All comments regarding the application need to reach Licebo Environmental and Mining (Pty) Ltd on or before the 23<sup>rd</sup> of May 2022 for the EIR and EMPr and 22<sup>nd</sup> of June 2022 for the GA.

Should you require any additional information, or have comments about the details of this request and application please contact: Ralph Repinga from Licebo Environmental and Mining (Pty) Ltd at:

<b>Tel: 013 692 0212</b>	<b>PO Box 20519, Del Judor Extension 4, Witbank, 1044</b>
<b>Fax: 086 667 1169</b>	<b>49 Centaury Avenue, Ben Fleur, eMalahleni, 1034</b>
<b>E-mail: <a href="mailto:ralph.repinga@licebo.co.za">ralph.repinga@licebo.co.za</a></b>	

Yours faithfully



**MR Repinga** (Pr.Nat.Sci.)

MSc (Environmental Sciences) – Wits

**For Licebo Environmental and Mining (Pty) Ltd**

# **ANNEXURE D: NEWSPAPER ADVERT**






A Witbank Shepard player taking a shot during their game against Mlambo Royal Cubs FC.

A Witbank Shepard player running away with the ball during their game against Mlambo Royal Cubs FC.

## Witbank Shepard given four of the best

While the other local teams did well over the past weekend in the ABC Mostepe League, it was left to Witbank Shepard to fight their own battle and they failed miserably.

Witbank Shepard was beaten by Mlambo Royal Cubs, presently top leaders in the A stream of the two streams league. They were beaten 4-0 by Royal Cubs at a game played at the Puma Stadium on Saturday, November 20.

In an earlier game, Kriel Football Academy register a 4-1 win over Bokoena Chiefs FC also put back a smile on their faces when they beat Benfica FC 3-0 at Lynnville Stadium on the same day.

The game between Shepard and Royal Cubs started with both teams attacking and a Royal Cubs cross nearly caught the keeper out of his line and a player tried to loop the ball over him. Shepard tried to play an open game but Royal Cubs were able to contain them and tried to catch them on the break. Both teams had their fair share to register a score but failed.

At one time a Royal Cub player was left unmarked in the danger zone but failed to use the chance. While at the other end Shepard had a chance as well, but the ball went over the crossbar. Royal Cubs piled pressure and they were rewarded when they score their first goal to make it 1-0 in the first half.

In the second half, Shepard had a shot that was blocked and had a corner-kick that went wide. Royal Cubs increase their lead when they score their second goal, a beauty. They added their third goal and the last nail on the coffin when Shepard's goalkeeper mishandled the ball. Shepard tried their best, but their best was not enough.

Kriel Football Academy has so far played six games and has won five and drawn one, they have 16 points on the board. BTM Sports have played seven games, won two, two draws and three losses with eight points. Shepard has played five games, with one win, one draw and three losses as well, with four points. Both Shepard and Witbank Citylands are in the A stream while Kriel and BTM are in the B stream of the league.



A Mlambo Royal Cubs player in control of the ball.



A Mlambo Royal Cubs player trying to dribble past a Witbank Shepard player.

### ENVIRONMENTAL AUTHORISATION PROCESS FOR THE CONSTRUCTION OF THE EMALAHLENI TERTIARY HOSPITAL SITUATED IN EMALAHLENI LOCAL MUNICIPALITY

**SCOPING, ENVIRONMENTAL IMPACT ASSESSMENT, ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT AND WATER USE LICENCE APPLICATION**

Notice is hereby given, in terms of Section 24 (5) of the National Environmental Management Act, (Act No 107 of 1998) (NEMA), 2014 Government Notice Regulation (GN R) 982 as amended that the Mpumalanga Department of Public Works, Roads and Transport intends to undertake the environmental regulatory approval processes in terms of the National Environmental Management Act, Act 107 of 1998 as amended (NEMA) and Water Use Licence in terms of the National Water Act, Act 36 of 1998 (NWA) as amended to construct a Tertiary Hospital at eMalahleni Local Municipality in Nkangala District Municipality, Mpumalanga Province. The Environmental Authorisation application process will be undertaken in terms of Government Notice Regulation 982 as amended and following Listing Notice 1 and Listing Notice 2, GN R983 and GN 984 as amended. This process will involve the compilation of a Scoping and Environmental Impact Report. Also, a Water Use Licence as required in terms of the National Water Act, Act 36 of 1998 as amended will be applied for the identified water use activities associated with the proposed project.

**Description of activity:**  
The Mpumalanga Province Department of Public Works, Roads and Transport (DPWRT) is intending to construct a 400 beds (200 tertiary beds and 200 regional beds) tertiary hospital and approximately 70 beds for the future proposed psychiatric ward on Erf 1 of Tselopele Junction Township, located in Ward 34 of eMalahleni Local Municipality (ELM). The proposed project will be constructed on 25 hectares of a portion of the remainder of Portion 121 of the Farm Zeekouwater 311 J5. The project will be undertaken within the larger 87,99 ha of property with title deed number T32291/1978 & T8409/2019, currently registered to the ELM. Activities to be undertaken will include construction of Medical Wards, Surgical Theatres, Radiology Department, Pathology Laboratory, Paediatrics Ward, Maternity Wards, Surgical Wards, High Care Wards, Emergency or Casualty Unit and Short Stay Ward, Medical Laboratory, including supporting infrastructure such as Stormwater Management System and Temporary Waste Storage facilities, kitchen, furnace and boiler.

The proposed project will trigger the following activities: Activities 9, 10, 14, 19, 24, 25, and 28 of the EIA Regulation GN 983 as amended, Listing Notice 1 and GN 984 as amended, Listing Notice 2: Activities 15 and 27, and a Water Use Licence in terms of the NWA. An application will also be submitted at the South Africa Heritage Resources Agency in terms of Section 4 of the National Heritage Resources Act, Act 25 of 1999 as amended and Atmospheric Emission Licence as required in terms of NEMAQA for identified listed activities.

**Location:** Between Highveld Mall and National Road N4 in the eMalahleni Local Municipality  
**Extent of this project:** Approximately 35 Ha  
**Name of Applicant:** Mpumalanga Department of Public Works, Roads and Transport

**Registration as an Interested and Affected Party**  
Interested and Affected Parties (I&APs) are invited to participate and register as part of this Environmental Authorisation and public participation process by providing comments and/or raising any issues of concern that they may have in respect to this project.

**Review of reports**  
Please note that the Draft Scoping Report will be made available for public review for a period of 30 days from the 26th of November 2021 until the 17th of January 2022 at Lico Environmental and Mining (Pty) Ltd website: <https://lico.co.za/projects/publicreviewdocuments/eMalahleniTertiaryHospitalEA> or can be requested from Lico's office as per the below details. The draft scoping report will be placed on the following locations:  
• Klipfontein Public Library Highland Mews, Albertyn Street, Leraatsfontein, eMalahleni.  
• Main Library Gerald Sekoto Public Library, Wanderers, Avenue, Middelburg.

A public meeting will be held on the 13th of January 2022 at Portuguese Hall on 95 Nita Avenue at 17h30 pm. Covid 19 Protocol will be observed.

All comments regarding the application need to reach Lico Environmental and Mining (Pty) Ltd on or before the 17th of January 2022.

**Contact person for representation on the application:**  
Lico Environmental and Mining (Pty) Ltd (LEM) PO Box 20519, Del Judo Extension 4 Witbank, 1044 49 Century Avenue, Ben Fleur, Witbank, 1034  
Contact Person: Ralph Repinga Tel: 013 692 0112 / 083 257 8869 Fax: 086 667 1169 E-mail: [ralph.repinga@lico.co.za](mailto:ralph.repinga@lico.co.za) or [bongani.motha@lico.co.za](mailto:bongani.motha@lico.co.za)

### NOTICE OF THE APPROVAL OF THE SERITI COAL (PTY) LTD. KRIEL COLLIERY BLOCK F OPENCAST PROJECT ENVIRONMENTAL MANAGEMENT PROGRAMME AMENDMENT (DMR REF NO: MP 30/5/1/2/2/236 MR) IN TERMS OF THE MPRDA (2002)

Seriti Coal (Pty) Ltd. lodged an application for the amendment of the Environmental Impact Assessment Report (EIAR) and Environmental Management Programme Report (EMPR) in line with new requirements as well as to include new activities at the Kriel Colliery Block F Opencast Project, located on Portions 2 and 4 of the Farm Vlaklaagte 83 IS (Mining Right reference number (MP)30/5/1/2/2/236 MR). The application was lodged in terms of the Mineral and Petroleum Resources Development Act (Act 28 of 2002) (MPRDA) and the Regulations thereunder as well as the National Environmental Management Act (Act no 108 of 1998) (NEMA) and the Regulations thereunder.

Notice is hereby given that the above-mentioned application for the amendment of the EIAR and EMPR has been approved by the Department of Mineral Resources and Energy (DMRE) on the 11th of November 2021. A copy of the approval document is available on Clean Stream Environmental Consultant's website ([www.cleanstream.co.za](http://www.cleanstream.co.za)). Should you wish to appeal any aspect of the decision, an appeal must be submitted in line with the requirements of the National Appeal Regulations (Government Notice R.993, 2014) under the NEMA (1998). Any appeals must be addressed to the Minister of Environmental Affairs within 20 days of the date of this notification (thus by 15 December 2021) and copied to the applicant and the DMRE.

**Contact details:**  
**Environmental assessment practitioner:** Clean Stream Environmental Consultants (Pty) Ltd.  
**Contact person:** Natalie Lubbe / Blanche Postma  
P.O. Box 117, Menlyn, 0063  
Tel: 012 993 5988  
Fax: 012 993 1361  
Email: [natalie@cleanstream.co.za](mailto:natalie@cleanstream.co.za) or [blanche@cleanstream.co.za](mailto:blanche@cleanstream.co.za)




Figure 5: Newspaper Advert (Scoping Phase)





**ENVIRONMENTAL AUTHORIZATION AND WATER USE LICENSE APPLICATION PROCESSES THE CONSTRUCTION OF THE PROPOSED NEW WITBANK (EMALAHLENI) TERTIARY HOSPITAL SITUATED IN EMALAHLENI LOCAL MUNICIPALITY.**

**PUBLIC PARTICIPATION PROCESS NOTIFICATION ON THE AVAILABILITY OF THE DRAFT ENVIRONMENTAL IMPACT REPORT (EIR), ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT (EMPr) AND THE GENERAL AUTHORIZATION (GA)  
DARDLEA REFERENCE NO: 1/3/1/16/IN-308**

Notice is hereby given in terms of Section 24 (5) of the National Environmental Management Act, (Act No 107 of 1998) (NEMA), 2014 Government Notice Regulation (GN R) 982 as amended that the Mpumalanga Department of Public Works, Roads and Transport is undertaking the environmental regulatory approval processes in terms of the National Environmental Management Act, Act 107 of 1998 as amended ('NEMA') and the Water Use License applications in terms of the National Water Act, Act 36 of 1998 ('NWA') as amended to construct the proposed New Witbank (eMalahleni) Tertiary Hospital at eMalahleni Local Municipality in Nkangala District Municipality, Mpumalanga Province. These processes involve the compilation of the Scoping and Environmental Impact Report (S&EIR), Environmental Management Programme (EMPr) and a Water Use License Application following the requirements of the General Notice Regulation (GNR) 509 of 26 August 2016 associated with the proposed project's activities. This notification serves to invite all registered interested and affected parties to comment on the available EIR, EMPr and IWULA including the Integrated Water and Wastewater Management Plan (IWWMP). Licebo Environmental and Mining (Pty) Limited (LEM) has been appointed by the applicant as the independent Environmental Assessment Practitioner (EAP) for this project.

**Description of activity:**

The Mpumalanga Province Department of Public Works, Roads and Transport (DPWRT) is intending to construct a 400 beds (200 tertiary beds and 200 regional beds) tertiary hospital and approximately 70 beds for the future proposed psychiatric ward on Erf 1 of Tswelopele Junction Township, located in Ward 34 of eMalahleni Local Municipality (ELM). The proposed project will be constructed on 35 hectares being Erf 1 of Tswelopele Junction Township with associated infrastructure such as the electricity supply sourced from the Doornpoort and Model Park substations. Other activities to be undertaken will include but not limited to the construction of Medical Wards, Surgical Theatres, Radiology Department, Pathology Laboratory, Paediatrics Ward, Maternity Wards, Surgical Wards, Medical Laboratory, High Care Wards, Emergency or Casualty Unit and Short Stay Ward, including supporting infrastructure such as Stormwater Management System, Sewer Reticulation, Portable Water Supply and Temporary Waste Storage Facilities, Kitchen and Steam Boiler.

**Location:** The proposed hospital will be located in eMalahleni between Highveld Mall and the N4 National Road approximately 5 km east of eMalahleni City Centre and 25 km north east of Middelburg within the eMalahleni Local Municipality, Mpumalanga Province.

**Extent of this project:** Approximately 35 Ha

**Name of Applicant:** Mpumalanga Department of Public Works, Roads and Transport

**Draft EIR, EMPr and GA availability for review and comment:**

Please note that copies of the Draft EIR and EMPr will be made available for public review for a period of 30 days from the 19th of April 2022 to the 23rd of May 2022 and Draft Section 21 (c) and (i) General Authorization will be made available for 60 days from the 19th of April 2022 to the 22nd of June 2022 at the following locations:

- Licebo Environmental and Mining (Pty) Ltd website: <https://licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ga-2> under New Witbank (eMalahleni) Tertiary Hospital Draft EIR, EMPr and GA folder or can be requested from Licebo's office as per the below details.
- Klipfontein Public Library Highland Mews, Albertyn Street, Leraatsfontein, eMalahleni.
- Main Library Gerald Sekoto Public Library, Wanderers, Avenue, Middelburg.

**Invitation to Public Meeting**

A public meeting will be held to discuss the content of the Draft EIR, EMPr and GA and to obtain further stakeholder concerns and comments. The public meeting will be held as indicated below. Take note that the Covid 19 requirements will be observed.

Venue: Portuguese Hall on 95 Nita Avenue, eMalahleni

Date: 06 May 2022

Time: 17:00

All comments regarding the application need to reach Licebo Environmental and Mining (Pty) Ltd on or before the 23<sup>rd</sup> of May 2022 for the EIR and EMPr and 22<sup>nd</sup> of June 2022 for the GA.

**Contact person for representation on these applications:**

Licebo Environmental and Mining (Pty) Ltd  
PO Box 20519, Del Jodor Extension 4  
Witbank, 1044  
49 Centaury Avenue, Ben Fleur, Witbank, 1034

Contact Person: Ralph Repinga  
Tel: 013 692 0212 / 083 257 8869  
Fax: 086 667 1169  
E-mail: [ralph.repinga@licebo.co.za](mailto:ralph.repinga@licebo.co.za) or [ralph.repinga@gmail.com](mailto:ralph.repinga@gmail.com)

Figure 7: Newspaper Advert (EIR, EMPr and GA Phase)

# **ANNEXURE E: SITE NOTICE**



**ENVIRONMENTAL AUTHORISATION PROCESS FOR THE CONSTRUCTION OF A 400 BEDS TERTIARY HOSPITAL SITUATED IN  
EMALAHLENI LOCAL MUNICIPALITY**  
**SCOPING, ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT AND  
WATER USE LICENCE APPLICATION**  
**DARDLEA Reference Number: 1/3/1/16/1N-308**

Notice is hereby given, in terms of Section 24 (5) of the National Environmental Management Act, (Act No 107 of 1998) (NEMA), 2014 Government Notice Regulation (GN R) 982 as amended that the Mpumalanga Department of Public Works, Roads and Transport intends to undertake the environmental regulatory approval processes in terms of the National Environmental Management Act, Act 107 of 1998 as amended ('NEMA') and Water Use Licence in terms of the National Water Act, Act 36 of 1998 ('NWA') as amended to construct a Tertiary Hospital at eMalahleni Local Municipality in Nkangala District Municipality, Mpumalanga Province. The Environmental Authorisation application process will be undertaken in terms of Government Notice Regulation 982 as amended and following Listing Notice 1 and Listing Notice 2, GN R983 and GN 984 as amended. This process will involve the compilation of a Scoping and Environmental Impact Report. Also, a Water Use Licence as required in terms of the National Water Act, Act 36 of 1998 as amended will be applied for the identified water use activities associated with the proposed project.

**Description of activity:**

The Mpumalanga Province Department of Public Works, Roads and Transport (DPWRT) is intending to construct a 400 beds (200 tertiary beds and 200 regional beds) tertiary hospital and approximately 70 beds for the future proposed psychiatric ward on Erf 1 of Tswelopele Junction Township, located in Ward 34 of eMalahleni Local Municipality (ELM). The proposed project will be constructed on 35 hectares of a portion of the remainder of Portion 121 of the farm Zeekoewater 311 JS. The project will be undertaken within the larger 87,99 ha of property with title deed number T32291/1978 & T8409/2019, currently registered to the ELM. Activities to be undertaken will include construction of Medical Wards, Surgical Theatres, Radiology Department, Pathology Laboratory, Paediatrics Ward, Maternity Wards, Surgical Wards, Medical laboratory, High Care Wards, Emergency or Casualty Unit and Short Stay Ward, including supporting infrastructure such as Stormwater Management System and Temporary Waste Storage Facilities, Kitchen, Furnace and Boiler.

The proposed project will trigger the following activities: **Activities 9, 10, 14, 19, 24, 25, and 28 of EIA Regulation GNR 983** as amended **Listing Notice 1** and **GNR 984 as amended Listing Notice 2: Activities 15 and 27**, and a Water Use Licence in terms of the NWA. An application will also be submitted at the South Africa Heritage Resources Agency in terms Section 4 of the National Heritage Resources Act, Act 25 of 1999 as amended and Atmospheric Emission Licence as required in terms of NEMAQA for identified listed activities.

**Location:** Between Highveld Mall and National Road N4 in the eMalahleni Local Municipality  
**Extent of this project:** Approximately 35 Ha  
**Name of Applicant:** Mpumalanga Department of Public Works, Roads and Transport

**Registration as an Interested and Affected Party**

Interested and Affected Parties (I&APs) are invited to participate and register as part of this Environmental Authorisation and public participation process by providing comments and/or raising any issues of concern that they may have in respect to this project.

**Review of reports**

Please note that the Draft Scoping Report will be made available for public review for a period of 30 days from the 26<sup>th</sup> of November 2021 until the 17<sup>th</sup> of January 2022 at Licebo Environmental and Mining (Pty) Ltd website: <https://licebo.co.za/projects/publicreviewdocuments/eMalahleniTertiaryHospitalEA> or can be requested from Licebo's office as per the below details.

The Draft Scoping Report will also be placed on the following locations:

- Klipfontein Public Library Highland Mews, Albertyn Street, Leraatsfontein, eMalahleni.
- Main Library Gerard Sekoto Public Library, Wanderers, Avenue, Middelburg.

All comments regarding the application need to reach Licebo Environmental and Mining (Pty) Ltd on or before the 17<sup>th</sup> of January 2022.

**Contact person for representation on the application:**

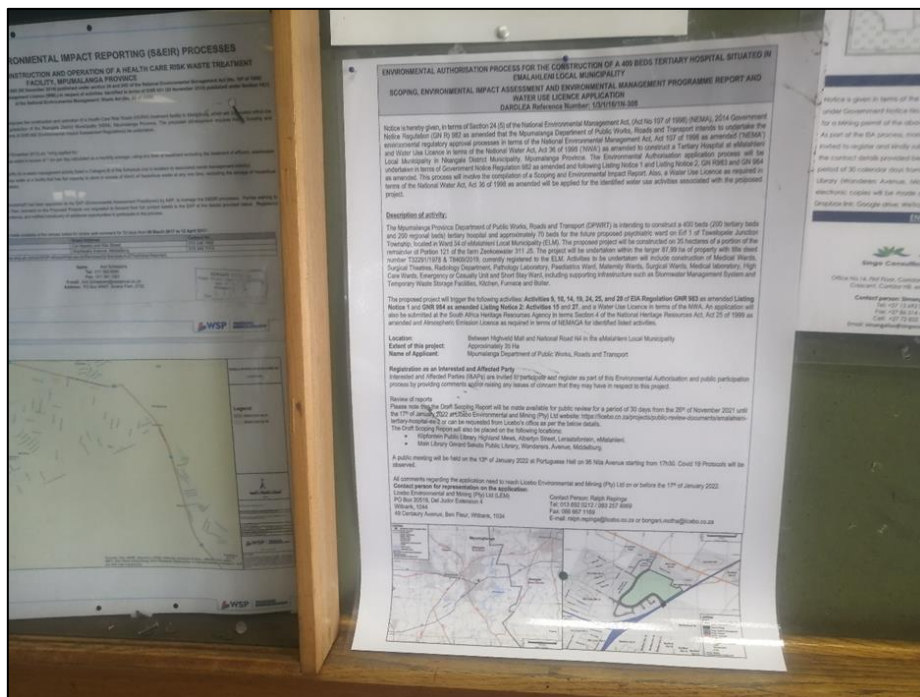
Licebo Environmental and Mining (Pty) Ltd (LEM)  
PO Box 20519, Del Judo Extension 4  
Witbank, 1044  
49 Centaury Avenue, Ben Fleur, Witbank, 1034

Contact Person: Ralph Repinga  
Tel: 013 692 0212 / 083 257 8869  
Fax: 086 667 1169  
E-mail: [ralph.repinga@licebo.co.za](mailto:ralph.repinga@licebo.co.za) or [bongani.motha@licebo.co.za](mailto:bongani.motha@licebo.co.za)

## Site Notice Placed adjacent to Cambridge Academy



## Site notice placed at Gerard Sekoto Library



## Site Notice Placed adjacent to Highveld Mall and the project area





Site Notice placed at Del Judor Ex 4 Shop



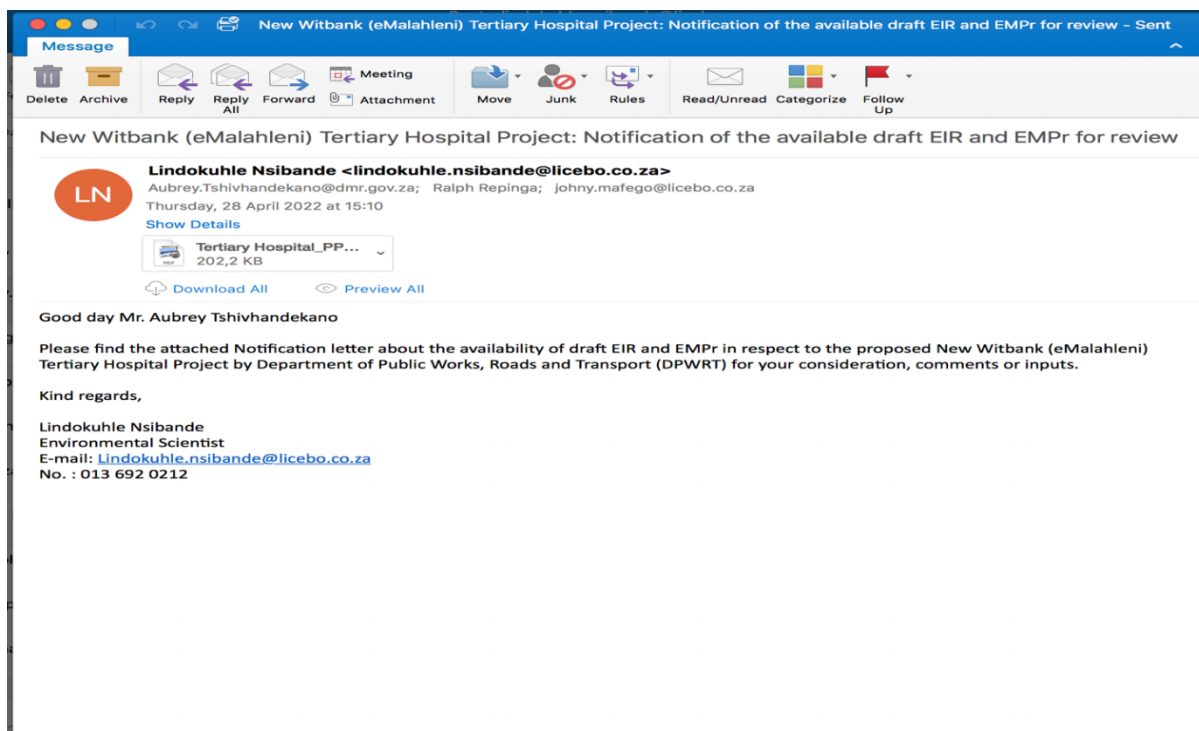
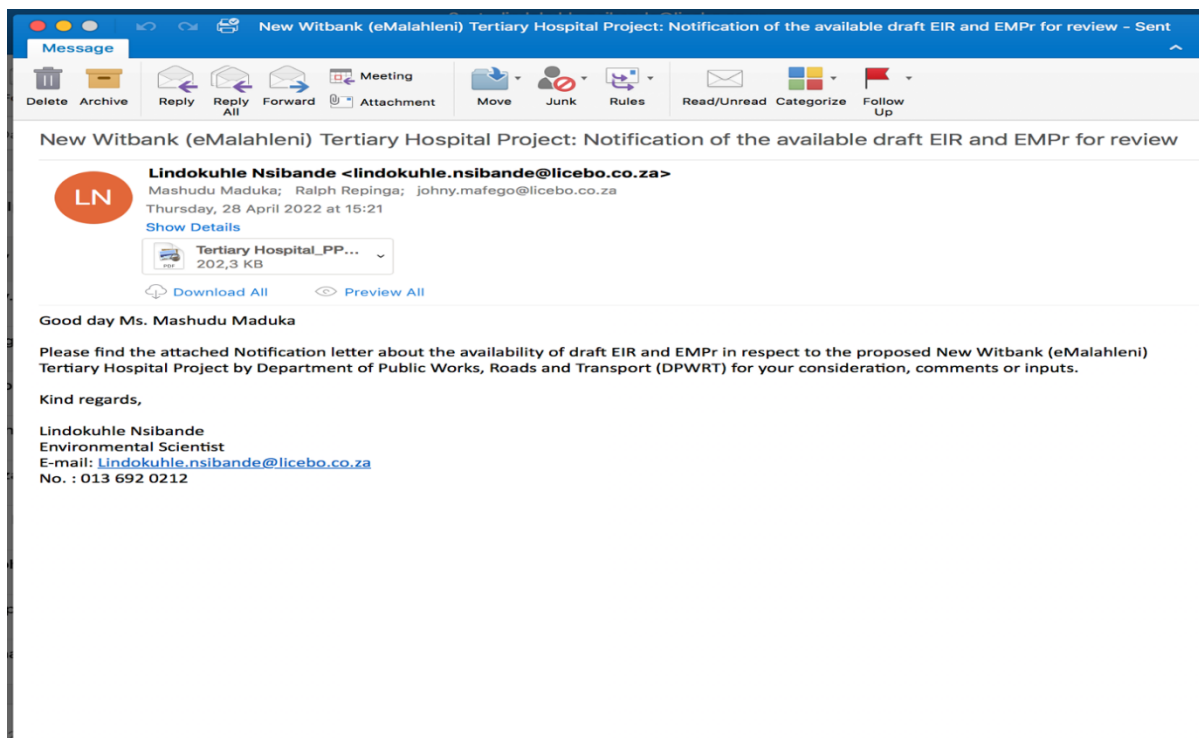
Site Notice Placed at the project site , along the N4



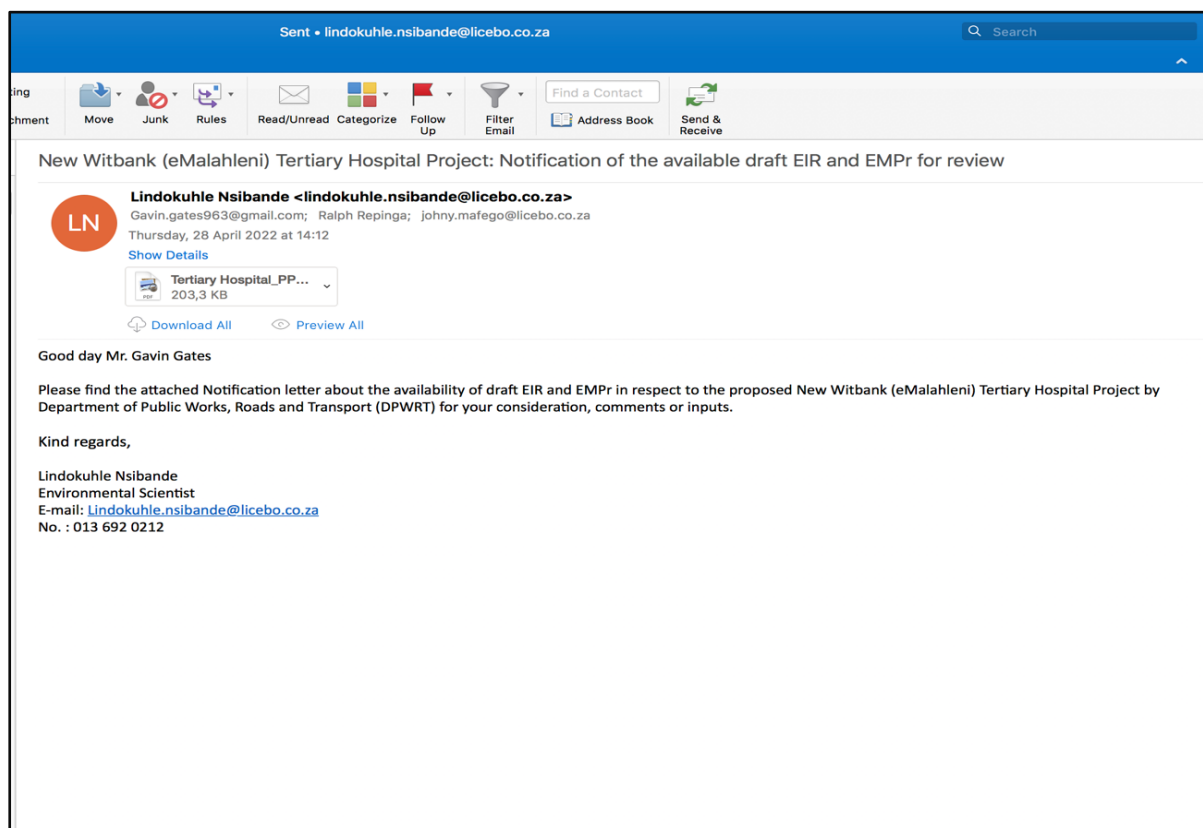
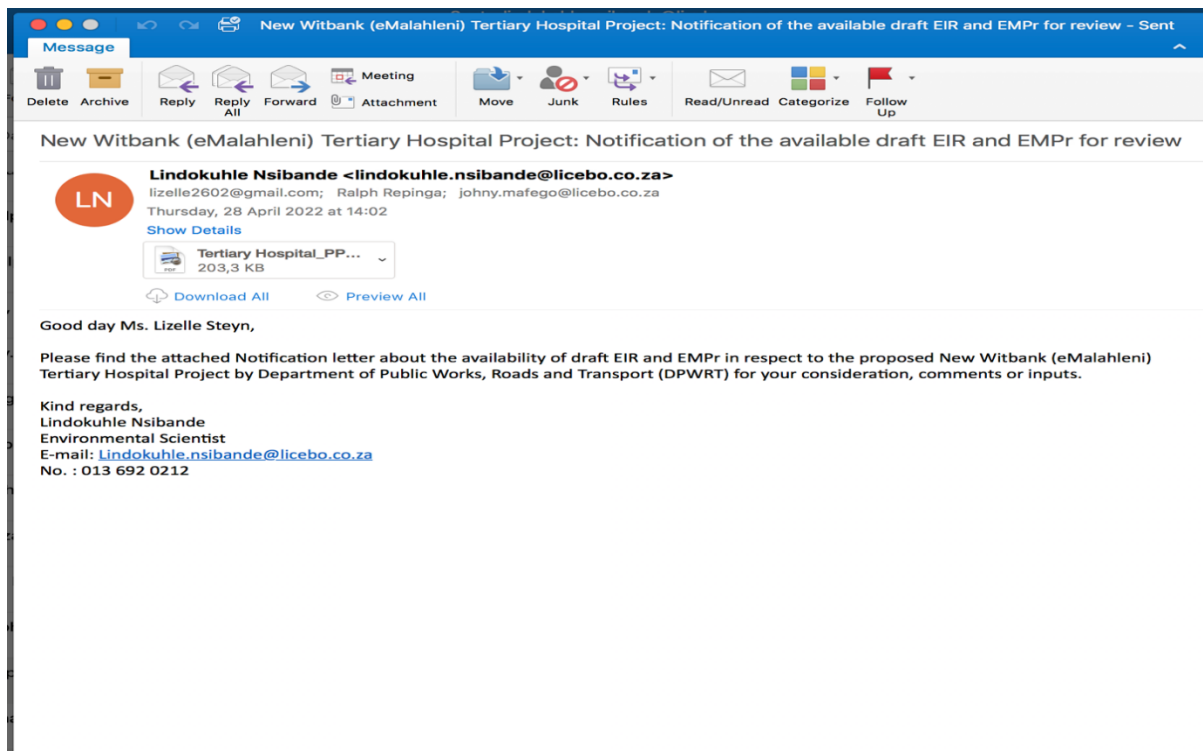


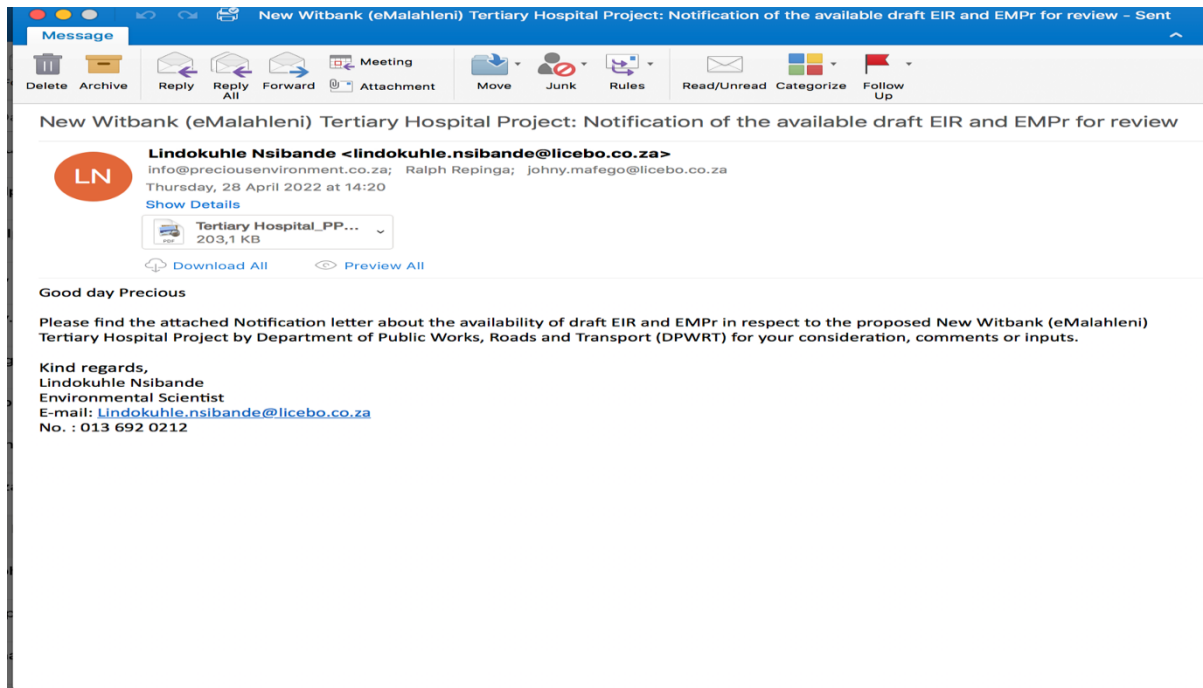
# **ANNEXURE F: EMAIL COMMUNICATION**

## 1. Department of Mineral Resources and Energy (DMRE)

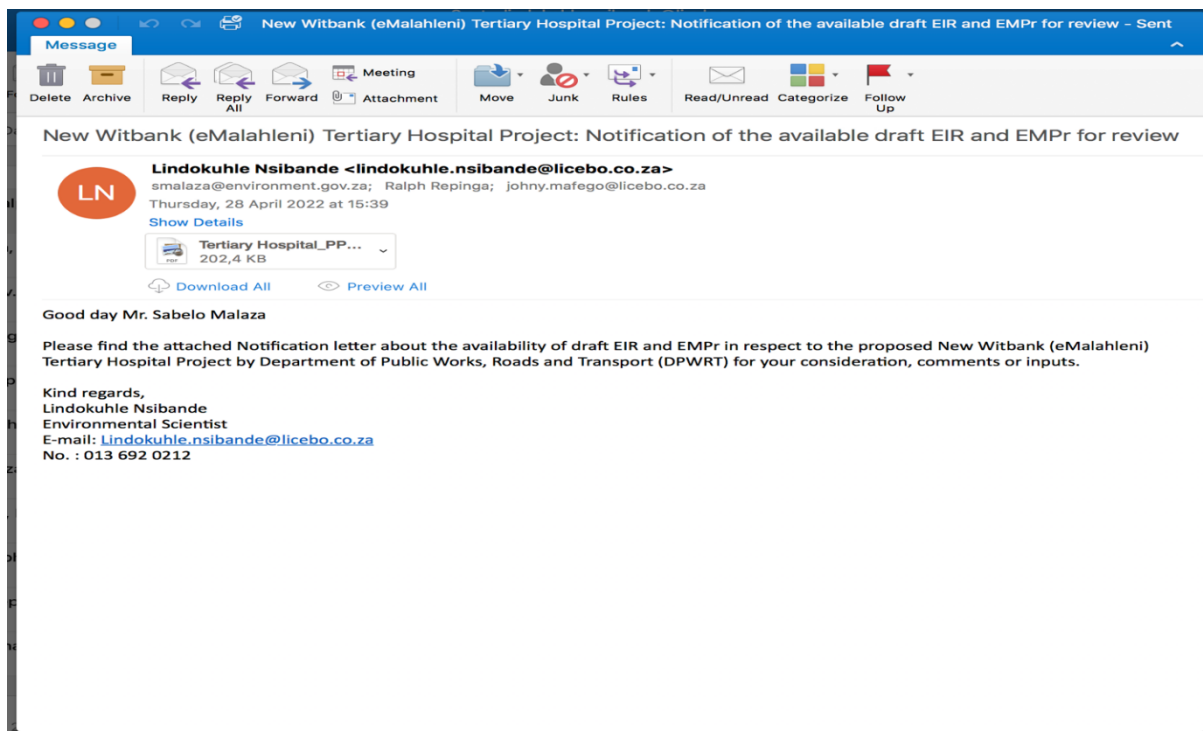


## 2. EMALAHLENI HOSPITAL STAKEHOLDER (I&APS)

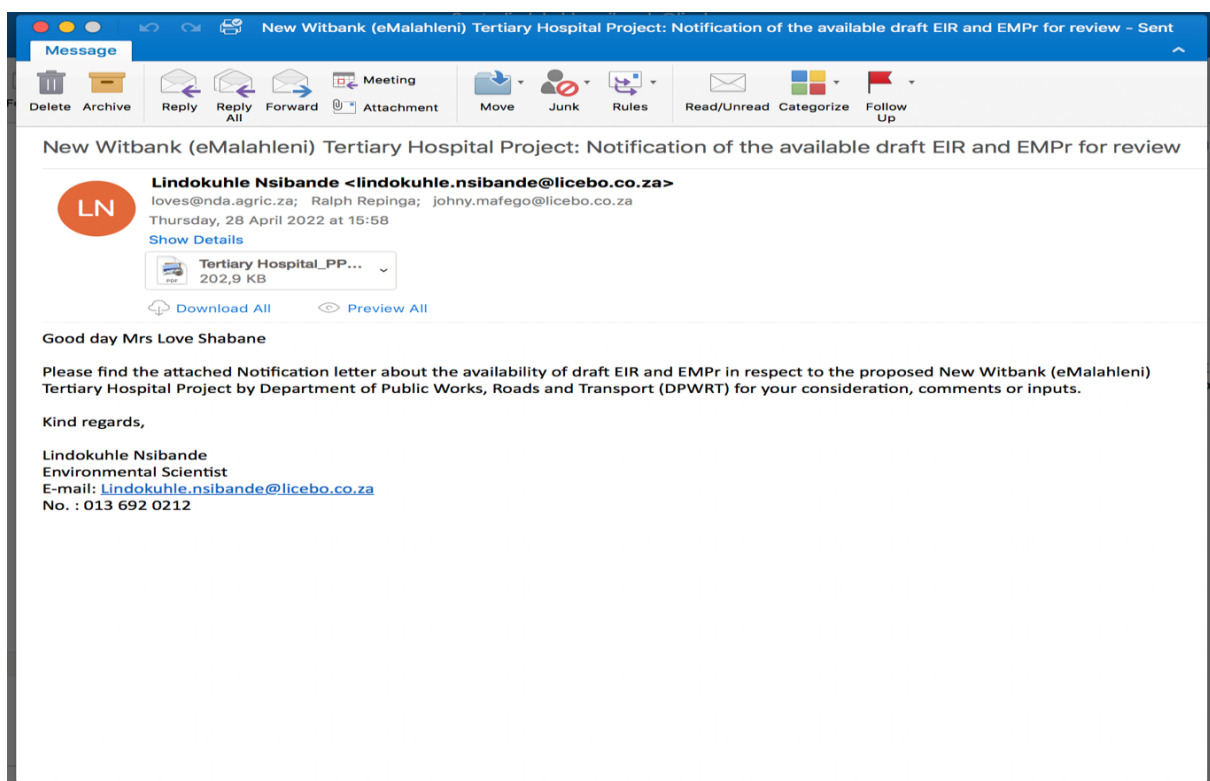
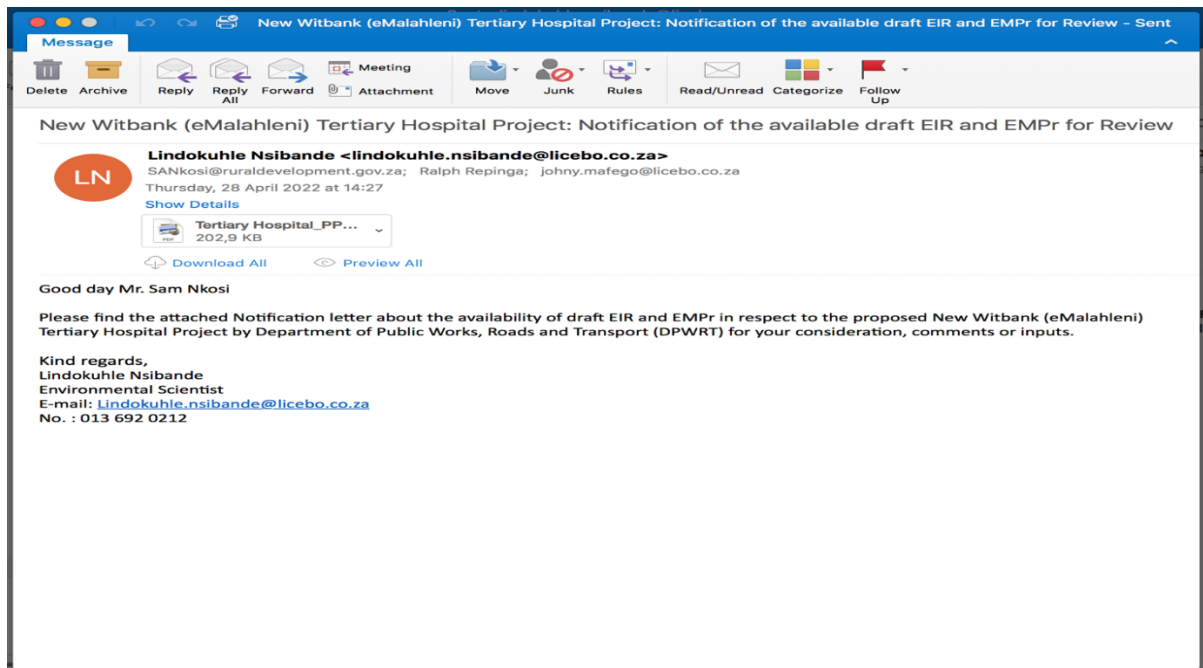


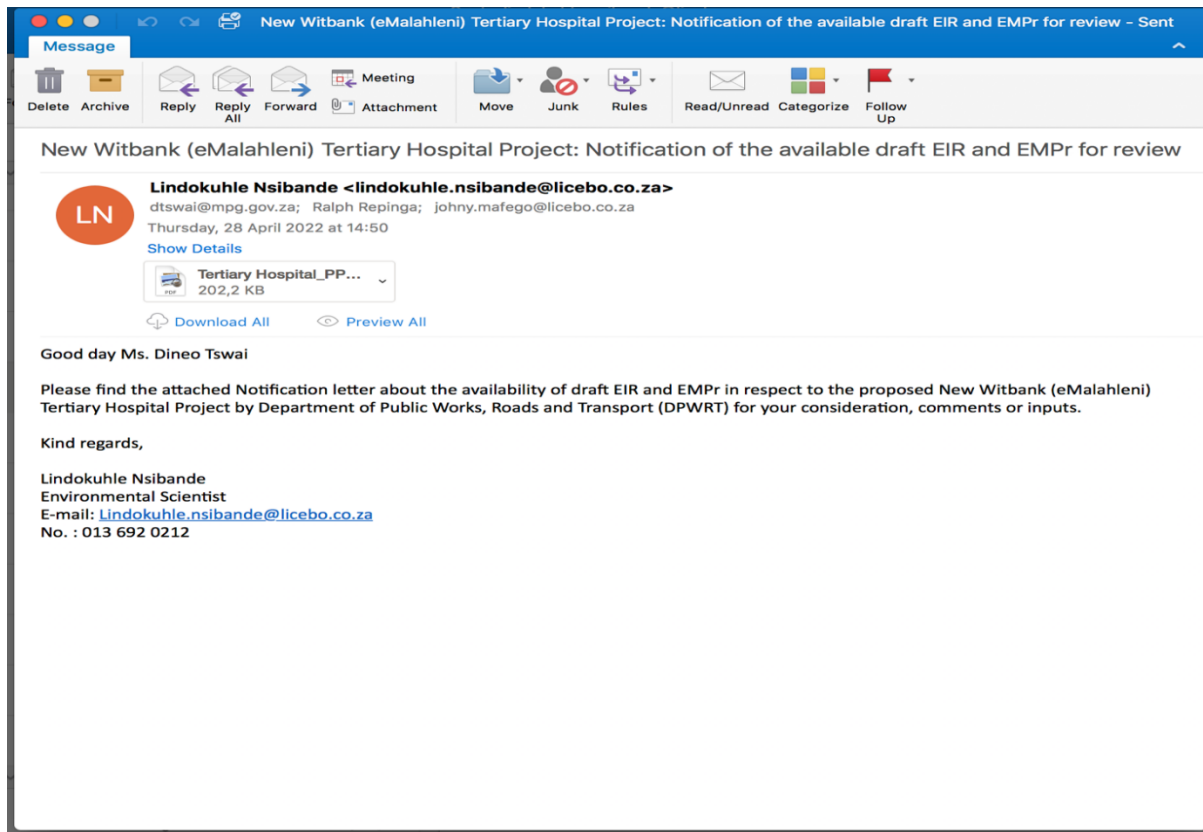


### 3. DEPARTMENT OF FORESTRY, FISHERIES & THE ENVIRONMENT (DFFE)

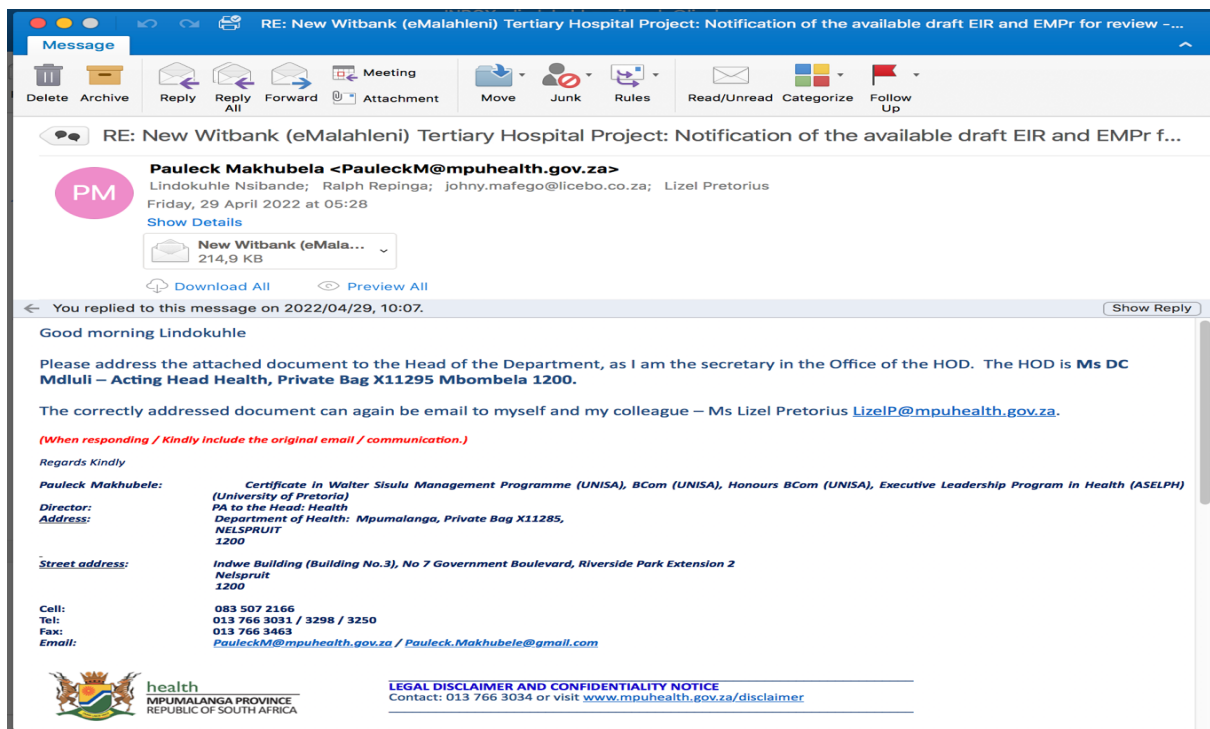
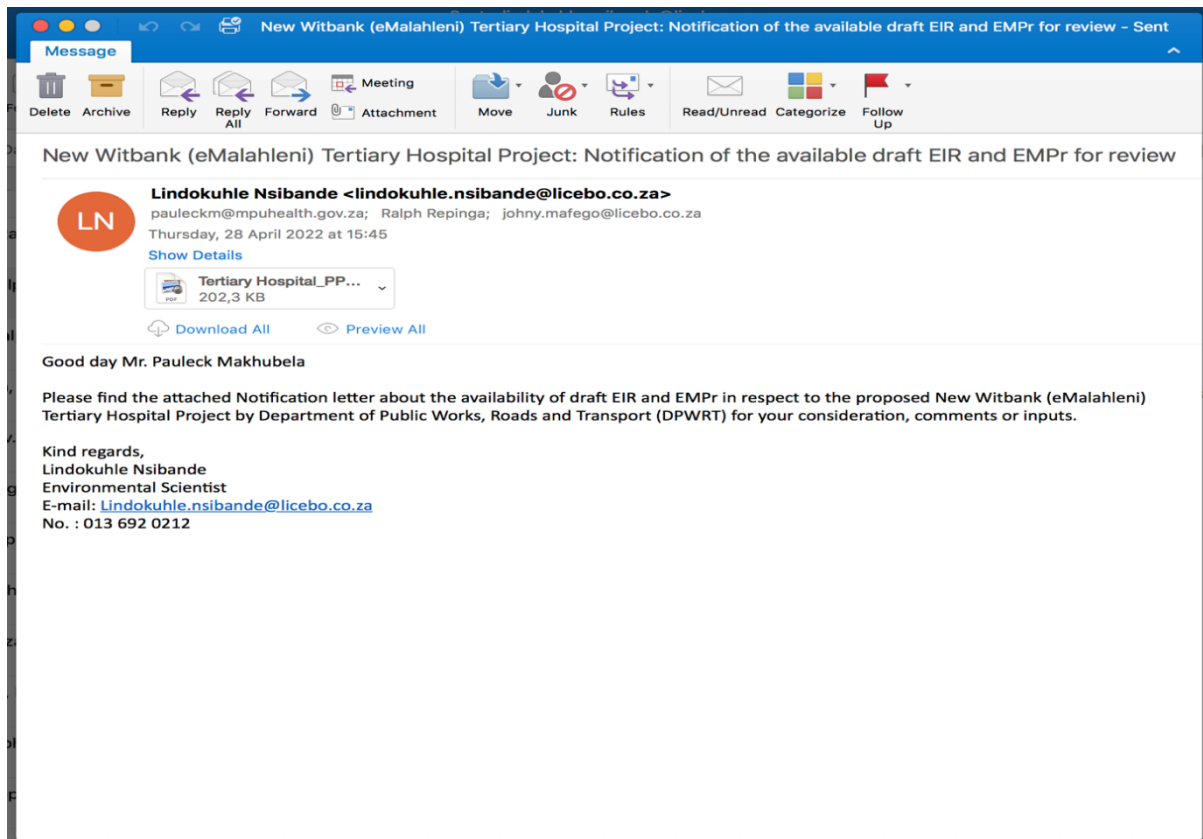


#### 4. Department of Agriculture, Rural Development, Land and Environmental Affairs (DARDLEA)

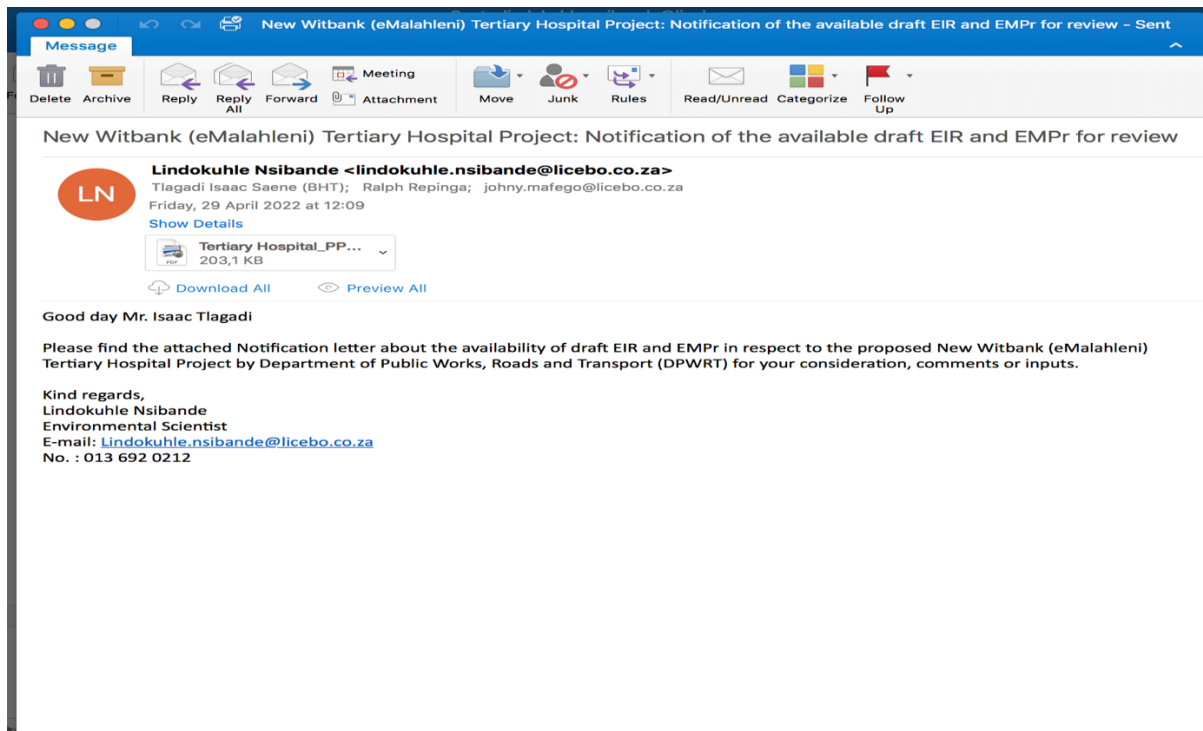




## 5. DEPARTMENT OF HEALTH (DOH)

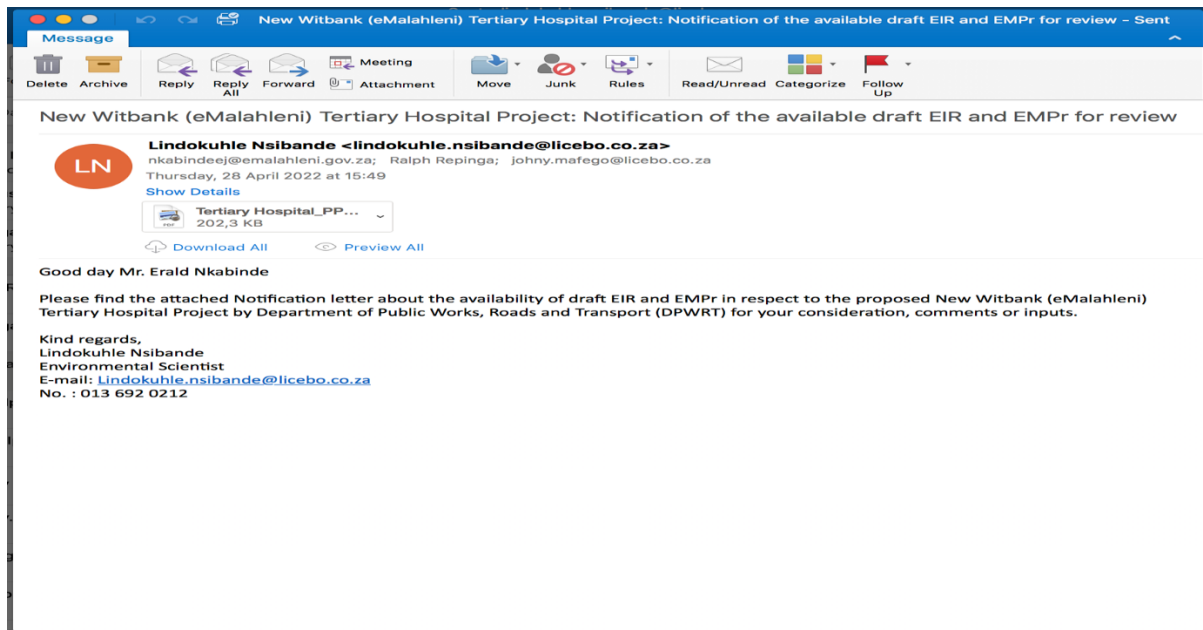


## 6. DEPARTMENT OF WATER AND SANITATION (DWS)

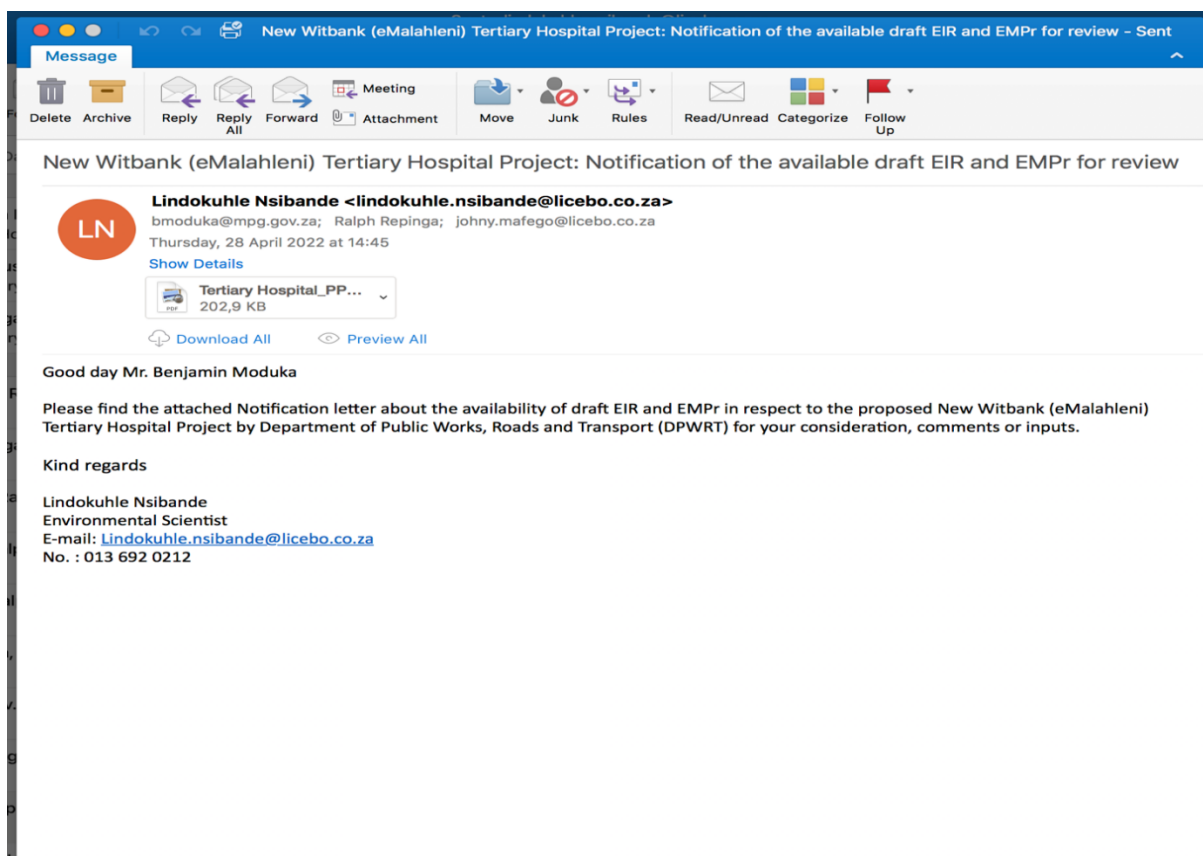




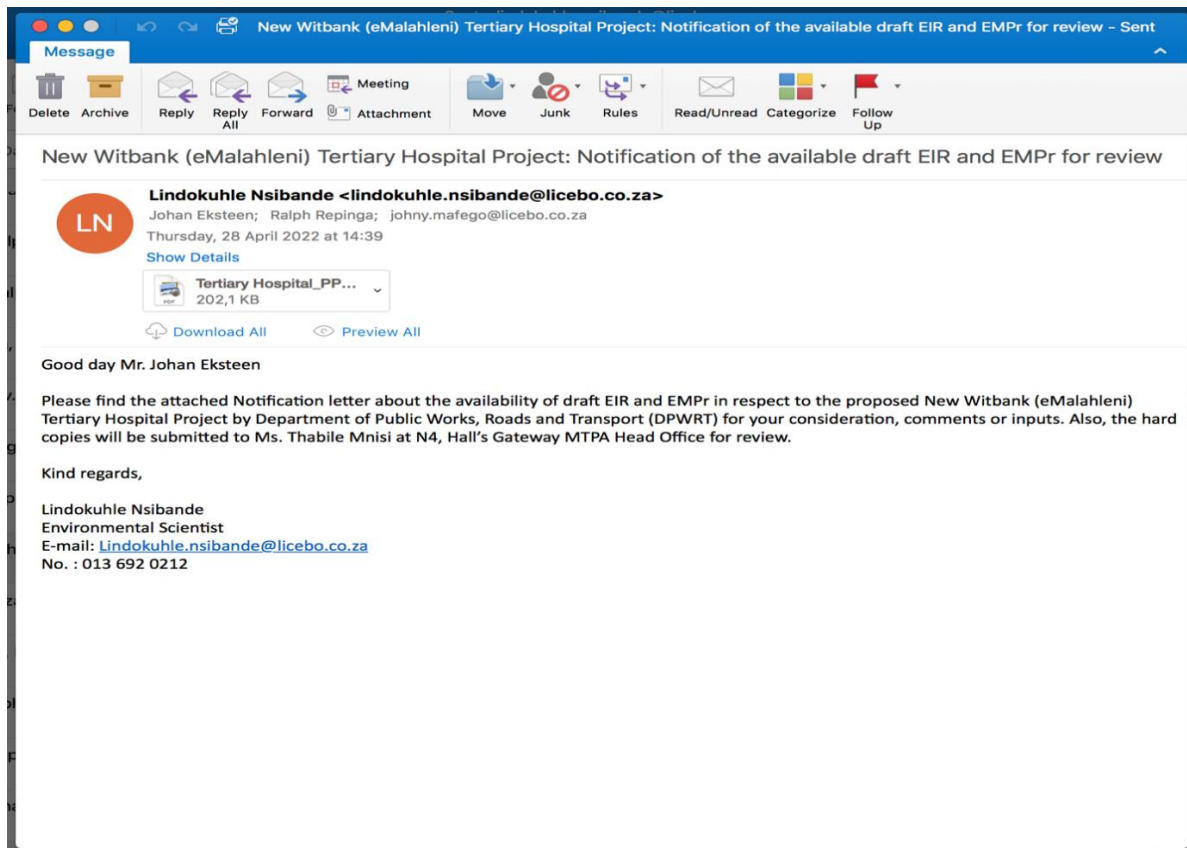
## 7. EMALAHLENI LOCAL MUNICIPALITY (ELM)



## 8. MPUMALANGA PROVINCIAL HERITAGE RESOURCE AUTHORITY (MPHRA)

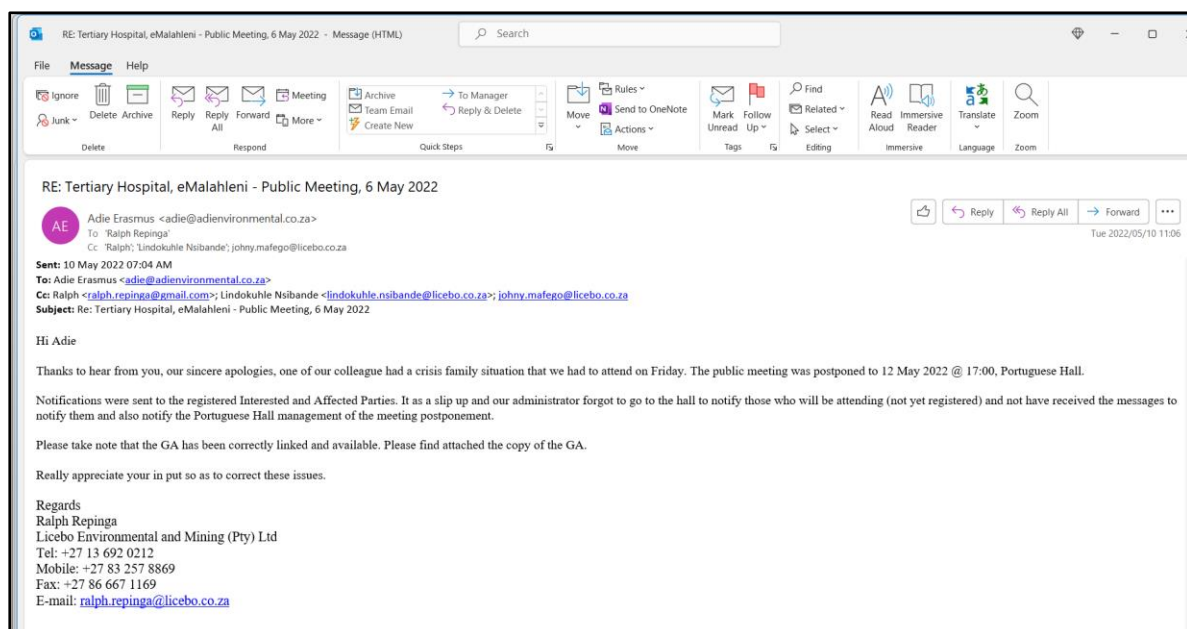


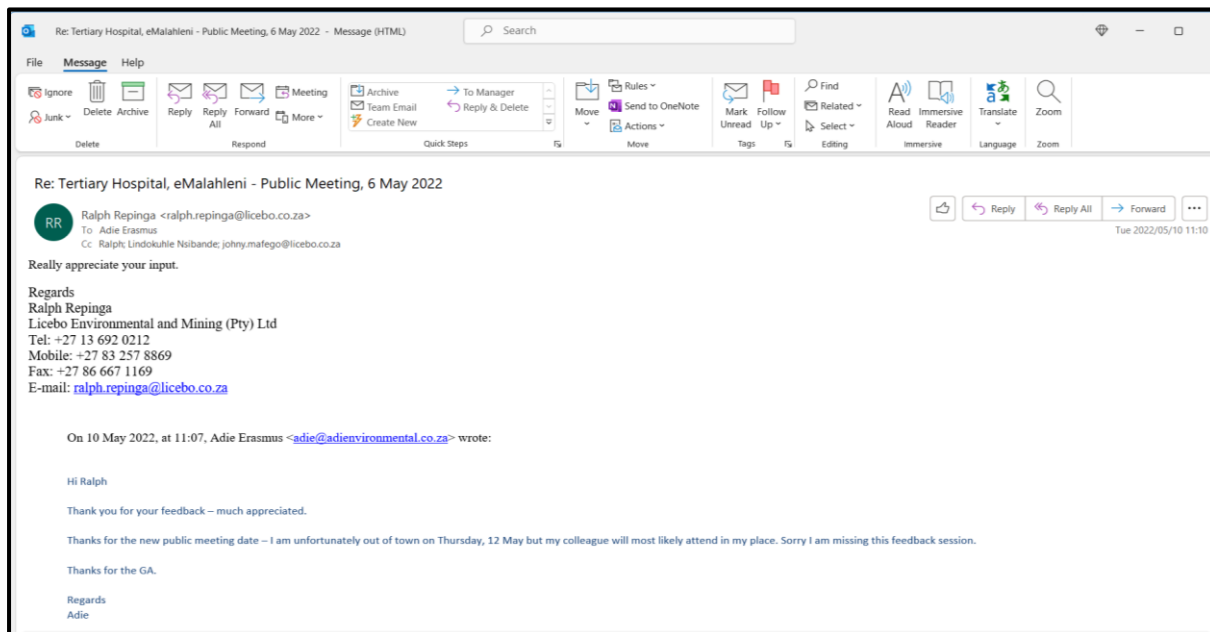
## 9. Mpumalanga Tourism & Parks Agency



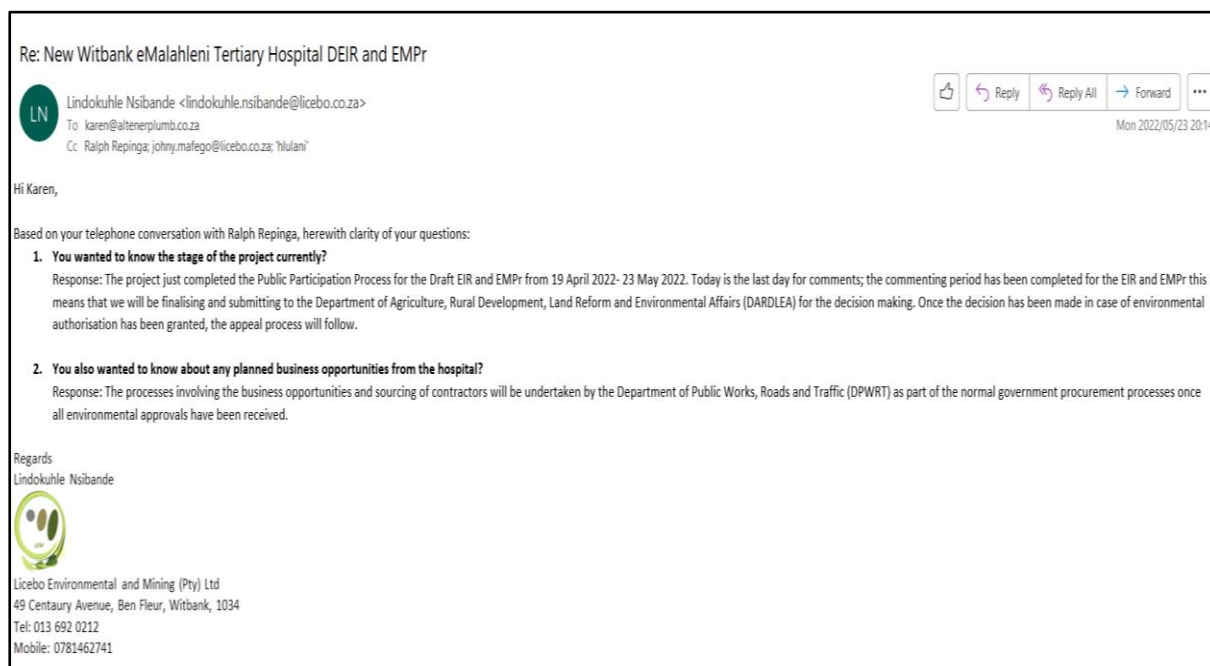
## 10. COMMUNICATION WITH STAKEHOLDERS

### 10.1. COMMUNICATION WITH EDIE ERASMUS

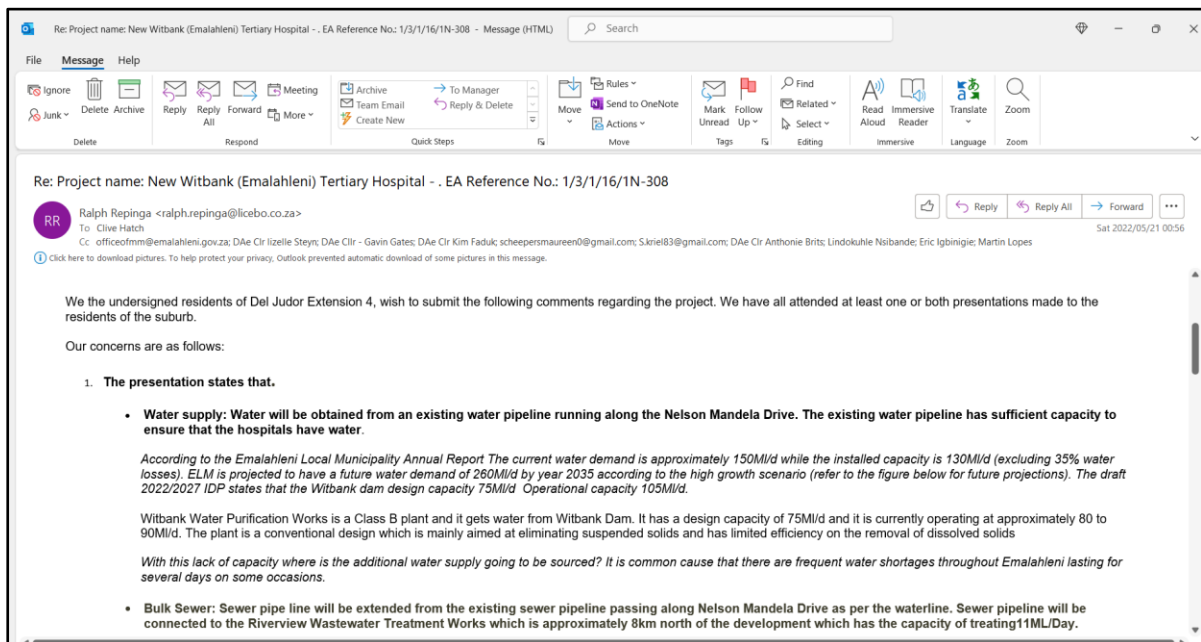
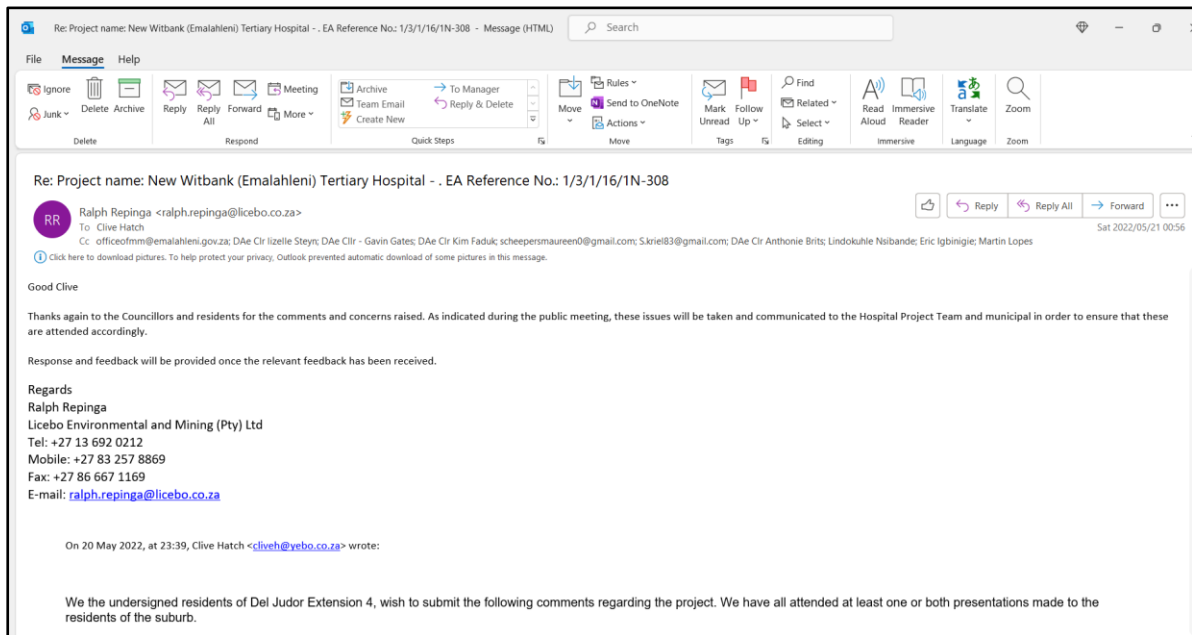




## 10.2. COMMUNICATION WITH KAREN



## 10.3. COMMUNICATION WITH CLIVE HATCH



Re: Project name: New Witbank (Emalahleni) Tertiary Hospital - . EA Reference No.: 1/3/1/16/1N-308 - Message (HTML)

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Re: Project name: New Witbank (Emalahleni) Tertiary Hospital - . EA Reference No.: 1/3/1/16/1N-308

Ralph Repinga <ralph.repinga@licebo.co.za>  
To: Clive Hatch  
Cc: officeofmm@emalahleni.gov.za; DAe Cllr Izelle Steyn; DAe Cllr - Gavin Gates; DAe Cllr Kim Fadiuk; scheepersmaureen0@gmail.com; Skriel83@gmail.com; DAe Cllr Anthonie Brits; Lindokuhle Nisibande; Eric Igbinigie; Martin Lopes

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*several days on some occasions.*

- Bulk Sewer:** Sewer pipe line will be extended from the existing sewer pipeline passing along Nelson Mandela Drive as per the waterline. Sewer pipeline will be connected to the Riverview Wastewater Treatment Works which is approximately 8km north of the development which has the capacity of treating 11ML/Day. Riverview sewerage plant design capacity 11ML/d while the current operating capacity 16ML/d.

*With this lack of capacity where is the additional purification capacity going to be sourced? It is common cause that there are frequent sewerage overflows in Mandela Drive from the Highveld Mall, Del Judor Extension 4 and other business operating down the road. The Riverview Water Treatment Works will never cope with additional sewerage generated at a 400 bed hospital with 4000 employees expanding to 600 beds in the future*

- Electricity:** Power supply will be obtained from the two nearby substations, namely Doornpoort substation and Model Park substation. ELM confirmed that power capacity is available in both substations. Doornpoort substation will be used as the main supply power line and the Model Park substation will be the backup station. Powerline to be constructed shall have a capacity to carry up to 9MVA to cater for future hospital expansion from 400 beds to 600 beds.

In the draft 2022/2026 IDP it is reported that the nominal maximum demand (NMD) collectively for the municipal intake points from Eskom total 250MVA and the Municipality utilizes 300MVA which clearly indicates that the demand is higher than the supply. The challenges are the old and outdated infrastructure. Furthermore, the municipality is experiencing electrical losses due to old and outdated infrastructure including illegal connections and by-passing of meters.

*Currently there are frequent power failures to the areas supplied with electricity supplied from the Doornpoort substation which is old and outdated infrastructure. It should also be noted that the Doornpoort substation also feeds the Model Park substation.*

An example of our concerns about the power supply is a communique issued by the Emalahleni Local Municipality on Friday 20 May 2022:

Re: Project name: New Witbank (Emalahleni) Tertiary Hospital - . EA Reference No.: 1/3/1/16/1N-308 - Message (HTML)

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Re: Project name: New Witbank (Emalahleni) Tertiary Hospital - . EA Reference No.: 1/3/1/16/1N-308

Ralph Repinga <ralph.repinga@licebo.co.za>  
To: Clive Hatch  
Cc: officeofmm@emalahleni.gov.za; DAe Cllr Izelle Steyn; DAe Cllr - Gavin Gates; DAe Cllr Kim Fadiuk; scheepersmaureen0@gmail.com; Skriel83@gmail.com; DAe Cllr Anthonie Brits; Lindokuhle Nisibande; Eric Igbinigie; Martin Lopes

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*An example of our concerns about the power supply is a communique issued by the Emalahleni Local Municipality on Friday 20 May 2022:*

**Please Note: Power Supply**  
**Due to extreme cold weather conditions, the usage of electricity has increased and the substations are at risk of tripping due to overloading. Please use electricity sparingly and switch off geysers, pool pumps, electric heaters and non essential appliances to avoid overloading the network.**

**~Emalahleni Local Municipality Communications Unit**

How will the existing system cope with a 400 bed hospital and 4000 employees?

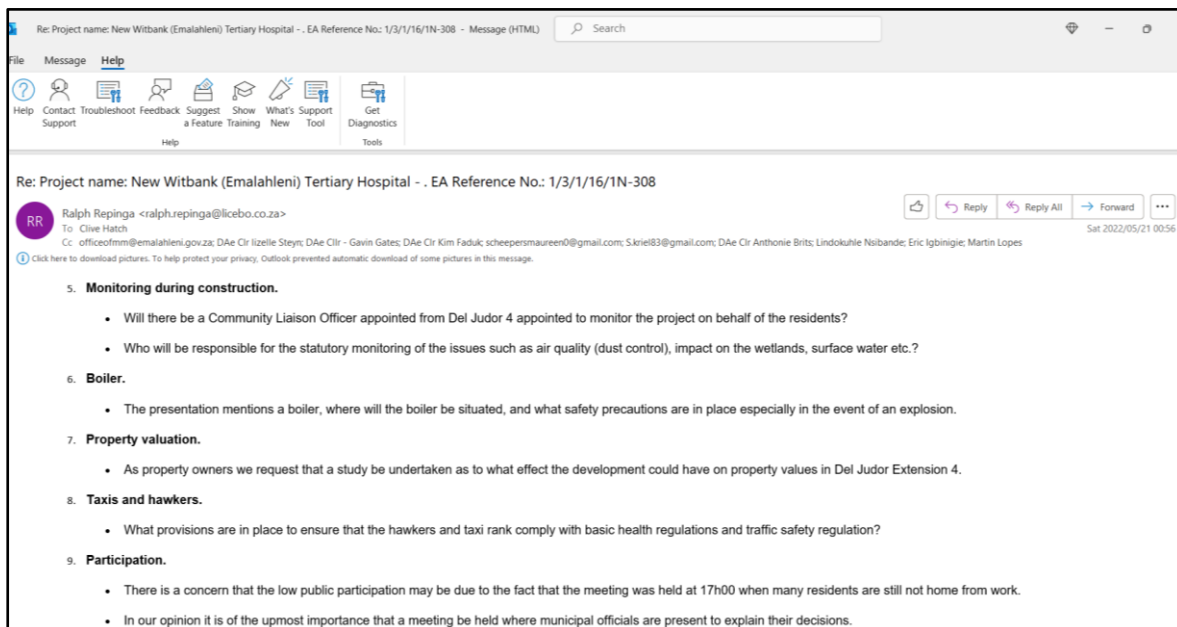
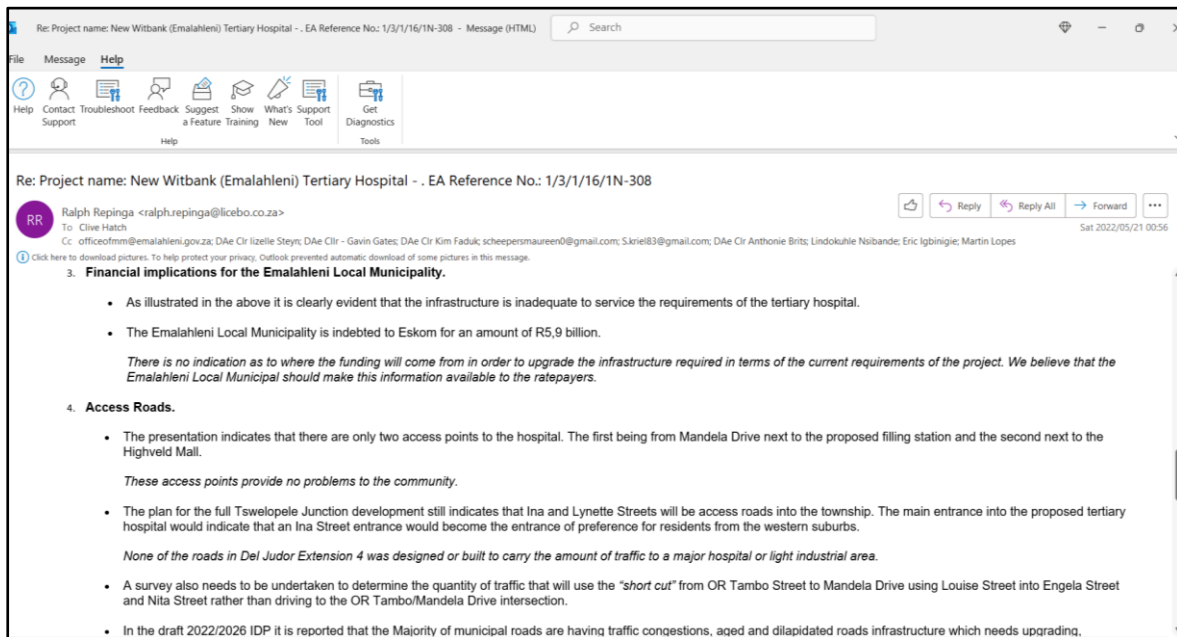
2. **Additional developments.**

- The presentation only covers the infrastructural developments for the proposed development of the tertiary hospital. Have the requirements for the proposed Tswelopele Junction Township been taken into account?
- Apple Property Construction are currently marketing a 200 townhouse development in Mandela Drive between Indlela Country Lodge and Builders Warehouse, has this development also been incorporated into the mix when determining the infrastructural requirements for the proposed Tertiary Hospital?

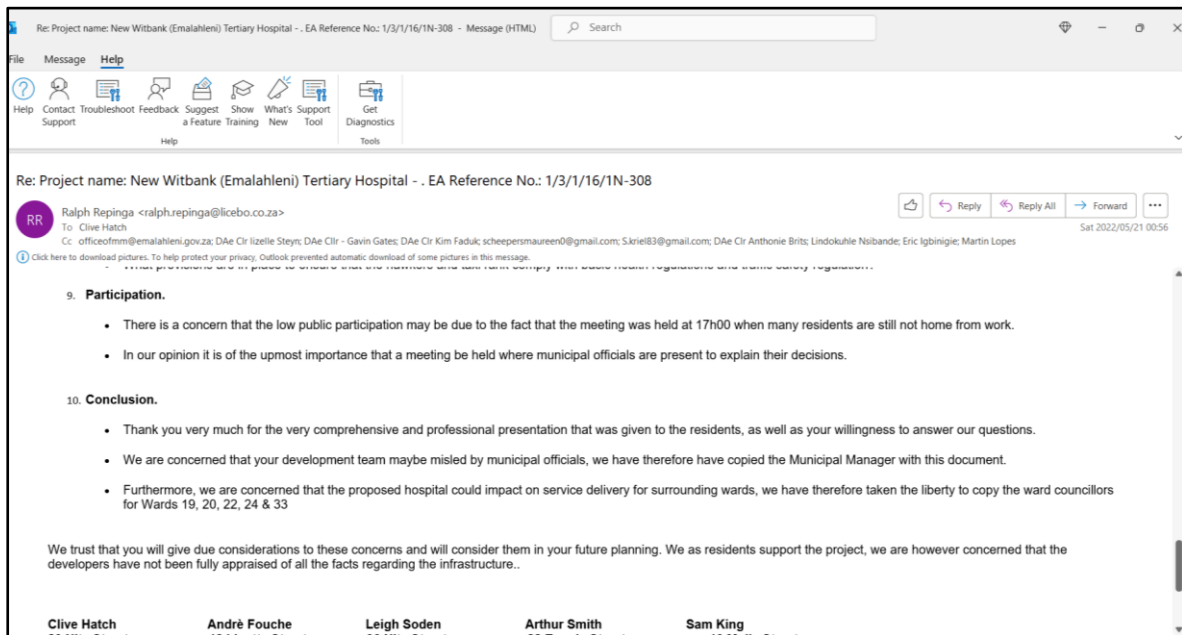
3. **Financial implications for the Emalahleni Local Municipality.**

- As illustrated in the above it is clearly evident that the infrastructure is inadequate to service the requirements of the tertiary hospital.
- The Emalahleni Local Municipality is indebted to Eskom for an amount of R5,9 billion.

*There is no indication as to where the funding will come from in order to upgrade the infrastructure required in terms of the current requirements of the project. We believe that the*







**ANNEXURE G:  
PUBLIC PARTICIPATION  
MEETING PRESENTATION AND  
DWS PRESENTATION**





## **MPUMALANGA DEPARTMENT OF PUBLIC WORKS, ROADS AND TRANSPORT**

### **NEW WITBANK (EMALAHLENI) TERTIARY HOSPITAL PROJECT PUBLIC PARTICIPATION MEETING**

Prepared by: Licebo Environmental and Mining (Pty) Ltd

12 May 2022

## **TABLE OF CONTENT**

- Introduction and Project Team
- Purpose of the meeting
- Project description
- Public Participation Process
- Project Overview
- Proposed Specialist studies and environmental impacts
- The NEMA And WUL Process – Application Phase
- Summary Of Documents To Be Compiled
- Way forward
- Contact Details of the EAP
- Questions and Answer

2

## INTRODUCTION AND PROJECT TEAM

- Environmental Assessment Practitioner: Licebo Environmental and Mining (Pty) Ltd
  - Ralph Repinga (Project Manager)
  - Lindokuhle Nsibande (Environmental Scientist)
  - Johny Mafego (Environmental Scientist)
  - Hlulani Phakula (Environmental Scientist)
- Applicant or DPRWRT representatives
  - Phumudzo Sinugo (Environmental Officer: DPWRT)

3

## PURPOSE OF THE MEETING

- Provide project background and project specific information.
- Provide information regarding the Environmental Impact Report (EIR) & Environmental Management Programme report (EMPr) and Water Use Licence Application (WULA) processes (General Authorisation).
- Provide an update on the project progress to date.
- To provide opportunity for issues and comments to be raised and questions to be asked.
- Discuss the way forward.

4

## PROJECT DESCRIPTION

- **Applicant:** Mpumalanga Department of Public Works, Roads and Transport (DPWRT)
- **Project name:** New Witbank (eMalahleni) Tertiary Hospital
- **Purpose of the project:** Application process for the EIA/EMPr and WUL for the proposed New Witbank eMalahleni Tertiary Hospital.
- **Study Area:** Erf 1 Tswelopele Junction JS
- **EA Reference No.:** 1/3/1/16/1N-308

The Mpumalanga Province Department of Public Works, Roads and Transport (DPWRT) appointed by the Department of Health is intending to construct 400 beds (200 tertiary beds and 200 regional beds).

Tertiary Hospital and approximately 75 beds for the future proposed psychiatric ward on Erf 1 of Tswelopele Junction Township, located in Ward 34 of eMalahleni Local Municipality (ELM).

5

## PROJECT DESCRIPTION

- This hospital is known as the eMalahleni Tertiary Hospital. The proposed project will be constructed on 35 hectares of a portion of the Remainder of Erf 1 Tswelopele Junction JS.
- The project will be undertaken within the larger 87,99 ha of property which is registered the ELM.
- The powerlines running within Portion 415 and 416 of the Farm 311 JS.
- Activities to be undertaken will include construction of Medical Wards, Surgical Theatres, Radiology Department, Pathology Lab, Paediatrics Ward, Maternity Wards, Surgical Wards, Medical laboratory, High Care Wards, Emergency or Casualty Unit and Short Stay Ward, Stormwater Management System and Temporary Waste Storage Facilities.

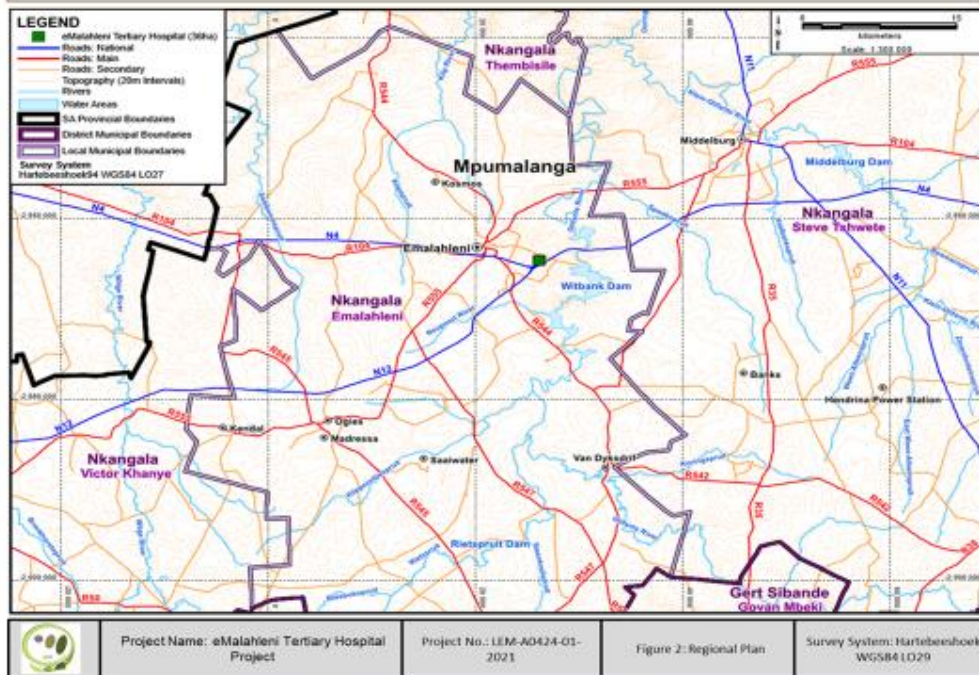
6

## PROJECT DESCRIPTION

- Supporting infrastructure to be constructed include:
  - Management Offices
  - Doctors' suites and medical personnel offices
  - Waste management storage yard
  - Furnaces and Boilers
  - Incinerator
  - Security guardhouse
  - Parking space
  - Sport facilities including soccer fields
  - Stormwater management infrastructure
  - Internal road infrastructure
  - Pump station for sewer reticulation (To connect to the existing municipal sewer reticulation system)

7

## REGIONAL PLAN

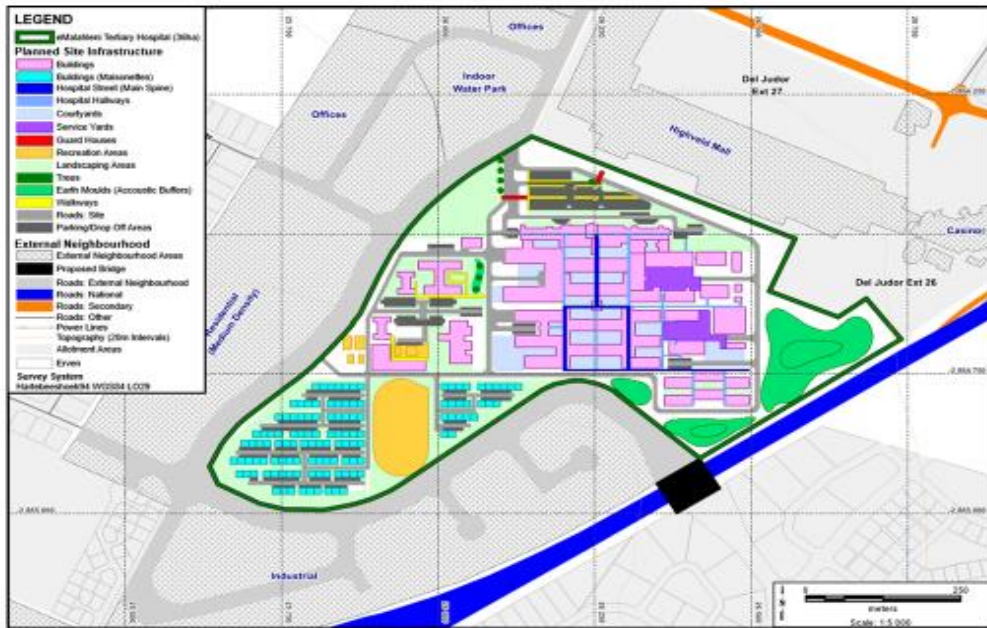


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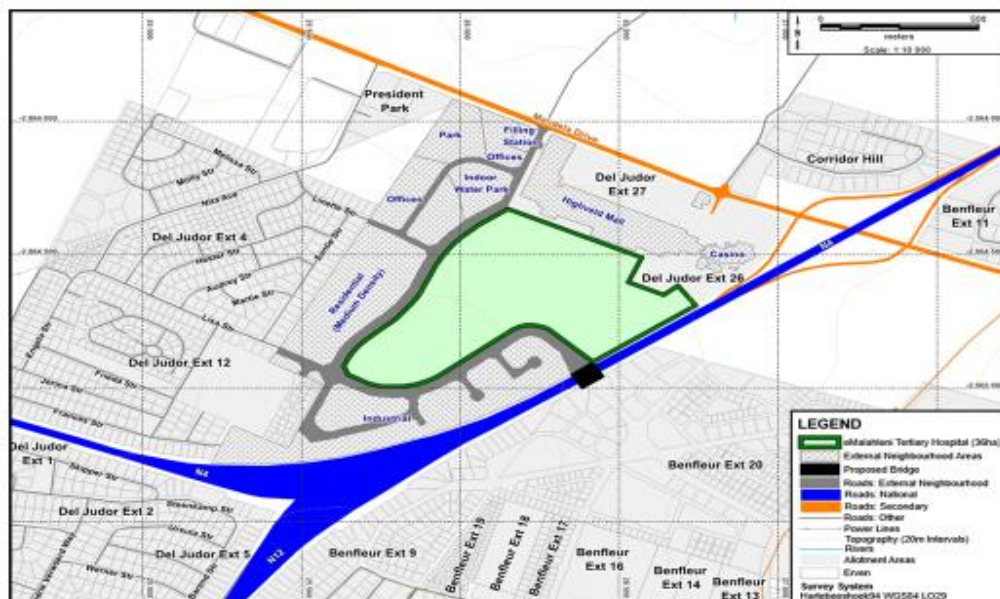


## INFRASTRUCTURE LAYOUT



11

## SITE LAYOUT



12

## SERVICES INFRASTRUCTURE

- Power supply will be obtained from the two nearby substations, namely Doornpoort substation and Modelpark substation.
- ELM confirmed that power capacity is available in both substations.
- Doornpoort substation will be used as the main supply power line and the Modelpark substation will be the back-up station.
- Powerline to be constructed shall have a capacity to carry up to 9MVA to cater for future hospital expansion from 400 beds to 600 beds.

### Doornpoort Substation

- The Doornpoort Substation located about 3.5km from the identified Hospital site will be the main supply, supplying 22kV of power to the Hospital.
- An overhead 22kV power line shall be constructed from Doornpoort substation to New Tertiary Hospital.

### Modelpark Substation

- The Modelpark Substation located about 2.13km from the identified Hospital site will be supply used as the backup supply supplying 22kV of power.
- An overhead 22kV power line shall be constructed from Modelpark substation to the Hospital







## SERVICES INFRASTRUCTURE

### Bulk Water

- Water will be obtained from an existing water pipeline running along the Nelson Mandela drive.
- The existing water pipeline have the sufficient capacity to ensure that the hospitals have water.

### Bulk Sewer

- Sewer pipeline will be extended from the existing sewer pipeline passing along Nelson Mandela drive as per the water line.
- Sewer pipeline will be connected to the Riverview Wastewater Treatment Works (RWWTW) which is approximately 8km north of the development which has the capacity of treating 11ML/Day.

17

## SERVICES INFRASTRUCTURE

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18

## SERVICES INFRASTRUCTURE

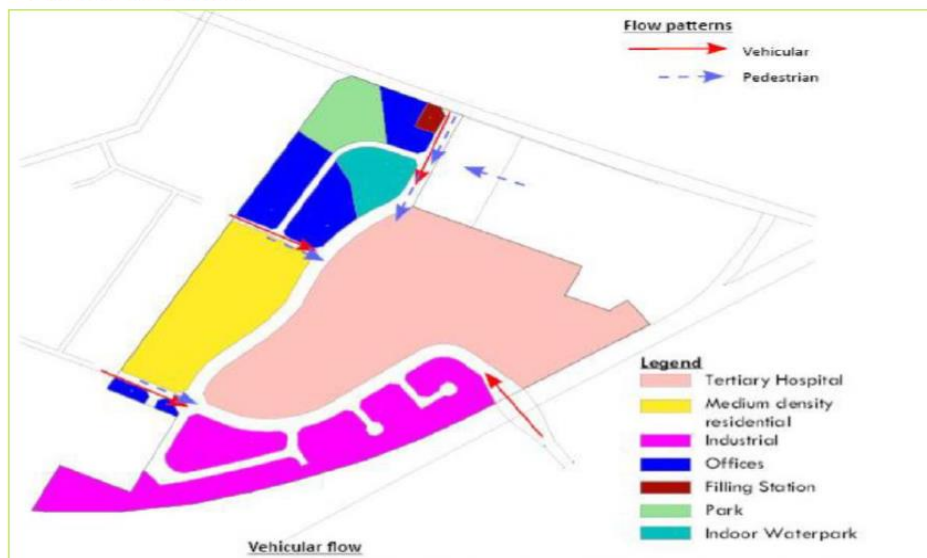
### Bulk Sewer

- Sewer pipeline will be extended from the existing sewer pipeline passing along Nelson Mandela drive.
- Sewer pipeline will be connected to the sewer reticulation draining to the Riverview Wastewater Treatment Plant (RWWTT) which is approximately 8km north of the development which has the capacity of treating 11ML/Day.

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## SERVICES INFRASTRUCTURE

### Access roads



20

## NEMA LISTED ACTIVITIES

Activity No(s):	Provide the relevant Basic Assessment Activity(ies) as set out in Listing Notice 1 of the EIA Regulations, 2014 as amended	Describe the portion of the proposed project to which the applicable listed activity relates.
Activity 9	The development of infrastructure exceeding 1000 metres in length for the bulk transportation of water or storm water-  (i) with an internal diameter of 0,36 metres or more; or (ii) with a peak throughput of 120 litres per second or more.	Activities associated with the construction of clean water reticulation and stormwater management infrastructure.
Activity 10	The development and related operation of infrastructure exceeding 1000 metres in length for the bulk transportation of sewage, effluent, process water, wastewater, return water, industrial discharge or slimes  (i) with an internal diameter of 0,36 metres or more; or (ii) with a peak throughput of 120 litres per second or more.	Activities associated with bulk transportation of sewer water reticulation infrastructure.
Activity 14	The development of facilities or infrastructure, for the storage, or for the storage and handling, of a dangerous good, where such storage occurs in containers with a combined capacity of 80 cubic metres or more but not exceeding 500 cubic metres.	Activities associated with the storage and handling of dangerous goods including petrol, diesel, gases and lubricants at the hospital garage or refuelling station.
Activity 19	The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from-  (i) a watercourse.	Activities associated with the construction of the hospital within wetland that might be occurring within the study area subject to confirmation based on the wetland impact assessment and delineation study.

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## NEMA LISTED ACTIVITIES

Activity No(s):	Provide the relevant Basic Assessment Activity(ies) as set out in Listing Notice 1 of the EIA Regulations, 2014 as amended	Describe the portion of the proposed project to which the applicable listed activity relates.
Activity 24	The development of a road:  I. with a reserve wider than 13,5 meters, or where no reserve exists where the road is wider than 8 metres. But excluding a road: (b) where the entire road falls within an urban area;	Construction of the development road infrastructure which will include service and access roads subject that these roads are meeting this requirement.
Activity 25	The development and related operation of facilities or infrastructure for the treatment of effluent, wastewater or sewage with a daily throughput capacity of more than 2000 cubic metres but less than 15 000 cubic metres.	Activity relating to the development and operation of sewer waste including the related pumping facilities, subject to the confirmation of the daily throughput capacity and whether a plant will be constructed for this project, or the existing plants will be used. In case of the latter, this activity will not be applicable.
Activity 28	Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 01 April 1998 and where such development: (i) will occur inside an urban area, where the total land to be developed is bigger than 5 hectares; or excluding where such land has already been developed for residential, mixed, retail, commercial, industrial or institutional purposes.	Activities relating to the development of the proposed project including the hospital which will fall within the institutional development within the eMalahleni urban area.

22

## NEMA ACTIVITIES

Activity No(s):	Provide the relevant Basic Assessment Activity(ies) as set out in Listing Notice 2 of the EIA Regulations, 2014 as amended	Describe the portion of the proposed project to which the applicable listed activity relates.
Activity 6	The development of facilities or infrastructure for any process or activity which requires a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent.	Activity associated with the development of the eMalahleni Tertiary Hospital furnace and boiler within the hospital.
Activity 15	The clearance of an area of 20 hectares or more of indigenous vegetation, excluding where such clearance of indigenous vegetation is required for:  (i) the undertaking of a linear activity; or	Clearance of the proposed eMalahleni Tertiary Hospital area where the physical development of the proposed activities and related infrastructure will be undertaken is planned to be within 35 Ha.
Activity 27	The development of a road: (iii) a road with a reserve wider than 30 metres; or (iv) catering for more than one lane of traffic in both directions;	The proposed access road connecting from the Mandela Street and the other related service and access roads subject to the confirmation of the planned roads information for the development.

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## Project Alternatives

DPWRT developed 4 alternatives including the no-go option as option 4 to assess the potential impacts that each alternative will have on the receiving environmental as well as determine the most economic viable option.

24

## WATER USE ACTIVITIES

Types of water use	Activity Description
Section 21 (c) and (i)	New Witbank eMalahleni Tertiary Hospital and associated infrastructure.
Impeding or diverting the flow of water in a water course and altering the bed, banks, course or characteristics of a watercourse	Power line route from the sub-stations (Doornpoort and Moddelpark)

25

### Alternative 1 – Preferred alternative: Construct the New Proposed eMalahleni Tertiary Hospital

- Preferred alternative is considered because Mpumalanga Province does not have a comprehensive tertiary care facility.
- Construction of the proposed eMalahleni Tertiary Hospital will assist the province in ensuring that the required tertiary facilities are immediately accessible to the communities and also it will reduce the pressure on Gauteng tertiary facilities which are currently struggling to accommodate the province's own growth.

### Alternative 2 – Extending the Existing eMalahleni Provincial Hospital Capacity

- Alternative 2 involves extending the capacity of the eMalahleni Provincial Hospital by construction additional infrastructure to cater for the proposed Tertiary Beds.
- It must be indicated that the land or surface area available in the eMalahleni Provincial Hospital surface area will not be sufficient to cater for the construction of the proposed Tertiary Beds.
- The service infrastructure (Water supply pipelines and electricity supply) is currently under constraints and adding new beds will put the bulk services infrastructure under more constraints.

26

### **Alternative 1 – Preferred alternative: Construct the New Proposed eMalahleni Tertiary Hospital**

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- The service infrastructure (Water supply pipelines and electricity supply) is currently under constraints and adding new beds will put the bulk services infrastructure under more constraints.

26

### **Alternative 3 – Split Specialist Services between Impungwe Hospital and eMalahleni Provincial Hospital.**

- Alternative 3 involves dividing the specialist services between Impungwe Hospital and eMalahleni Provincial Hospital.
- Allow the required beds to be shared however both the Impungwe Hospital and eMalahleni Provincial Hospital are not designed to cater for tertiary specialist services, this will mean that the planned tertiary hospital services of the will not be undertaken within the province and will have to transport patients to Steve Biko Hospital.

### **Alternative 4: Do nothing – no change**

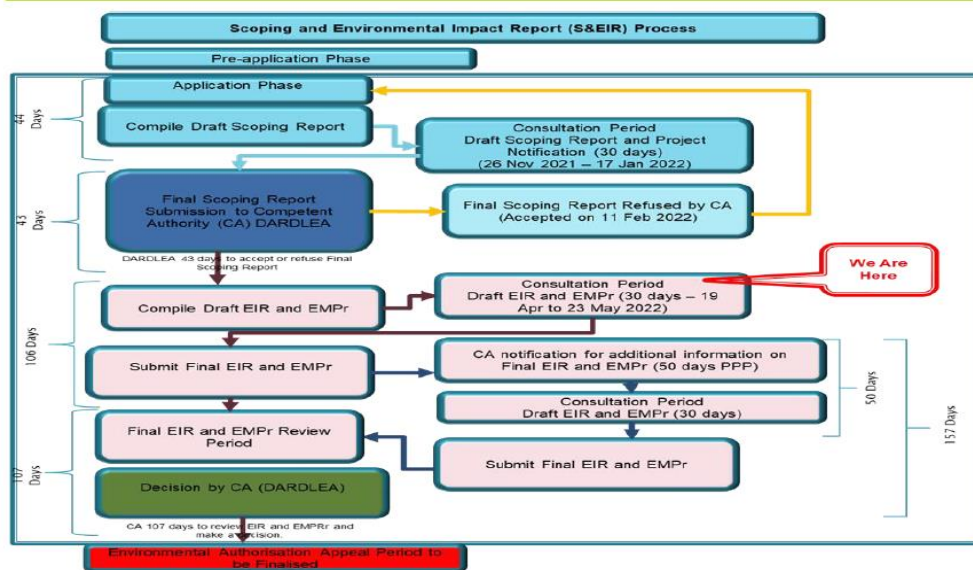
- Option involves the case whereby the Department of Health decides not to develop the required tertiary beds for the province.
- Meaning that the existing challenges will still be experienced, whereby patients will still need to be transported to Gauteng Province Hospitals.
- Option is not feasible at all since the people of Mpumalanga Province will still be experiencing the issues relating to long waiting lists and long travelling distances to receive the necessary medical assistance.

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## ENVIRONMENTAL PROCESS

## AUTHORISATION



28

## WATER USE APPLICATION PROCESS

Phase	Description	Responsible person	Time frames
1. Pre-application process	Engagement between the applicant and DWS to determine type of authorisation, conduct site inspection and information requirements.	Applicant	No count
	Applicant submits the application, technical report supporting the application is identified. Applicant compile technical report and submit to the Department		
2. Screening of technical report	The technical reporting supporting the application is screened, resulting in its acceptance or rejected. If rejected the application is closed.	Department	90 days
3. Assessment and decision	The application and technical report are evaluated, leading to recommendations and decision.		

29

## UNDERTAKEN SPECIALIST STUDIES

### Purpose:

- Understanding of the baseline environment
- Identify potential to investigate
- Quantify and contextualise the physical and social environmental impacts and
- Develop and propose mitigation and management measures

### Undertaken specialist studies:

- Ecological Impact Assessment (Fauna and Flora);
- Solid Waste and Effluent Management
- Soil, Land Use, Land Capability and Land Utilisation;
- Heritage Impact Assessment;
- Palaeontological Impact Assessment
- Visual Impact Assessment;
- Noise Impact Assessment;
- Air Quality Impact Assessment;
- Wetland Impact Assessment;
- Surface Water Impact Assessment;
- Geotechnical Impact Assessment;
- Socio-Economic Impact Assessment; and
- Traffic Impact Assessment.

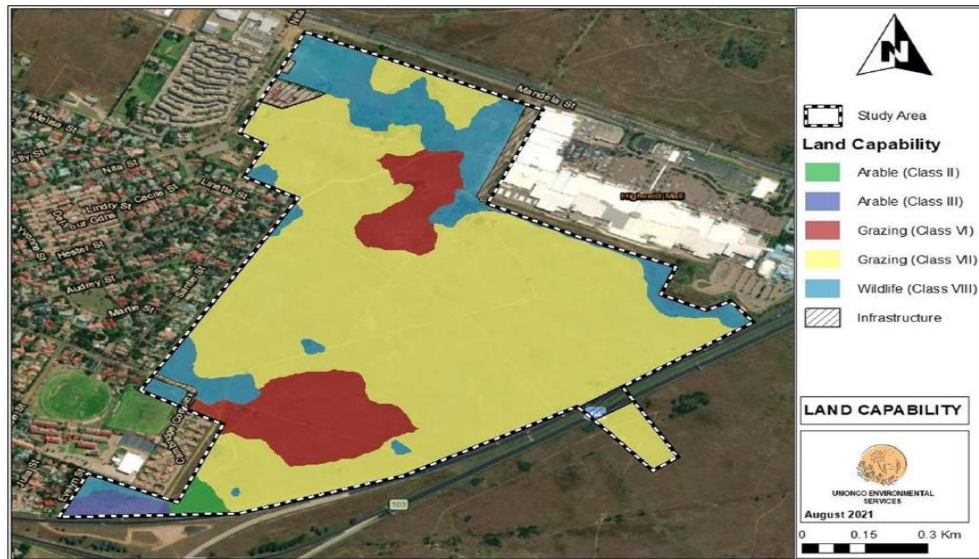
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## POTENTIAL SOIL, LAND USE, LAND CAPABILITY AND LAND UTILISATION IMPACT ASSESSMENT

31



## PROJECT LAND CAPABILITY AND LAND USE IMPACTS



32

## POTENTIAL SOIL, LAND CAPABILITY AND LAND USE IMPACTS

### Potential Impacts

- o Loss of soil / erosion decreases soil quality
- o Removing topsoil decreases soil quality
- o Pollution of soils by spills
- o Soils compaction from vehicles
- o Loss of potential agricultural land

### How Impacts will be Managed

- o Only disturb areas where activities are planned and strip topsoil material and stockpile accordingly
- o Limit erosion on topsoil stockpiles
- o Rip and rehabilitate construction compacted areas
- o Apply fertiliser when conducting rehabilitation work

## VISUAL IMPACT ASSESSMENT

37

## LANDSCAPE CHARACTER



View 1: From a local road (Nita Ave) in residential area, approximately 0.4km north-west of the site boundary.



View 3: From a local road (Kendal PS), approximately 4.3km south-west of the site.



Refer to Figure 2 for the location of the viewpoints

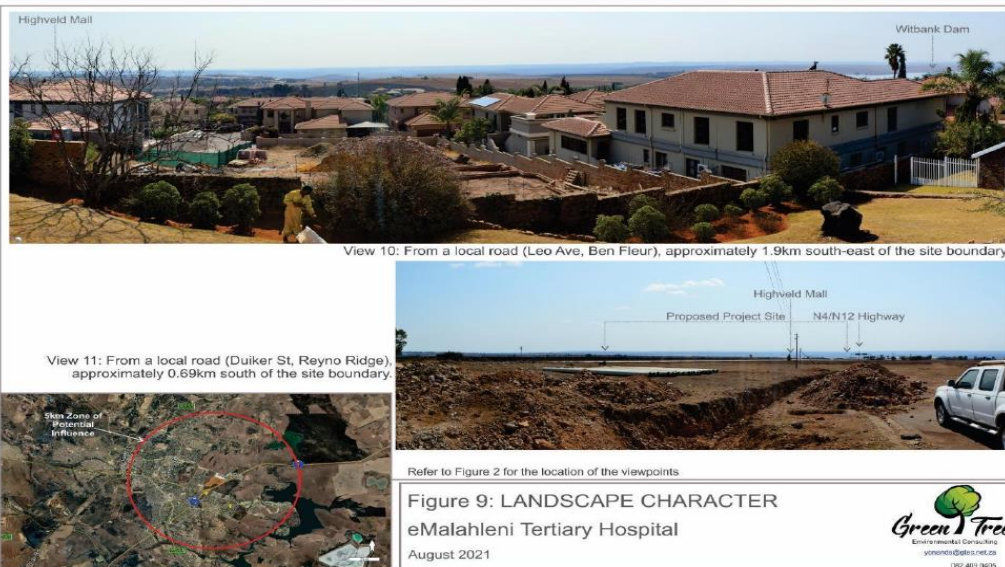
Figure 4: LANDSCAPE CHARACTER  
eMalahleni Tertiary Hospital  
August 2021



36

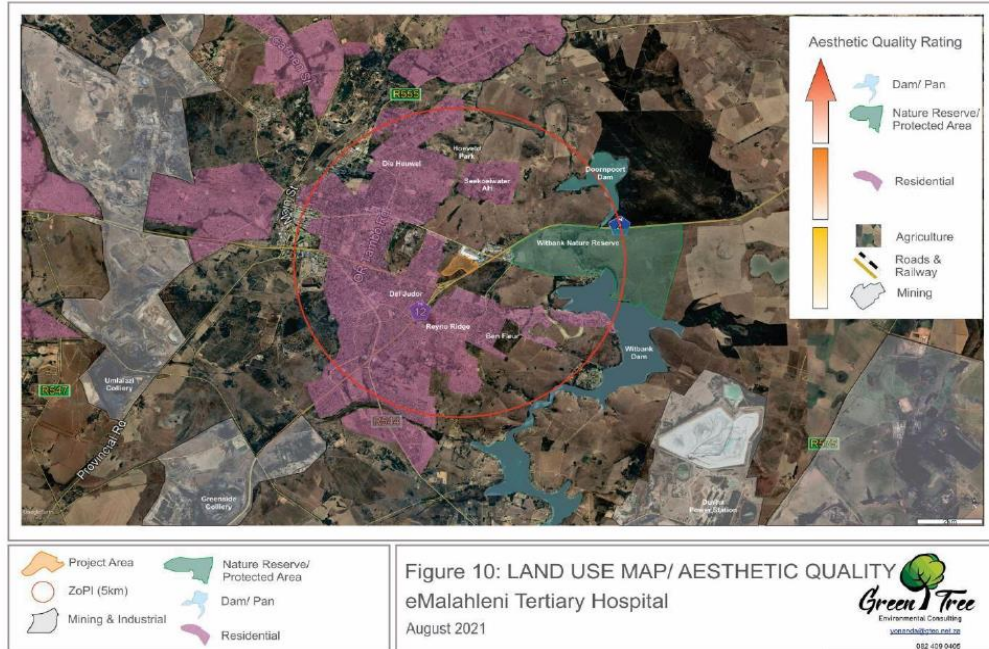


# LANDSCAPE CHARACTER



37

# LAND USE



38

## POTENTIAL VISUAL IMPACTS

### Potential Impacts

- The Project and its associated infrastructure will have a high impact on key residential areas such as the bordering neighbourhood.
- Changes in landscape.
- Alteration to the visual quality of the study area due to the physical presence and construction activities.

### How Impacts will be Managed

- Good housekeeping measures would result in a reduction in impacts that could cause a nuisance, such as dust, proper waste collection and a clean and neat site camp/office.

#### Planning and site development:

- Ensure, wherever possible, natural grassland vegetation is retained and incorporated into the site rehabilitation.

#### Earthworks

- Dust suppression techniques should be in place always during all phases of the project, where required.

## POTENTIAL VISUAL IMPACTS

### Potential Impacts

- Alteration to the visual quality of the study area due to the physical presence and construction activities.

### How Impacts will be Managed

#### Landscaping and ecological approach

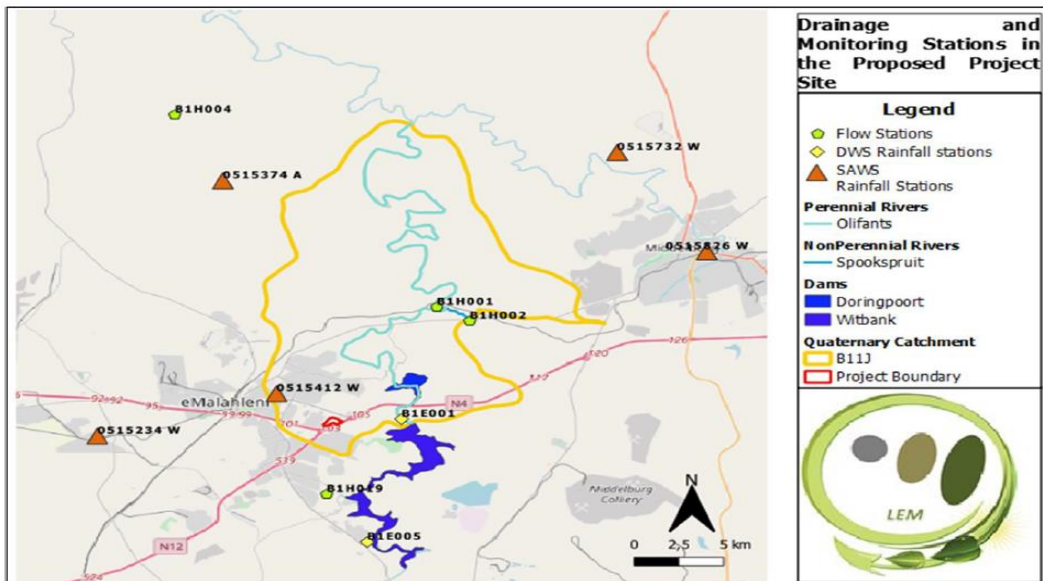
- Should new vegetation be introduced to the site, an ecological approach to rehabilitation and vegetative screening measures, as opposed to a horticultural approach to landscaping should be adopted.

## 39

## 42



## Drainage and Monitoring Stations



43

## Potential surface water impacts

### • Potential Impacts

- Siltation of streams / wetland areas / pan
- Contamination from hydrocarbons, sewer and medical waste spills
- Reduction in surface water quality

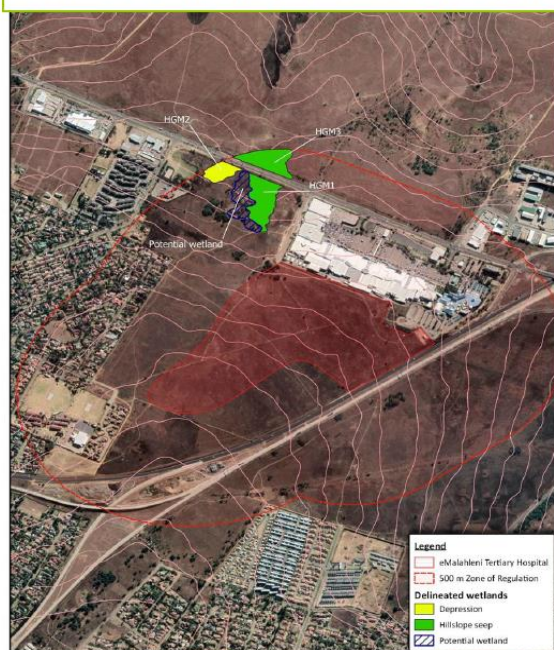
### • How Impacts will be managed

- Clean water to be directed to streams.
- Clean up spills immediately.
- Effective construction and maintenance of stormwater management and sewer reticulation system.
- Limit surface water run-off / erosion
- Rehabilitating of disturbed areas.

## WETLAND IMPACT ASSESSMENT

42

## WETLAND DELINEATION



Name	HGM Unit Type	Area Extent (Ha)
HGM 1	Hillslope seep	1.99
HGM 2	Depression	0.82
HGM 3	Hillslope seep	1.64
Total		4.45

Hydro-geomorphic (HGM) units identified within the 500 m zone of regulation

eMalahleni Tertiary Hospital

Delineated wetlands

Ecology International

111 New Africa  
Brookingsville  
1400

141 New Africa  
Brookingsville  
1400

141 New Africa  
Brookingsville  
1400

141 New Africa  
Brookingsville  
1400



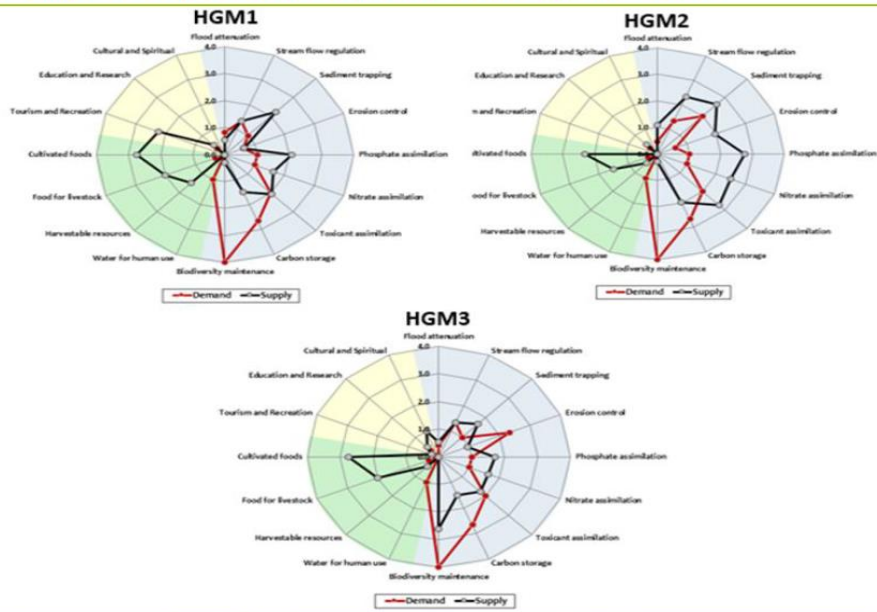
0.00 0.09 0.18 0.27 0.36 km

Date: March 2022

Coordinate System:  
Geographic: WGS84

46

## WETLAND ECOLOGICAL SERVICE PROVISION SPIDER GRAPHS FOR THE WETLANDS OBSERVED WITHIN THE 500 M ZONE



47



eMalahleni Tertiary Hospital  
Ecological Importance and Sensitivity

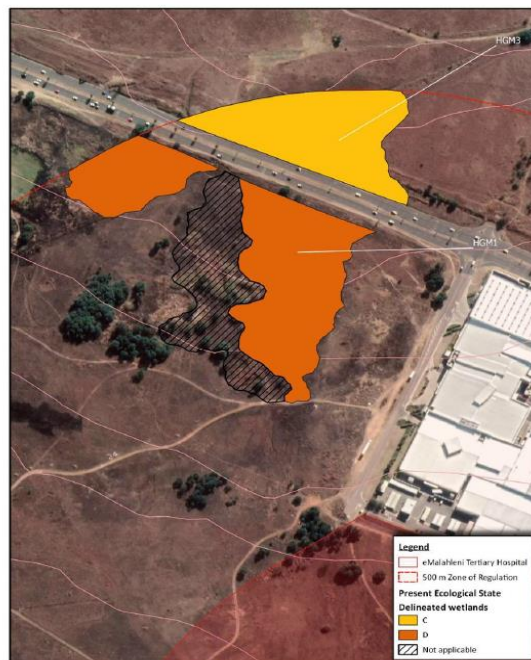
Ecology International  
Sustainability through Collaboration

0 0.02 0.04 0.06 0.08 km  
Date: March 2022

## WETLAND ASSESSMENT: ECOLOGICAL IMPORTANCE AND SENSITIVITY (EIS)

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## WETLAND ASSESSMENT: ECOLOGICAL IMPORTANCE STATUS (EIS)

eMalahleni Tertiary Hospital  
Present Ecological State

Ecology International  
P.O. Box 40200  
Midrand 2010  
Tel: 011 707 12 000  
Fax: 011 707 12 001  
Email: info@ecologyinternational.co.za  
Web: www.ecologyinternational.co.za

Scale: 0 0.02 0.04 0.06 0.08 km  
Date: March 2022  
Compiled By: [Name]  
Checked By: [Name]

49

## IMPACTS ON DELINEATED WETLAND AREAS

- Urban encroachment, residential housing and commercial properties.;
- Hardening of surfaces has resulted in a reduction in flood attenuation and the creation of sheet runoff;
- Presence of roads crossings, both tar (Mandela Street) and gravel, impacting the natural hydrological setting.
- Stormwater culverts were observed in HGM1 and HGM2 upgradient of the tar road crossing, and in HGM3 downgradient of the road crossing.
- Stormwater channels have resulted in the onset of erosion and the creation of preferential flow paths in HGM3, as well as resulted in altered water retention and distribution profiles.
- Extensive areas of erosion, affecting the natural water retention and distribution profiles of the adjacent wetland areas.
- Change to the natural vegetation structure.
- HGM1 appeared to be impacted by both soil disturbances and compaction, likely related to the construction and operation of the adjacent commercial development and road;
- Historical impacts related to excavation activities, likely a historical borrow pit or quarry, were observed adjacent to HGM1 and may have historically formed part of the HGM1 wetland area.
- Proliferation of invasive and/or alien species, as well as head cut erosion;
- Rubble and the remains of historical buildings were observed and have resulted in disturbances to the soil profiles present.
- Trenches affecting HGM2 and HGM3 were observed, resulting in loss of water retention and the lowering of the water table at these points.

50

## POTENTIAL WETLAND IMPACTS

### Potential Impacts

#### Construction phase:

- Site clearing prior to commencement of construction activities;
- Ground breaking, excavations of foundations, roads and other earthworks, as well as removal of excavated rock and soil;
- Construction of buildings, roads and associated infrastructure;
- Movement of heavy machinery and construction materials;
- Ancillary activities by construction personnel.

### How Impacts will be managed

- Washing and cleaning of equipment should not be undertaken in or adjacent to wetlands/watercourses.
- Operation and storage of machinery and construction-related equipment must be done outside of wetlands/watercourses wherever possible.
- Ensure that suitable overnight facilities are provided for vehicles, away from any wetland/watercourse areas.
- Provide drip-trays beneath standing machinery.
- Routinely check machinery for oil or fuel leaks each day before construction activities begin.
- No vehicles or machinery may be refuelled or serviced within or directly adjacent to any wetland/watercourse.

## POTENTIAL WETLAND IMPACTS

### Potential Impacts

#### Operational phase:

- Operation and maintenance of stormwater and sewage systems;
- Operation and maintenance of roads and other supporting infrastructure;
- Increased movement of vehicles;
- Influx of people.

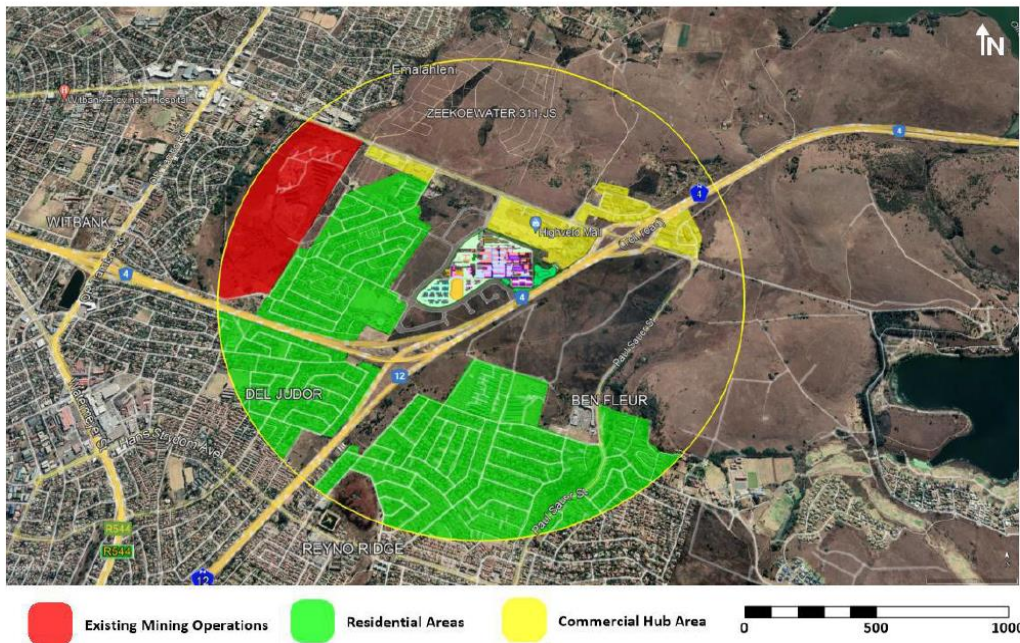
### How Impacts will be managed

- Regular inspections and maintenance of all stormwater and sewage infrastructure must be undertaken during the operational phase, with any leaks repaired immediately.
- Any damage/erosion caused by infrastructure failure must be repaired immediately following the event.
- Re-vegetation of disturbed areas left undeveloped must use indigenous plants including locally-common indigenous grasses, sedges and trees/shrubs.

## AIR QUALITY IMPACT ASSESSMENT

53

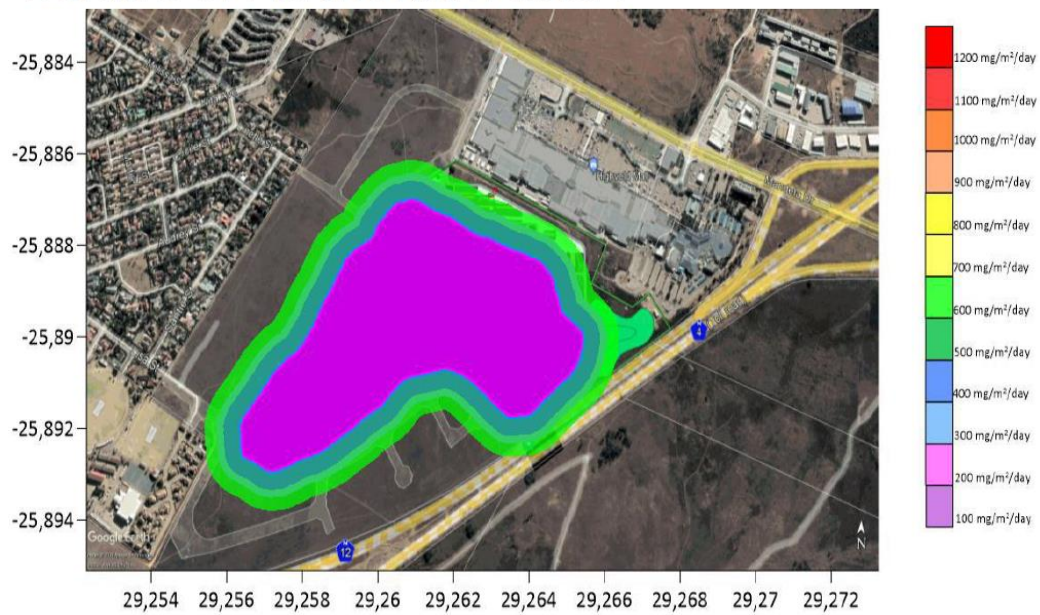
### ZONED AIR QUALITY SENSITIVE RECEPTORS AREAS



54



## PREDICTED DUST FALL-OUT CONCENTRATIONS DURING OPERATIONAL PHASE



55

## PREDICTED ANNUAL $\text{PM}_{10}$ CONCENTRATIONS DURING OPERATIONAL PHASE



56

## POTENTIAL AIR QUALITY IMPACTS

### Potential Impacts

#### CONSTRUCTION

- Dust generation due to movement of construction vehicles.
- Gas Emissions
  - Mobile construction equipment and vehicles.
  - Emissions from boiler

#### Vehicle Movement

- Exhaust emissions due to vehicle in and out of the hospital

### How Impacts will be Managed

- Site clearance is to be done only as needed in phases.
- All vehicles transporting sand need to have tarpaulins covering their loads which will assist in
- Any windblown sand occurring off the trucks.
- On windy days, stockpiles must be covered, or they must be wetted.
- Implement strict vehicle speed limits.

## CULTURAL, HERITAGE, ARCHAEOLOGICAL AND PALEONTOLOGICAL IMPACTS ASSESSMENT

58

## POTENTIAL CULTURAL, HERITAGE, ARCHAEOLOGICAL AND PALEONTOLOGICAL IMPACTS

- **Potential Impacts**

- Damage, destruction and loss of cultural, heritage and archaeological resources.
- Damage to paleontological sites.

- **How Impacts will be Managed**

- Graves located on-site to be dealt with according to the National Heritage Resources Act and other applicable legal requirements.
- ❖ Artefacts found at on site to be dealt with according to legal requirements.
- ❖ Area must be fenced in / no-go area where necessary.
- Remove tools and pottery found on sites accordingly.
- If any other artefacts or graves are found during construction activities, activity stops and an archaeologist must be contacted

## NOISE IMPACT ASSESSMENT

60



## BASELINE NOISE MONITORING STATIONS



61

## PROPOSED NOISE MONITORING STATIONS



62

## POTENTIAL NOISE IMPACTS

- **Potential Impacts**

- Topsoil Stripping, Haul road construction  
Increased noise levels.
- Construction of Hospital Infrastructure
- Hospital Operations increased noise levels.

- **How Impacts will be Managed**

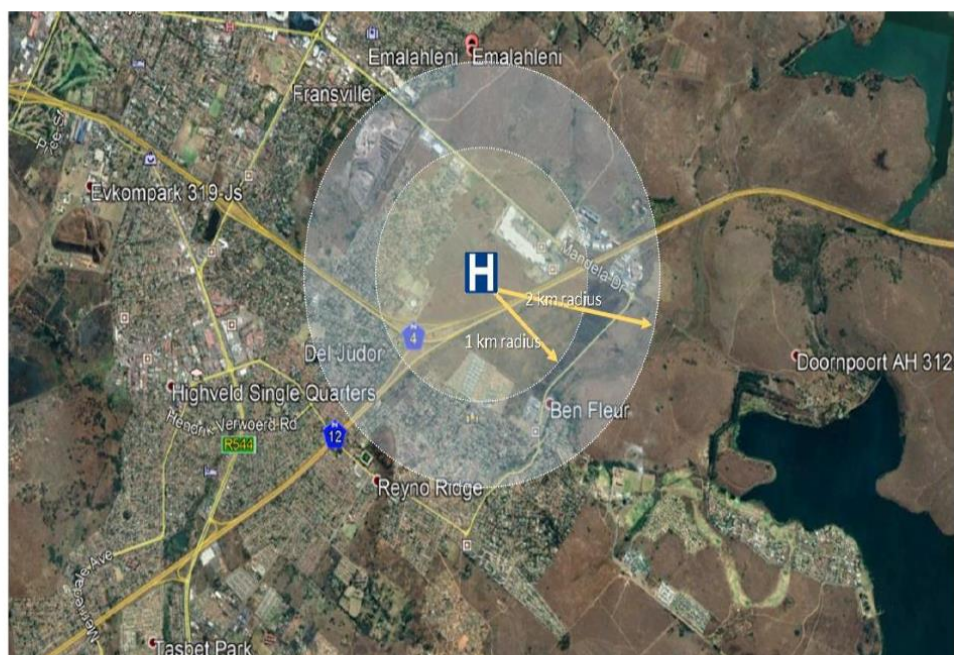
- Trucks, machinery, and equipment will be regularly serviced to ensure acceptable noise levels are not exceeded. Silencers will be utilised where possible.
- Ensuring that all equipment that has a high noise impact is placed inside buildings that have been designed to reduce noise emissions.
- Speed limit will be enforced on site in consultation with the Safety Officer.

## SOCIO-ECONOMIC IMPACT ASSESSMENT

64



## DOORSTEP COMMUNITIES



65

## POTENTIAL SOCIO-ECONOMIC IMPACTS

### • Potential Impacts

- Loss of grazing and farming land
- Impact on local services e.g., electricity
- Job seekers migrate to area
- Job creation (Construction and Operation)
- Job losses (Decommissioning)

### • How Impacts will be Managed

- Procurement / employment from surrounding communities where skills / services are available
- Recruitment to be done according to recruitment policy
- Provision for downscaling / retrenchment
- EMP must be implemented to address nuisance impacts

## COMMENTS RECEIVED FROM INTERESTED AND AFFECTED PARTIES

- Stormwater management.
- Sewer management and potential of spillages.
- Water supply is also not very reliable in this area.
- Energy conservation and management (Consideration for solar and LPG (On steam boilers)).
- Visual impact.
- Reduce the property value for properties close to the hospital.
- Fauna & Flora as well as the “fresh” air of nature, also there are a variety of plants and animals.
- Access Roads –Increase in traffic.
- Hawkers area for selling in the hospital and taxi parking areas.

## SUMMARY OF ACTIVITIES UNDERTAKEN TO DATE AND TO BE DONE

- NEMA Environmental Authorisation Application Form Submitted
- Draft and Final Scoping Report Completed
- Draft EIR, EMPr and GA was issued to I&APs for comments:
  - Conduct Public Meeting( Today)
- Final EIR submitted to DARDLEA.
- Final EIR will include
  - EMPr
  - Specialist Studies
  - Public Participation Process report and final Comments and Response Register including supporting documents.
- Final EIR, EMPr and GA will be submitted to the authorities for decision making

## THE NEMA AND WUL PROCESS - WAY FORWARD

- Incorporate comments and concerns from Interested and Affected Parties (I&AP's): Revise and finalise EIR, EMPr and GA .
- Notify I&APs on the availability of final EIR, EMPr and GA.
- Submit and the final EIR, EMPr and GA after addressing comments and issues for I&APs and await competent authorities decision.
- EA granted – Appeal period. Notify registered I&APs about the appeal process after granting of the EA (I&APs to appeal decision within 20 days).

## CONTACT DETAILS OF THE EAP

### **Licebo Environmental and Mining (Pty) Ltd**

Contact Person: Ralph Repinga  
Tel: 013 692 0212 / 083 257 8869  
Postal Address: PO Box 20519, Del Judor Extension 4, Witbank, 1044  
Fax: 086 667 1169  
Physical Address: 49 Centaury Avenue, Ben Fleur, Witbank, 1034  
E-mail: [ralph.repinga@licebo.co.za](mailto:ralph.repinga@licebo.co.za)  
Website: [www.licebo.co.za](http://www.licebo.co.za)  
Link: <https://www.licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2>

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## QUESTIONS AND ANSWERS

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## **MPUMALANGA DEPARTMENT OF PUBLIC WORKS, ROADS AND TRANSPORT**

### **NEW WITBANK (EMALAHLENI) TERTIARY HOSPITAL PROJECT DWS PRE-APPLICATION MEETING**

**Prepared by: Licebo Environmental and Mining (Pty) Ltd**

**16 May 2022**

## TABLE OF CONTENT

- Introduction and Project Team
- Purpose of the meeting
- Project description
- Project Overview
- Proposed services infrastructure
- Identified Water Use Activities
- WUL Application Process
- Undertaken specialist studies
- Way forward
- Contact Details of the EAP
- Questions and Answer

2



## INTRODUCTION AND PROJECT TEAM

- Environmental Assessment Practitioner: Licebo Environmental and Mining (Pty) Ltd
  - Ralph Repinga (Project Manager)
  - Lindokuhle Nsibande (Environmental Scientist)
  - Johny Mafego (Environmental Scientist)
  - Hlulani Phakula (Environmental Scientist)
- Applicant or DPWRT representatives
  - Phumudzo Sinugo (Environmental Officer: DPWRT)

3

## PURPOSE OF THE MEETING

- Provide project background and project specific information.
- Provide information regarding the proposed Water Use Licence Application (WULA) processes (General Authorisation).
- Discuss the way forward.

4



## PROJECT DESCRIPTION

- **Applicant :** Mpumalanga Department of Public Works, Roads and Transport (DPWRT)
- **Project name :** New Witbank (eMalahleni) Tertiary Hospital
- **Purpose of the project:** Application process for the EIA/EMP and WUL for the proposed New Witbank eMalahleni Tertiary Hospital.
- **Study Area:** Erf 1 Tswelopele Junction JS
- **EA Reference No.:** 1/3/1/16/1N-308
- **DWS Ref. No.:**

The Mpumalanga Province Department of Public Works, Roads and Transport (DPWRT) appointed by the Department of Health is intending to construct 400 beds (200 tertiary beds and 200 regional beds).

Tertiary Hospital and approximately 75 beds for the future proposed psychiatric ward on Erf 1 of Tswelopele Junction Township, located in Ward 34 of eMalahleni Local Municipality (ELM).

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## PROJECT DESCRIPTION

- This hospital is known as the New Witbank (eMalahleni) Tertiary Hospital. The proposed project will be constructed on 35 hectares of a portion of the Remainder of Erf 1 Tswelopele Junction.
- The powerlines running within Portion 415 and 416 of the Farm 311 JS.
- Activities to be undertaken will include construction of Medical Wards, Surgical Theatres, Radiology Department, Pathology Lab, Paediatrics Ward, Maternity Wards, Surgical Wards, Medical laboratory, High Care Wards, Emergency or Casualty Unit and Short Stay Ward, Stormwater Management System and Temporary Waste Storage Facilities.

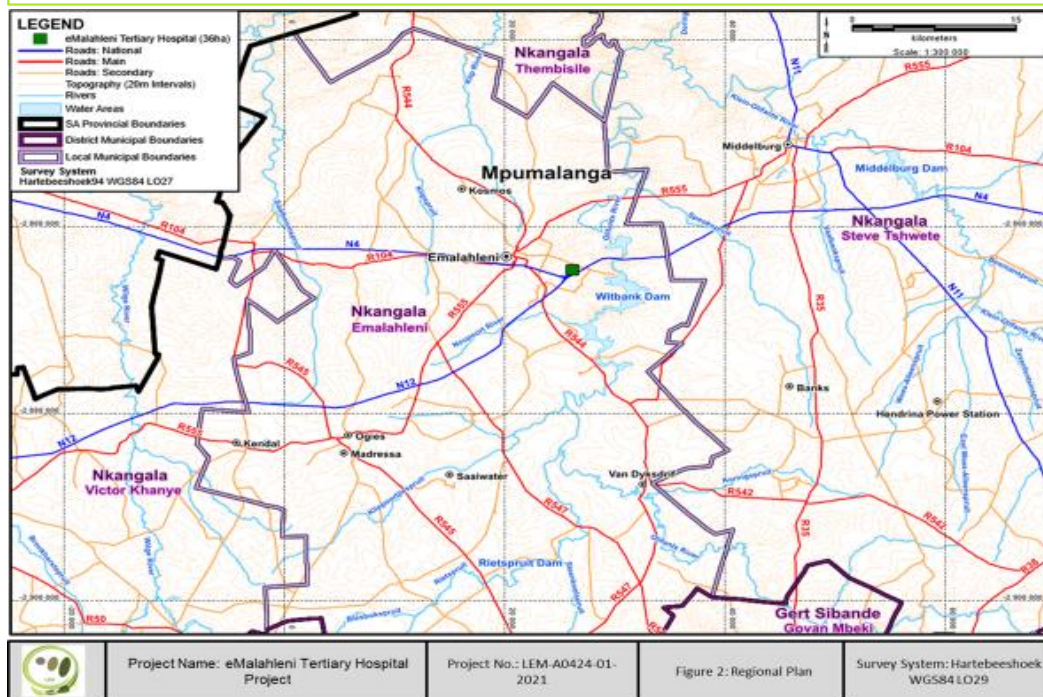
6

## PROJECT DESCRIPTION

- Supporting infrastructure to be constructed include:
  - Management Offices
  - Doctors' suites and medical personnel offices
  - Waste management storage yard
  - Steam and Boilers
  - Security guardhouse
  - Parking space
  - Sport facilities including soccer fields
  - Stormwater management infrastructure
  - Internal road infrastructure
  - Sewer reticulation (To connect to the existing municipal sewer reticulation system)

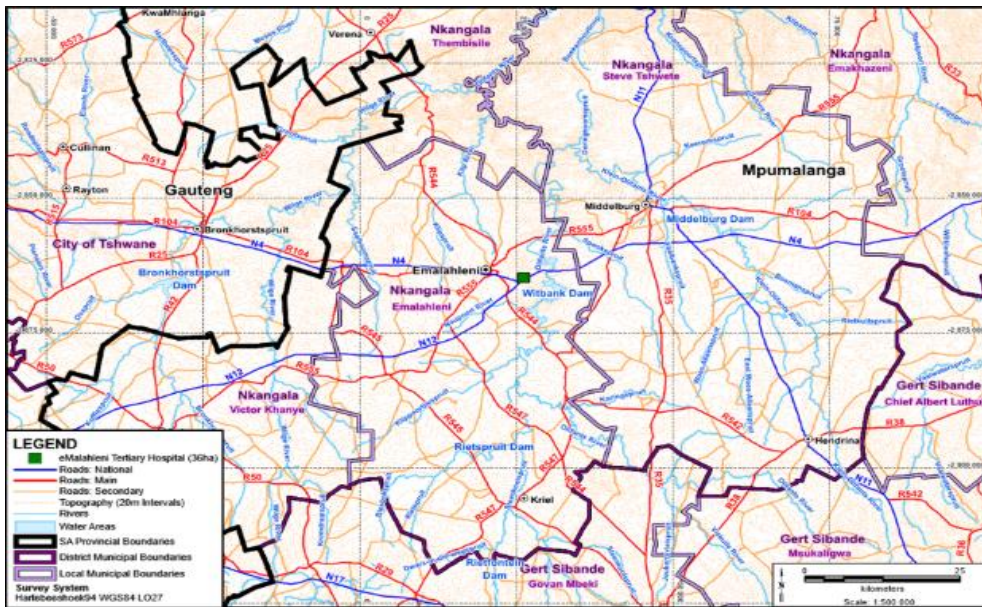
7

## REGIONAL PLAN



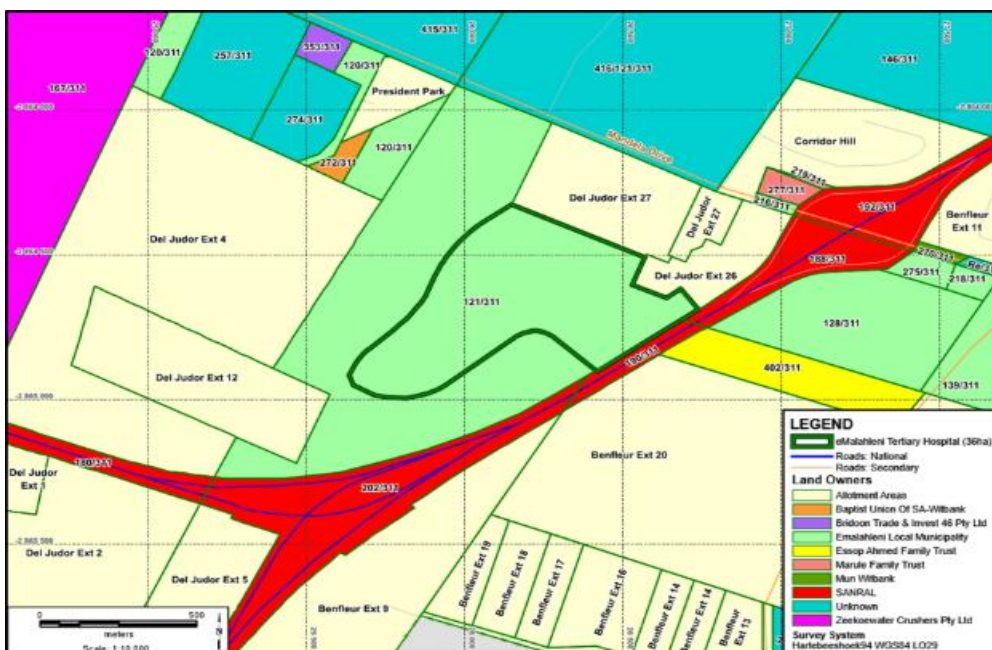
8

## REGIONAL PLAN



9

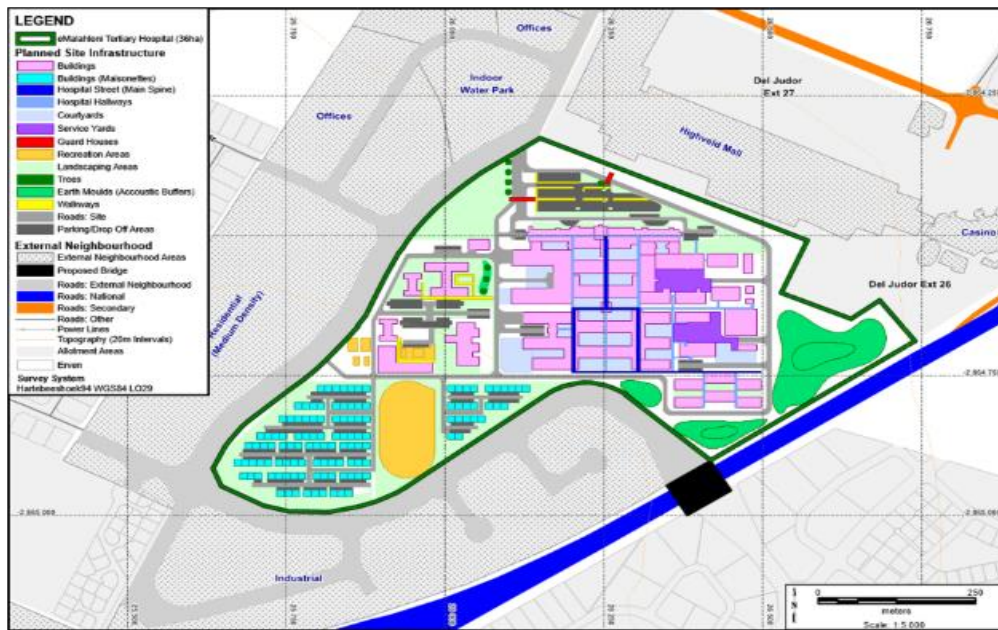
## AFFECTED FARM PORTIONS



10

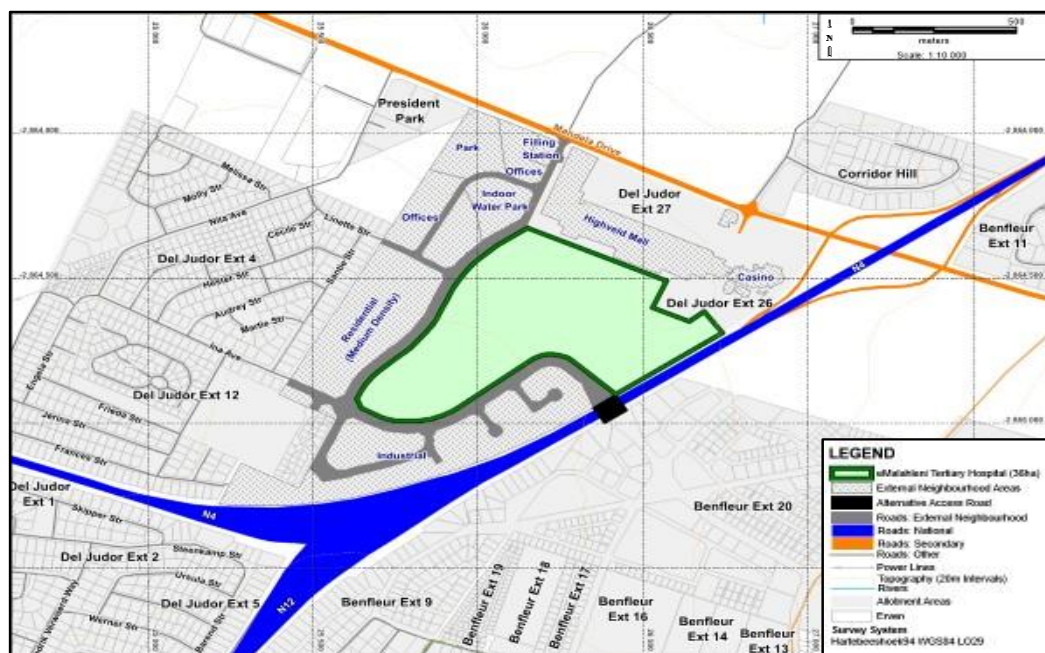


## INFRASTRUCTURE LAYOUT



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## SITE LAYOUT



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## PROPOSED SERVICES INFRASTRUCTURE

- Power supply will be obtained from the two nearby substations, namely Doornpoort substation and Modelpark substation
- ELM confirmed that power capacity is available in both substations
- Doornpoort substation will be used as the main supply power line and the Modelpark substation will be the back-up station
- Powerline to be constructed shall have a capacity to carry up to 9MVA to cater for future hospital expansion from 400 beds to 600 beds.

### Doornpoort Substation

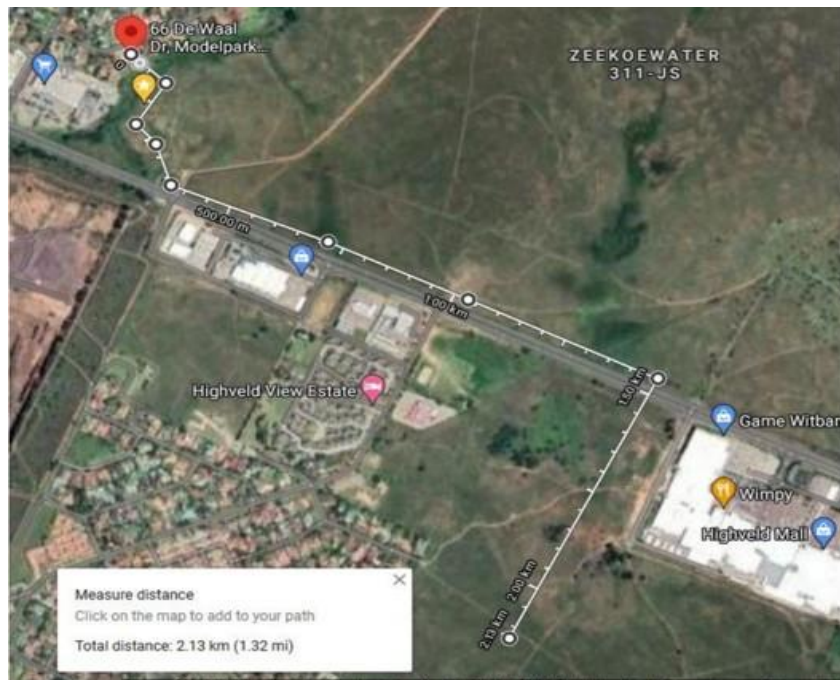
- The Doornpoort Substation located about 3.5km from the identified Hospital site will be the main supply, supplying 22kV of power to the Hospital.
- An overhead 22kV power line shall be constructed from Doornpoort substation to New Tertiary Hospital.

### Modelpark Substation

- The Modelpark Substation located about 2.13km from the identified Hospital site will be supply used as the backup supply supplying 22kV of power.
- An overhead 22kV power line shall be constructed from Modelpark substation to the Hospital.

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## PROPOSED SERVICES INFRASTRUCTURE

### Bulk Water

- Water will be obtained from an existing water pipeline running along the Nelson Mandela drive.
- The existing water pipeline have the sufficient capacity to ensure that the hospitals have water.

### Bulk Sewer

- Sewer pipeline will be extended from the existing sewer pipeline passing along Nelson Mandela drive as per the water line.
- Sewer pipeline will be connected to the Riverview Wastewater Treatment Works (RWWTW) which is approximately 8km north of the development which has the capacity of treating 11ML/Day.

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## PROPOSED SERVICES INFRASTRUCTURE

### Bulk Water

- Water will be obtained from an existing water pipeline running along the Nelson Mandela drive.
- The existing water pipeline have the sufficient capacity to ensure that the hospitals have water.



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## PROPOSED SERVICES INFRASTRUCTURE

### Bulk Sewer

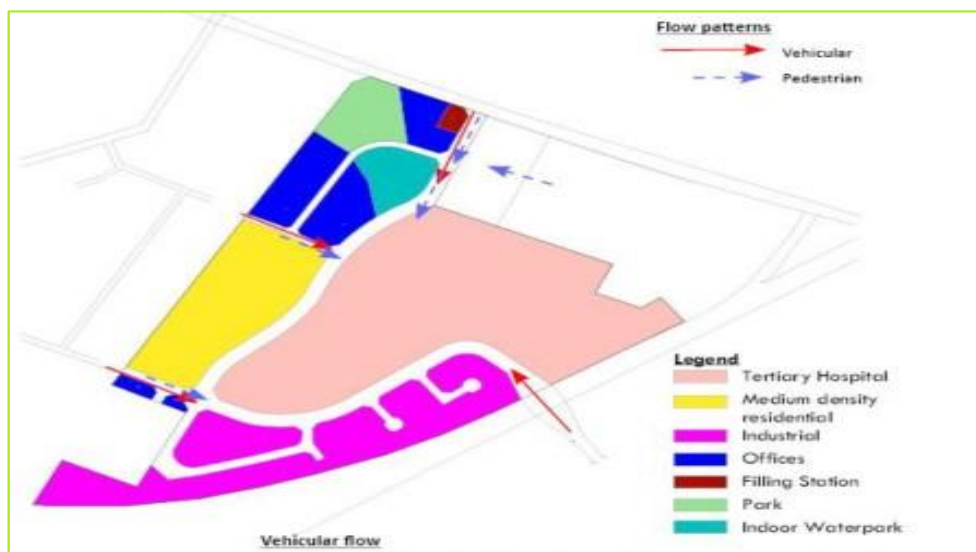
- Sewer pipeline will be extended from the existing sewer pipeline passing along Nelson Mandela drive.
- Sewer pipeline will be connected to the sewer reticulation draining to the Riverview Wastewater Treatment Plant (RWWTT) which is approximately 8km north of the development which has the capacity of treating 11ML/Day.

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## PROPOSED SERVICES INFRASTRUCTURE

### Access roads



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## NEMA ENVIRONMENTAL LISTED ACTIVITIES

Activity No(s):	Provide the relevant Basic Assessment Activity(ies) as set out in Listing Notice 1 of the EIA Regulations, 2014 as amended	Describe the portion of the proposed project to which the applicable listed activity relates.
Activity 9	The development of infrastructure exceeding 1000 metres in length for the bulk transportation of water or storm water-  (i) with an internal diameter of 0,36 metres or more; or (ii) with a peak throughput of 120 litres per second or more.	Activities associated with the construction of clean water reticulation and stormwater management infrastructure.
Activity 10	The development and related operation of infrastructure exceeding 1000 metres in length for the bulk transportation of sewage, effluent, process water, wastewater, return water, industrial discharge or slimes  (i) with an internal diameter of 0,36 metres or more; or (ii) with a peak throughput of 120 litres per second or more.	Activities associated with bulk transportation of sewer water reticulation infrastructure.
Activity 14	The development of facilities or infrastructure, for the storage, or for the storage and handling, of a dangerous good, where such storage occurs in containers with a combined capacity of 80 cubic metres or more but not exceeding 500 cubic metres.	Activities associated with the storage and handling of dangerous goods including petrol, diesel, gases and lubricants at the hospital garage or refuelling station.
Activity 19	The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from-  (i) a watercourse.	Activities associated with the construction of the hospital within wetland that might be occurring within the study area subject to confirmation based on the wetland impact assessment and delineation study.

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## IDENTIFIED WATER USE ACTIVITIES

Types of water use	Activity Description
Section 21 (c) and (i)	New Witbank eMalahleni Tertiary Hospital and associated infrastructure.
Impeding or diverting the flow of water in a water course and altering the bed, banks, course or characteristics of a watercourse	Power line route from the sub-stations (Doornpoort and Moddelpark )

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## WATER USE APPLICATION PROCESS

Phase	Description	Responsible person	Time frames
1. Pre-application process	Engagement between the applicant and DWS to determine type of authorisation, conduct site inspection and information requirements.	Applicant	No count
	Applicant submits the application, technical report supporting the application is identified. Applicant compile technical report and submit to the Department		
2. Screening of technical report	The technical reporting supporting the application is screened, resulting in its acceptance or rejected. If rejected the application is closed.	Department	90 days
3. Assessment and decision	The application and technical report are evaluated, leading to recommendations and decision.		

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## UNDERTAKEN SPECIALIST STUDIES

### Purpose:

- Understanding of the baseline environment
- Identify potential to investigate
- Quantify and contextualise the physical and social environmental impacts and
- Develop and propose mitigation and management measures

### Undertaken specialist studies:

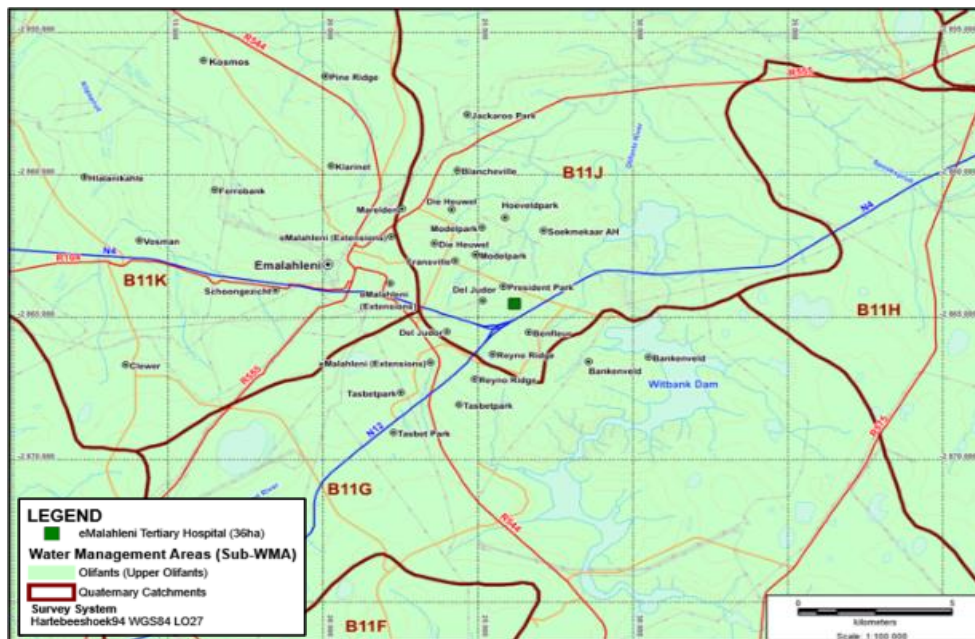
- Ecological Impact Assessment (Fauna and Flora);
- Solid Waste and Effluent Management
- Soil, Land Use, Land Capability and Land Utilisation;
- Heritage Impact Assessment;
- Palaeontological Impact Assessment
- Visual Impact Assessment;
- Noise Impact Assessment;
- Air Quality Impact Assessment;
- Wetland Impact Assessment;
- Surface Water Impact Assessment;
- Geotechnical Impact Assessment;
- Socio-Economic Impact Assessment; and
- Traffic Impact Assessment.

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## SURFACE WATER IMPACT ASSESSMENT

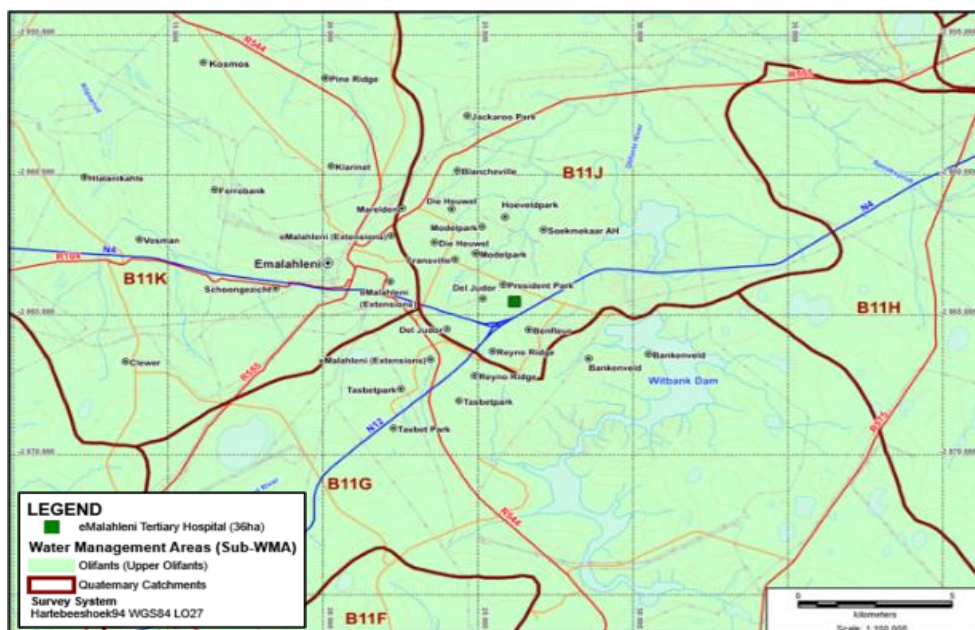
27

## Water Management Areas



1

## Water Management Areas



1

## 30

## 31



	HGM1	HGM2
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# WETLAND ASSESSMENT: ECOLOGICAL IMPORTANCE AND SENSITIVITY (EIS)

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## THE NEMA AND WUL PROCESS - WAY FORWARD

- Incorporate comments and concerns from Interested and Affected Parties (I&AP's): Revise and finalise EIR, EMPr and GA .
- Notify I&APs on the availability of final EIR, EMPr and GA.
- Submit and the final EIR, EMPr and GA after addressing comments and issues for I&APs and await competent authorities decision.
- EA granted – Appeal period. Notify registered I&APs about the appeal process after granting of the EA (I&APs to appeal decision within 20 days).

## CONTACT DETAILS OF THE EAP

### **Licebo Environmental and Mining (Pty) Ltd**

Contact Person: Ralph Repinga  
Tel: 013 692 0212 / 083 257 8869  
Postal Address: PO Box 20519, Del Judor Extension 4,  
Witbank, 1044  
Fax: 086 667 1169  
Physical Address: 49 Centaury Avenue, Ben Fleur,  
Witbank, 1034  
E-mail: [ralph.repinga@licebo.co.za](mailto:ralph.repinga@licebo.co.za)  
Website: [www.licebo.co.za](http://www.licebo.co.za)  
Link: <https://www.licebo.co.za/projects/public-review-documents/emalahleni-tertiary-hospital-ea-2>

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## **QUESTIONS AND ANSWERS**

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## LEM-A0424-01-2021 PRE-APPLICATION MEETING MINUTES DARDLEA\_WITH DINEO

Our Reference No.: LEM-A0424-01-2021 eMalahleni Tertiary Hospital EIA/EMPr/GA

### EMALAHLENI TERTIARY HOSPITAL ENVIRONMENTAL AUTHORISATION PROJECT

<b>Client:</b> Department of Public Works, Road and Transport	<b>Project Reference:</b>
<b>Project:</b> Pre-application meeting with the Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs (DARDLEA)	<b>LEM -A0424-01-2021</b>

<b>Venue:</b> DARDLEA Offices	<b>Date:</b> 04 November 2021
<b>Subject:</b> Pre-application meeting	<b>Time:</b> 09:30-10:30

No.	NAME & SURNAME	REPRESENTING
01	Ralph Repinga	Licebo Environmental and Mining (Pty) Ltd- (LEM)
02	Bongani Motha	Licebo Environmental and Mining (Pty) Ltd (LEM)
03	Dineo Tswai	DARDLEA

### MEETING DETAILS

Item	Comment	Action	Action taken by
1.	<b>Purpose of the meeting</b>		
1.1	Ralph Repinga highlighted the purpose of the meeting which is to introduce the propose eMalahleni Tertiary Hospital project by the Mpumalanga Department of Public Works, Roads and Transport (DPWRT). He indicated that the DPWRT on behalf of the Department of Health is intending to construct a Tertiary Hospital in eMalahleni Local Municipality.  The Hospital will be constructed on the Remaining Extent of Portion 121 of the Farm Zeekoewater 311 JS. The proposed farm portion is situated behind the Highveld Mall and Del Judor. Activities to be undertaken will include construction of Medical Wards, Surgical Theatres, Radiology Department, Pathology Lab,	No Action Required	No Action Taken

Item	Comment	Action	Action taken by
	Paediatrics Ward, Maternity Wards, Surgical Wards, Medical laboratory, High Care Wards, Emergency or Casualty Unit and Short Stay Ward, Stormwater Management System and Temporary Waste Storage Facilities.		
<b>2.</b>	<b>Discussion</b>		
2.1	Dineo Tswai indicated that the activities on the pre-application are relevant to what the DPWRT is applying for, she indicated that one activity might not be relevant however suggested that we leave the activity, and the Head offices will advise.	No Action Required	
2.2	DT indicated that the EAP will need to confirm if there will be no AEL and WML that will be required for the furnace / boiler and waste management facilities planned for this project.	RR indicated that Joe Mabuza who deals with WML will be consulted and the Nkangala District Municipality will be consulted for AEL.	
<b>3</b>	<b>Closure of Meeting</b>		
3.1	The meeting ended at 11am		

	<p><b><u>APPROVAL OF MINUTES</u></b></p> <p><b>Licebo Environmental and Mining (Pty) Ltd.....</b></p> <p><b>Date.....</b></p> <p><b>DARDLEA .....</b></p> <p><b>Date.....</b></p>	
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## LEM-A0424-01-2021 PRE-APPLICATION MEETING MINUTES DARDLEA\_WITH JOE

Our Reference No.: LEM-A0424-01-2021 eMalahleni Tertiary Hospital EIA/EMPr/GA

### EMALAHLENI TERTIARY HOSPITAL ENVIRONMENTAL AUTHORISATION PROJECT

<b>Client:</b> Department of Public Works, Road and Transport <b>Project:</b> Pre-application meeting with the Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs (DARDLEA)	<b>Project Reference:</b> LEM -A0424-01-2021
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<b>Venue:</b> DARDLEA Offices <b>Subject:</b> Pre-application meeting	<b>Date:</b> 04 November 2021 <b>Time:</b> 09:30-10:30
--	---

No.	NAME & SURNAME	REPRESENTING
01	Ralph Repinga	Licebo Environmental and Mining (Pty) Ltd- (LEM)
02	Bongani Motha	Licebo Environmental and Mining (Pty) Ltd (LEM)
03	Joe Mabuza	DARDLEA

### MEETING DETAILS

Item	Comment	Action	Action taken by
1.	<b>Purpose of the meeting</b>		
1.1	Ralph Repinga highlighted the purpose of the meeting which is to introduce the propose eMalahleni Tertiary Hospital project by the Mpumalanga Department of Public Works, Roads and Transport (DPWRT). He indicated that the DPWRT on behalf of the Department of Health is intending to construct a Tertiary Hospital in eMalahleni Local Municipality.  The Hospital will be constructed on the Remaining Extent of Portion 121 of the Farm Zeekoewater 311 JS. The proposed farm portion is situated behind the Highveld Mall and Del Judor. Activities to be undertaken will	No Action Required	No Action Taken

Item	Comment	Action	Action taken by
	include construction of Medical Wards, Surgical Theatres, Radiology Department, Pathology Lab, Paediatrics Ward, Maternity Wards, Surgical Wards, Medical laboratory, High Care Wards, Emergency or Casualty Unit and Short Stay Ward, Stormwater Management System and Temporary Waste Storage Facilities.		
<b>2.</b>	<b>Discussion</b>		
2.1	Joe Mabuza indicated that as long as volume of the waste yard do not trigger the 80 cubic meter threshold, there is no need to apply for WML. He indicated that waste management mitigation measures need to be in place to ensure that the waste generated from the hospital is properly managed.	No Action Required	
<b>3</b>	<b>Closure of Meeting</b>		
3.1	The meeting ended at 11am		

<b><u>APPROVAL OF MINUTES</u></b>	
<p><b>Licebo Environmental and Mining (Pty) Ltd.....</b></p> <p><b>Date.....</b></p> <p><b>DARDLEA .....</b></p> <p><b>Date.....</b></p>	



**DEPARTMENT OF WATER AND SANITATION (DWS) WATER USE LICENCE**  
**APPLICATION (WULA) PRE-APPLICATION FOR THE PROPOSED NEW WITBANK**  
**(EMALAHLENI) TERTIARY HOSPITAL**

<b>Client:</b> Department of Public Works, Roads and Transport – eMalahleni Tertiary Hospital  <b>Project:</b> Pre-Application for the proposed New Witbank (eMalahleni) Tertiary Hospital WULA (General Authorisation).	<b>Project Reference:</b> LEM-A0424-01-2021 New Witbank (eMalahleni) Tertiary Hospital EA and WULA
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<b>Venue:</b> Microsoft Office Teams (Virtual Meeting)  <b>Purpose of the meeting:</b> Pre-application meeting	<b>Date:</b> 16 May 2022  <b>Time:</b> 10h00 to 11h00
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Item No.	NAME & SURNAME	REPRESENTING	Tel/CELL	E-Mail
01	Sbonelo Ndlovu	Department of Water and Sanitation (DWS)		
02	Adivhaho Rambuda	Department of Water and Sanitation (DWS)		
03	Ralph Repinga	Licebo Environmental & Mining (Pty) Ltd		
04	Lindokuhle Nsibande	Licebo Environmental & Mining (Pty) Ltd		
05	Hlulani Phakula	Licebo Environmental & Mining (Pty) Ltd		
06	Johny Mafego	Licebo Environmental & Mining (Pty) Ltd		

**MEETING DETAILS**

Item No.	Discussion by	Comment / Issues	Action taken by	By When
<b>1.</b>	<b>INTRODUCTION &amp; OVERVIEW</b>			
1.1	Sbonelo Ndlovu (SN)	Sbonelo Ndlovu (DWS Environmental Officer). Thanked the attendees for attending the meeting. He also gave introductory note by introducing his colleague and he further ask that Ralph Repinga (The appointed Environmental Assessment Practitioner EAP) for Environmental and Mining (Pty) Ltd (Hereafter referred as 'Licebo') to give a brief presentation on the Proposed New Witbank (eMalahleni) Tertiary Hospital anticipated Water Use License Application (WULA) process (General Authorisation)	No Action Required	
<b>2.</b>	<b>PROJECT BACKGROUND INFORMATION</b>			
2.1	Ralph Repinga (RR)	<p>RR Introduced his team and gave a brief background about the proposed project and stated that Licebo has been appointed by the Mpumalanga Department of Public Works, Road and Transport (DPWRT) on behalf of the Department of Health (DoH) to construct New Witbank (eMalahleni) Tertiary Hospital that will consist of 400 beds (200 tertiary beds and 200 regional beds).</p> <p>The project will be undertaken on 35 hectares of the Erf 1 Tswelopelo Junction JS, situated behind the Highveld Mall, within eMalahleni Local</p>	No Action Required	

Item No.	Discussion by	Comment / Issues	Action taken by	By When
		Municipality (ELM), Nkangala District Municipality (NDM).		
<b>3.</b>	<b>PRESENTATION</b>			
3.1	Ralph Repinga (RR)	<p>RR stated the purpose of the meeting which was to provide information regarding proposed Water Use Licence Application (WULA) processes (Specific to follow the General Authorisation) and further give an update on the project progress to date. Additional details covered as part of the presentation.</p> <p>RR indicated that the proposed project is undertaken in line with National Environmental Management Act, Act 107 of 2014 as amended and in accordance to Government Notice Regulation (GN R) 982 as amended by GN R 326 and relevant listing notices (GN R 983 and 984 as amended by GN R 327 and 325) and also in in terms of the National Water Act, Act 36 of 1998 as amended.</p> <p>The relevant water use activities that have been identified as part of this application includes activities that will be constructed within 500m of water courses. That is, Section 21 (c) and (i) will be applied in terms of GN R 509. These involves the activities associated with the hospital infrastructure and the power line routes.</p>	No Action Required	

Item No.	Discussion by	Comment / Issues	Action taken by	By When
		<p>He further indicated that the DPWRT is intending to construct a 400 beds (200 tertiary beds and 200 regional beds) Tertiary Hospital and approximately 70 beds for the future proposed psychiatric ward on Erf 1 of Tswelopele Junction Township, located in Ward 34. The condition of the wetland has been negatively impacted due to the interruption of the waterflow by Eucalyptus sp., infrastructure, agro-pastoral activities etc. The current land uses of the area, including cultivation, infrastructure (roads, fence lines and powerlines) and large stands of Eucalyptus sp. encourages surface runoff and reduces water retention within the HGM unit. Cultivated fields south west of the seep impacts the waterflow into the wetland and increases the risk of sedimentation and loss of natural vegetation and habitat. ELM.</p> <p>This hospital is known as the New Witbank (eMalahleni) Tertiary Hospital. The proposed project will be constructed on 35 hectares on Erf 1 of Tswelopelo Junction.</p> <p>Activities to be undertaken will include construction of Medical Wards, Surgical Theatres, Radiology Department, Pathology Lab, Pediatrics Ward, Maternity Wards,</p>		

Item No.	Discussion by	Comment / Issues	Action taken by	By When
		<p>Surgical Wards, Medical laboratory, High Care Wards, Emergency or Casualty Unit and Short Stay Ward, Stormwater Management System and Temporary Waste Storage Facilities. Supporting infrastructure to be constructed include:</p> <ul style="list-style-type: none"> <li>• Management Offices</li> <li>• Doctors' suites and medical personnel offices</li> <li>• Waste management storage yard</li> <li>• Steam Boiler</li> <li>• Incinerator</li> <li>• Security guardhouse</li> <li>• Parking space</li> <li>• Sport facilities including soccer fields</li> <li>• Stormwater management infrastructure</li> <li>• Internal road infrastructure</li> <li>• Pump station for sewer reticulation (To connect to the existing municipal sewer reticulation system)</li> </ul> <p>The power supply for the hospital will be from the Doornpoort substation, an overhead 22kV power line will be constructed from Doornpoort substation to New Witbank (eMalahleni) Tertiary Hospital. The Modelpark substation will be used as a backup supply power, an overhead</p>		

Item No.	Discussion by	Comment / Issues	Action taken by	By When
		<p>22kV power line shall be constructed from Modelpark substation to New Witbank (eMalahleni) Tertiary Hospital.</p> <p>Water will be obtained from an existing water pipeline running along the Nelson Mandela drive. The existing water pipeline have the sufficient capacity to ensure that the hospitals have water. Sewer pipeline will be extended from the existing sewer pipeline passing along Nelson Mandela drive as per the water line. Sewer pipeline will be connected to the Riverview Wastewater Treatment Works (RWWTW) which is approximately 8km north of the development which has the capacity of treating 11ML/Day.</p> <p>RR noted that the project is currently at the stage of Public Participation Process (PPP) in respect to the Draft Environmental Impact Report Phase (DEIR), Environmental Management report (EMPr) and GA. The DEIR, EMPr and GA were made available for public review from the 19<sup>th</sup> of April 2022 to the DARDLEA and issued for 30 days public review from the 19<sup>th</sup> of April 2022 to 23<sup>rd</sup> of May 2022 and the GA which is issued 60 days public review.</p> <p>Registered IA&amp;Ps were informed of the availability of the DEIR, EMPr and</p>		



Item No.	Discussion by	Comment / Issues	Action taken by	By When
		GA for review. Comments received during the public participation phase will be recorded in the Comments and Response Report.		
4.	<b>DISCUSSIONS, QUESTIONS AND ANSWERS SESSION</b>			
	Sbonelo Ndlovu (SN)	<p><b><u>Question:</u></b></p> <p>Have you done a Risk Matrix/ Risk Assessment of the project and what was the Risk Class?</p> <p><b><u>Response:</u></b></p> <p>Yes, a Wetland Assessment that contains the Risk Assessment/Risk Matrix was conducted and the Risk Class was found to be Low.</p>		
	Ralph Repinga (RR)			
	Sbonelo Ndlovu (SN)	<p><b><u>Comment:</u></b></p> <p>SN: Apologized that the Instream Water Specialist could not join the meeting due to other commitments.</p> <p>SN requested that RR must submit the copy of the Wetland Impact Assessment and the Risk Matrix so that he may submit it to the Instream Water Specialist (DWS Environmental and Recreation Directorate) to review and confirm whether the GA application route is applicable.</p>	RR	16 May 2022
	Sbonelo Ndlovu (SN)	<p><b><u>Question:</u></b></p> <p>SN: Since it was clearly stated that your source of water for the bulk infrastructure will be from the existing pipeline that belong to the</p>		

Item No.	Discussion by	Comment / Issues	Action taken by	By When
	<p>Adivhaho Rambuda (AR)</p> <p>Ralph Repinga (RR)</p>	<p>municipality. I would like to see a confirmation letter from the municipality stating that indeed they will be supplying you with water and sewer services.</p> <p>AR requested that this confirmation letter to also reflect that this water will also be available for use as part of the construction to prevent any water being illegal abstracted from the streams and/or boreholes which will not have been authorised as part of this project.</p> <p><b><u>Response:</u></b></p> <p>RR: We do have the confirmation letter and will send it together with the Wetland Impact Assessment report and the Risk Matrix.</p> <p>RR to request the ELM to amend the confirmation letter to include a statement that the water will also be available for use as part of the construction phase of the project. The confirmation letter to be included as part of the GA application supporting documents.</p>	<p>RR</p> <p>RR</p>	<p>16 May 2022</p> <p>20 June 2022</p>
	Sbonelo Ndlovu (SN)	<p><b><u>Question:</u></b></p> <p>Will there be any additional water sources you will be sourcing from such as groundwater or abstract from a river or stream? Are you also planning</p>		

Item No.	Discussion by	Comment / Issues	Action taken by	By When
	Ralph Repinga (RR)	<p>to get water from the municipality for the construction phase of the project?</p> <p><b><u>Response:</u></b></p> <p>RR: Indicated that there will be no other sources of water, but only from the available municipality water supply source as indicated above.</p>		
	<p>Sbonelo Ndlovu (SN)</p> <p>Ralph Repinga (RR)</p>	<p><b><u>Question:</u></b></p> <p>The zoning application has the portion of the land been rezoned for institutional development which I believe you might have sent an application to the local authorities?</p> <p><b><u>Response:</u></b></p> <p>RR: For this project we have different specialists appointed the by the DPWRT and there is Town Planners that are responsible for the zoning application, so they have already done the necessary applications.</p> <p>The proposed area was initially known as Portion 121 of Zeekoewater 311 JS and it has now been registered and proclaimed as Tswelopelo Junction Township in December 2021. The zoning of the site has also been applied for at the municipality.</p> <p>It should be indicated that all due processes regarding the land use of the site will be adhered to prior to</p>		

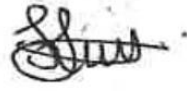

Item No.	Discussion by	Comment / Issues	Action taken by	By When
		commencement of the hospital construction activities.		
	Adivhaho Rambuda (AR)	<p><b><u>Comment:</u></b></p> <p>AR: She emphasized that's their decision will be based on the risk matrix from the Wetland Impact Assessment report if the application will be a GA or a full water use license and to ensure that everything as required by NWA has been covered.</p> <p>DWS will review the information and give feedback to Licebo.</p>	SN	10 June 2022
	<p>Sbonelo Ndlovu (SN)</p> <p>Ralph Repinga (RR)</p>	<p><b><u>Question:</u></b></p> <p>SN: Has the public participation been already conducted, or it is still going to be conducted.</p> <p><b><u>Response:</u></b></p> <p>RR: Indicated that as stated above, we are currently busy with the PPP including the draft GA process.</p>	RR	<u>Supporting documents to be submitted as part of the submission of the GA.</u>
	Sbonelo Ndlovu (SN)	<p><b><u>Comment:</u></b></p> <p>SN: I believe that the wetland report will guide us on the nature of the scientific studies that needs to be submitted because there is not much that is required in terms of scientific studies to be submitted when you're going with the GA process.</p>		



Item No.	Discussion by	Comment / Issues	Action taken by	By When
	Ralph Repinga (RR)	<p>want to ensure that whatever will be happening on the project on site the DPWRT will be aware since the authorisation will be in their name. Once the GA has been issued, the DPWRT will need to ensure that the project complies.</p> <p><b><u>Response:</u></b></p> <p>RR: The application for this project undertaken by DPWRT so only bulk services including potable water and sewer will be supplied by the municipality. To ensure compliance on site there will be an Environmental Control Officer who will be appointed to monitor compliance against the Environmental Authorisation as well as the GA so to ensure that there are no other water sources other than the one that we're committed.</p>	DPWRT (Appointment of ECO)	Prior to start of construction activities
	Sbonelo Ndlovu (SN)	SN: As soon as we receive the Wetland Impact Assessment report, we will go through it with the Instream Water Specialist and finalise whether the application will be GA or a full Water Use License and we will revert with the final decision.	SN	10 June 2022
<b>5.</b>	<b>CLOSURE OF MEETING</b>			
<b>5.1</b>	<p>Sbonelo Ndlovu (SN): Thanked all the attendee and indicated that their contribution is highly appreciated.</p> <p>The meeting was adjourned at 11:00</p>			



**APPROVAL OF MINUTES****Licebo Environmental and Mining (Pty) Ltd.....**

<b>Name and Surname</b>	<b>Responsibility</b>	<b>Date</b>	<b>Signature</b>
Lindokuhle Nsibande (LN)	Compiler	23 May 2022	
Ralph Repinga (RR)	Reviewer	25 May 2022	

**RESPONSE TO COMMENTS RECEIVED FROM MR. JC VISSER ON THE 07<sup>TH</sup> OF DECEMBER 2021 IN RESPECT TO AN ENVIRONMENTAL AUTHORISATION (EA) LODGED BY MDPWRT**

Our Ref No.: LEM-A0424-01-2020 eMalahleni Tertiary Hospital EA and WULA Application

EA REFERENCE NO.: 1/3/1/16/1N-308

**02 February 2022**

Attention: Mr. JC Visser

Dear: Mr. JC Visser

**RESPONSE TO COMMENTS RECEIVED FROM MR. JC VISSER ON THE 07<sup>TH</sup> OF DECEMBER 2021 IN RESPECT TO AN ENVIRONMENTAL AUTHORISATION APPLICATION (EA) LODGED BY MPUMALANGA DEPARTMENT OF PUBLIC WORKS, ROADS AND TRANSPORT (DPWRT) IN TERMS OF SECTION 24 OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, ACT 107 OF 1998 AS AMENDED IN RESPECT TO THE PROPOSED NEW WITBANK TERTIARY HOSPITAL (PREVIOUSLY INDICATED AS EMALAHLENI TERTIARY HOSPITAL) ON THE REMAINING EXTENT OF PORTION 121 OF THE FARM ZEEKOEWEATER 311 JS.**

Licebo Environmental and Mining (Pty) Ltd (Hereafter refereed as 'LEM') has been appointed as an independent Environmental Assessment Practitioner (EAP) by the Mpumalanga Department of Public Works, Roads and Transport (DPWRT) to undertake the environmental regulatory approval processes in terms of the National Environmental Management Act, Act 107 of 1998 as amended ('NEMA') and Water Use Licence Application in terms of the National Water Act, Act 36 of 1998 ('NWA') associated with the proposed construction of the New Witbank Tertiary Hospital (Initially referred as eMalahleni Tertiary Hospital) in Mpumalanga Province.

LEM hereby acknowledge receiving your comments on the 07<sup>th</sup> of December 2021. This response letter serves to address the comments raised via email in respect of the Draft Scoping Report (DSR) that was out for public review from the 26<sup>th</sup> of November 2021 until the 17<sup>th</sup> of January 2022.

The below indicates the comments that LEM received from you and the related responses on each of the concerns raised in respect of this projects.

**a) Comment:**

I walk the area on a daily basis (since 2000 with the odd exception) as a means of exercise and enjoys the Fauna & Flora as well as the "fresh" air of nature. There are a variety of plants and animals that I come across on a daily basis, which I will miss when

the area gets developed. I realise that this had been a privilege on not a right. So, in line with progress and utilisation of an “unused” piece of land, I do not think that my personal experience will make any difference to the future of the proposed development. (I, however am not the only person that makes use of the area – other walkers and cyclists randomly makes use of this area as well).

**Response:**

Ecologists have been appointed to undertake the detailed faunal and floral impact assessment relating to this project's the study area. The results of the specialist study will be shared with you for your consideration as part of the draft Environmental Impact Assessment phase. The assessment will identify the faunal and floral species that are occurring within the study area and also propose mitigation measures that will need to be implemented and adhered to in order to minimise further impacts that will be caused by this project on the environment. It must be emphasised that the area that is planned to be disturbed will be limited to the indicated 35 ha where the hospital will be developed as per the draft Scoping Report layout plan.

**b) Comment:**

Electricity supply has over the years not being very reliable in this area and Eskom's problems leading to regular load shedding events has made it worse. This will not improve in the very distant future and has come to stay and probably will get even worse! (No comment on the current municipal status) So, I propose that all the buildings/structures be designed in such a way (North facing roofs, rooms that will be dedicated for the equipment, batteries, etc) that the maximum utilisation of Solar energy (electricity & water heating) can and will be installed on all North facing roofs, carports, etc. Adequate energy storage in terms of batteries will be essential, based on my personal experience regarding a Solar installation. A Coal fired boiler, or such, will be strictly forbidden – LPG and /or electric/Solar? To be mandatory.

**Response:**

eMalahleni Local Municipality (ELM) Technical Services: Electrical Department has confirmed that the required electricity supply for the hospital will be made available from the Doornpoort Substation located about 3.5km from the identified New Witbank Tertiary Hospital site. The Doornpoort Substation feeder line shall be used as the dedicated main primary supply power line. An overhead 22kV power line shall be constructed from Doornpoort substation to New Tertiary Hospital; however, eMalahleni Municipality will have to apply for an increase in Notified Maximum Demand (NMD) from Eskom to cater for the additional required estimated power load for the New

Witbank Tertiary Hospital.

eMalahleni Electrical Department has confirmed that additional electrical power capacity is available from the Modelpark Substation located about 2.13km from the identified New Witbank Tertiary Hospital site. The Modelpark Substation feeder line shall be used as the dedicated backup supply power line. The supply for the Hospital switch gear will be from the Die Heuwel substation incomer that is supplying Modelpark substation. An overhead 22kV power line shall be constructed from Modelpark substation to New Tertiary Hospital.

Furthermore, the architectural design of the hospital has taken into consideration the site slopes, which is general from South to North and the other direction from Southeast to Northwest and also the climatic conditions of this area. Most of the buildings will be designed to be north and northeast facing in order to benefit from the natural. Refer to the below response on item (c) in terms of the proposed energy sources for the hospital.

**c) Comment:**

Surely you may have to allow for stand-by generators as well. Here I suggest that use will be made of petroleum gas (LPG) powered generators instead of the more common Diesel-powered generators. This is a cleaner option in terms of green energy with many other benefits. (But with sufficient battery kWh storage capacity a generator will not be required at all!)

**Response:**

Your suggestion has been noted, the proposed alternative energy sources or energy mixes that are currently planned for the hospital includes electricity, diesel, petrol, solar system and LPG. The diesel and petrol will predominately be used for the mobile equipment. The other energy sources will be used to power the hospital building infrastructure. The details in terms of where the different energy mixes will be used will form part of the EIR Phase. The details of the capacities and areas of where these will be used will be shared with you as soon as the information has been made available by the engineering consultants as part of the EIR phase.

**d) Comment:**

Water supply is also not very reliable in this area and I suggest that a Tower Reservoir be part of your scope of work – this could also benefit the adjacent Highveld Mall/Casino complex.

**Response:**

Your input is highly appreciated, a water requirement assessment will be undertaken, which will be based on the proposed building units and the number of beds, for the hospital to determine the water demand to ensure that the requirements of the hospital are met. A water reservoir is planned to be constructed as a secondary water storage facility for the hospital to mitigate the impacts of water shortages within the municipality.

**e) Comment:**

Sewerage – last, but probably the most important issue that has to be properly designed/upgraded. I think the current installation in terms of piping and most importantly the pumping station. There must be zero discharge into the stream, or any other watercourse at all times.

**Response:**

The project will be designed and constructed to ensure that there is zero discharge of effluent into the watercourses. The current bulk sewer system will be upgraded to ensure that capacity of the hospital is catered. There are three (3) WWTW in eMalahleni in close proximity to the project development. The nearest wastewater works is Riverview Wastewater Treatment Works (WWTW) which is approximately 8km north of the development. Del Judor Ext 27 sewer flow is treated at this WWTW. The treatment plant has the capacity of treating 11M//day.

This WWTW has been earmarked to cater for the effluent flows from the hospital development. Riverview WWTW is currently operating above capacity, however, it is being upgraded by the ELM to allow for additional flows from the hospital.

**f) Comment:**

Access Roads – With the proposed link bridge over the N4 Highway through traffic will increase drastically, also because the other bridge is at times overutilized. Linette Str is currently becoming a mess, because it was not designed/built with the intention of the current traffic load in mind. Currently it has been patched hundreds of times (mostly by the community) and with an increase in traffic demand it will just get worse. This section, as well as the Nita Str section that joins Nelson Mandela Str will have to be totally rebuilt to accommodate the new demand for the many years to come! This does not exclude Ina Str, Engela Str and the link road to DJ Proper.

**Response:**

The project has considered several options in order to minimise traffic. A detailed traffic impact assessment study will be undertaken to ensure that the impact of traffic is assessed, quantified and managed. The proposed options included the bridge flyover the N4, access from Mandela Street, Linette Street and Ina Avenue.

Take note that some of these options will be developed and constructed as part of the municipality infrastructure development.

Should you require any additional information, or have comments about the details of this request and application please contact: Ralph Repinga from Licebo Environmental and Mining (Pty) Ltd at:

<b>Tel: 013 692 0212</b>	<b>PO Box 20519, Del Judor Extension 4, Witbank,</b>
<b>1044</b>	
<b>Fax: 086 667 1169</b>	<b>49 Centaury Avenue, Ben Fleur, eMalahleni, 1034</b>
<b>Mobile: 083 257 8869</b>	<b>E-mail: <a href="mailto:ralph.repinga@licebo.co.za">ralph.repinga@licebo.co.za</a></b>

Yours faithfully



**MR Repinga** (Pr.Nat.Sci.)

MSc (Environmental Sciences) – Wits

**For Licebo Environmental and Mining (Pty) Ltd**



**23 May 2022**

Attention: Mr. Clive Hatch

cc:

Dear: Mr. Clive Hatch

**RESPONSE TO COMMENTS RECEIVED FROM MR CLIVE HATCH ON THE 21<sup>ST</sup> OF MAY 2022 AS PART OF THE PUBLIC PARTICIPATION PROCESS FOR THE DRAFT EIR, EMPR AND GENERAL AUTHORISATION (GA) FOR THE PROPOSED CONSTRUCTION OF A 400 BED TERTIARY HOSPITAL ON ERF 1 OF TSWELOPELO JUNCTION SITUATED IN EMALAHLENI LOCAL MUNICIPALITY.**

Licebo Environmental and Mining (Pty) Ltd (Hereafter refereed as 'LEM') has been appointed as an independent Environmental Assessment Practitioner (EAP) by the Mpumalanga Department of Public Works, Roads and Transport (DPWRT) to undertake the environmental regulatory approval processes in terms of the National Environmental Management Act, Act 107 of 1998 as amended ('NEMA') and Water Use Licence Application in terms of the National Water Act, Act 36 of 1998 ('NWA') associated with the proposed construction of the New Witbank (eMalahleni) Tertiary Hospital in eMalahleni Local Municipality within Nkangala District Municipality, Mpumalanga Province.

LEM hereby acknowledge receiving your comments on the 21<sup>st</sup> of May 2022. This response letter serves to address the comments raised via email in respect of the Draft Environmental Impact Report (DEIR), Environmental Management Plan report (EMPr) and General Authorisation (GA) that was issued for public review.

The below indicates the comments that LEM received from you and the related responses on each of the concerns raised in respect of this projects.

1. **Comment:** Water supply – Water will be obtained from an existing water pipeline running along the Nelson Mandela Drive. The existing water pipeline has sufficient capacity to ensure that the hospitals have water.

According to the eMalahleni Local Municipality Annual Report The current water demand is approximately 150MI/d while the installed capacity is 130MI/d (excluding 35% water losses). ELM is projected to have a future water demand of 260MI/d by year 2035

according to the high growth scenario (refer to the figure below for future projections). The draft 2022/2027 IDP states that the Witbank dam design capacity 75MI/d operational capacity 105MI/d.

Witbank Water Purification Works is a Class B plant and it gets water from Witbank Dam. It has a design capacity of 75MI/d and it is currently operating at approximately 80 to 90MI/d. The plant is a conventional design which is mainly aimed at eliminating suspended solids and has limited efficiency on the removal of dissolved solids.

With this lack of capacity where is the additional water supply going to be sourced? It is common cause that there are frequent water shortages throughout eMalahleni lasting for several days on some occasions.

**Response:** Following the Project Team engagement with the municipality, ELM indicated that there are current projects which the municipality has undertaken and other still being implemented, and these projects will alleviate the current bulk water and sewer challenges. The hospital project, DPWRT has restricted the project activities for the hospital developmental activities and its projected future growth since Tswelopele Junction Township development is a separate project from this one. The sizing and positioning of the bulk infrastructure from the hospital will accommodate the Tswelopele Junction Township that will be utilising the same areas. The ELM confirmed that the hospital will receive its required water and sewer demands and the proposed augmentation of these bulk services infrastructure will be deemed sufficient in this regard once all the planned projects have been implemented.

- **Comment:** Bulk Sewer: Sewer pipe line will be extended from the existing sewer pipeline passing along Nelson Mandela Drive as per the waterline. Sewer pipeline will be connected to the Riverview Wastewater Treatment Works which is approximately 8km north of the development which has the capacity of treating 11ML/Day.

Riverview sewerage plant design capacity 11MI/d while the current operating capacity 16MI/d.

With this lack of capacity where is the additional purification capacity going to be sourced? It is common cause that there are frequent sewerage overflows in Mandela Drive from the Highveld Mall, Del Judor Extension 4 and other business operating down the road. The Riverview Water Treatment Works will never cope with additional sewerage generated at a 400-bed hospital with 4000 employees expanding to 600 beds in the future.

**Response:** As indicated above, following the Project Team engagement with the

municipality, ELM indicated that there are current projects which the municipality has undertaken and other still being implemented at the Riverview Wastewater Treatment Works, and these projects will alleviate the sewer challenges. The confirmation letter received from the municipality indicate that the hospital will be accommodated at this wastewater treatment works and further augmentation of the sewer works infrastructure will be undertaken to cater eMalahleni's future growth.

- Electricity: Power supply will be obtained from the two nearby substations, namely Doornpoort substation and Model Park substation. ELM confirmed that power capacity is available in both substations. Doornpoort substation will be used as the main supply power line and the Model Park substation will be the backup station. Powerline to be constructed shall have a capacity to carry up to 9MVA to cater for future hospital expansion from 400 beds to 600 beds.

In the draft 2022/2026 IDP it is reported that the nominal maximum demand (NMD) collectively for the municipal intake points from Eskom total 250MVA and the Municipality utilizes 300MVA which clearly indicates that the demand is higher than the supply. The challenges are the old and outdated infrastructure. Furthermore, the municipality is experiencing electrical losses due to old and outdated infrastructure including illegal connections and by-passing of meters.

Currently there are frequent power failures to the areas supplied with electricity supplied from the Doornpoort substation which is old and outdated infrastructure. It should also be noted that the Doornpoort substation also feeds the Model Park substation.

**An example of our concerns about the power supply is a communique issued by the eMalahleni Local Municipality on Friday 20 May 2022:**

"Please Note: Power Supply

Due to extreme cold weather conditions, the usage of electricity has increased and the substations are at risk of tripping due to overloading.

Please use electricity sparingly and switch off geysers, pool pumps, electric heaters and non-essential appliances to avoid overloading the network". eMalahleni Local Municipality Communications Unit

How will the existing system cope with a 400-bed hospital and 4000 employees?

**Response:** Several meetings were held between the eMalahleni Local Municipality

(Technical Services Department) and the Mpumalanga Public Works, Roads and Transport Project Team on the several occasions to discuss the proposed New Witbank (eMalahleni) Tertiary Hospital. The Bulk service that will be required for the proposed development were discussed with the Technical Services Department. The municipality indicated (in a formal letter dated 2 March 2022), attached as **Annexure A** below that the municipality is currently experiencing a high demand for basic services due to the exceptional growth and migration of people into the city, which in turn has placed a huge burden on the municipality's bulk infrastructure next works that are currently under strain and operating at maximum capacity. The municipality further indicated that they have developed interventions in the form of long- and short-term projects which are currently being rolled out, which are to address the bulk infrastructure challenges and is intended to cater for the bulk infrastructure upgrades in order to enable development and growth. The municipality further indicated that they are in the process of augmenting the bulk services infrastructure and also confirmed the availability of bulk infrastructure serves to the development, as the project is being implemented within a well-developed area, which has basic serves installed in the form of water, sanitation, electricity and roads.

ELM will be best placed to provide a comprehensive response to the areas that are within their responsibility as they are responsible for the planning and are aware of their network capacity and existing issues. As for this project, in the engagements done with the ELM officials, the capacity of the mentioned substations and Notified Maximum Demand (NMD) shall be upgraded to cater for the new hospital load.

## **2. Additional developments.**

- **Comment:** The presentation only covers the infrastructural developments for the proposed development of the tertiary hospital. Have the requirements for the proposed Tswelopele Junction Township been taken into account?

**Response:** As part of the environmental impact assessment the cumulative impacts from the Township were considered, the bulk infrastructure that will be shared among the hospital and the Township have been designed to be able to handle the requirements of the both developments.

- **Comment:** Apple Property Construction are currently marketing a 200-townhouse development in Mandela Drive between Indlela Country Lodge and Builders Warehouse, has this development also been incorporated into the mix when determining the infrastructural requirements for the proposed Tertiary Hospital?

Response: As part of the environmental impact assessment the cumulative impacts from proposed developments planned by the municipality that are in proximity of the study area and its bulk infrastructure that will be shared with the hospital have been designed to be able to handle the requirements of the such developments.

### **3. Financial implications for the eMalahleni Local Municipality.**

**Comment:** As illustrated in the above it is clearly evident that the infrastructure is inadequate to service the requirements of the tertiary hospital.

The eMalahleni Local Municipality is indebted to Eskom for an amount of R5,9 billion.

There is no indication as to where the funding will come from in order to upgrade the infrastructure required in terms of the current requirements of the project. We believe that the eMalahleni Local Municipal should make this information available to the ratepayers.

**Response:** Condition noted, as mentioned above the ELM has committed to the DPWRT and DoH that there is available capacity to cater and service the proposed hospital as planned to be constructed within the municipality.

These comments have also been sent the municipalities for their considerations and implementation. Furthermore, the project team as committed on the EMPr will ensure that the committed mitigation measures are implemented as planned and issues of deviations and non-compliance will be monitored and reported to the competent authority and also communicated to the public in line with the requirements of Regulation 34 of the EIA Regulations 2014 as amended.

### **4. Comments: Access Roads.**

The *presentation* indicates that there are only two access points to the hospital. The first being from Mandela Drive next to the proposed filling station and the second next to the Highveld Mall.

These access points provide no problems to the community.

The plan for the full Tswelopele Junction development still indicates that Ina and Lynette Streets will be access roads into the township. The main entrance into the proposed tertiary hospital would indicate that an Ina Street entrance would become the entrance of preference for residents from the western suburbs.

None of the roads in Del Judor Extension 4 was designed or built to carry the amount of traffic to a major hospital or light industrial area.

A survey also needs to be undertaken to determine the quantity of traffic that will use the “short cut” from OR Tambo Street to Mandela Drive using Louise Street into Engela Street and Nita Street rather than driving to the OR Tambo/Mandela Drive intersection. In the draft 2022/2026 IDP it is reported that the Majority of municipal roads are having traffic congestions, aged and dilapidated roads infrastructure which needs upgrading, rehabilitation and maintenance. About 90% of the streets are damaged and required reconstruction and rehabilitation.

**Response:** It should be indicated that some of the indicated roads are related to the proposed Tswelopele Junction Township development, which does not form part of the hospital application process. The currently undertaken Traffic Impact Assessment (TIA) gives results and proposed recommendation based on the proposed Tswelopele Junction Township on the specific roads that will form part of the hospital project, however, a site-specific TIA will also be performed following the approval of the Spatial Development Plan (SDP) for the project. (That is, such TIA requires project specifications to be finalised.

**5. Comments: Monitoring during construction.**

Will there be a Community Liaison Officer appointed from Del Judor 4 appointed to monitor the project on behalf of the residents?

Who will be responsible for the statutory monitoring of the issues such as air quality (dust control), impact on the wetlands, surface water etc.?

**Response:** As part of the construction phase a Community Liaison Officer will be appointed from ELM to monitor the project on behalf of the ELM residencies.

The DPWRT will appoint an independent Environmental Control Officer to undertake ECO inspections to ensure that the commitments made by the DPWRT Project Team on the EMPr are complied with. DPWRT will ensure that the committed mitigation measures are implemented as planned and issues of deviations and non-compliance will be monitored and reported to the competent authority and also communicated to the public in line with the requirements of Regulation 34 of the EIA Regulations 2014 as amended.

**6. Boiler.**

- **Comment:** The presentation mentions a boiler, where will the boiler be situated, and what safety precautions are in place especially in the event of an explosion.

**Response:** Please see attached Annexure B for the infrastructure plan showing the location of the boilers and the boilers safety precautions forming part of the operation method statement.



The proposed Boiler position is not near the residential area but is within the hospital facility on the Eastern side and shall be housed within a boiler house structure. The boiler design, position and construction shall meet, all Health and Safety requirements, emissions requirements and standards for pressure vessels as per SANS/SABS.

#### **7. Property valuation.**

- **Comment:** As property owners we request that a study be undertaken as to what effect the development could have on property values in Del Judor Extension 4.

**Response:** The undertaken of the property evaluation for the properties that are located in close proximity to the hospital developmental site (Del Judor Extension 4) have been included as part of the EMPr commitment that will need to be conducted.

#### **8. Taxis and hawkers.**

- **Comment:** What provisions are in place to ensure that the hawkers and taxi rank comply with basic health regulations and traffic safety regulation?

**Response:** The area designated for the taxi rank and hawkers will be monitored as part of this project during the construction and operation phase to ensure that basic health regulations and traffic safety regulation are complied with. Safety and environmental personnel will be appointed for this project as part of the construction phase to monitor compliance. It should be noted that the compliance to the applicable bi-laws will also been monitored by the ELM during all the phases of the project.

#### **9. Participation.**

- **Comment:** There is a concern that the low public participation may be due to the fact that the meeting was held at 17h00 when many residents are still not home from work. In our opinion it is of the utmost importance that a meeting be held where municipal officials are present to explain their decisions.

**Response:** Comment noted, we will ensure that any future meeting are done for the benefit of all communities. It should be noted that 30 days of consultation was given as required in the EIA Regulations 2014 as amended for ensuring that Interested and Affected Parties were given enough time to comment and give input into the project. Furthermore, the comments raised as part of this project has been submitted to the municipality so that the required actions are undertaken and also taking note that these actions as included into the hospital's EMPr will be monitored as part of the project's compliance on the environmental authorisation.

Should you require any additional information, or have comments about the details of this request and application please contact: Ralph Repinga from Licebo Environmental and Mining (Pty) Ltd at:

**Tel: 013 692 0212**

**1044**

**Fax: 086 667 1169**

**Mobile: 083 257 8869**

**PO Box 20519, Del Judor Extension 4, Witbank,**

**49 Centaury Avenue, Ben Fleur, eMalahleni, 1034**

**E-mail: [ralph.repinga@licebo.co.za](mailto:ralph.repinga@licebo.co.za)**

Yours faithfully



**MR Repinga (Pr.Nat.Sci.)**

MSc (Environmental Sciences) – Wits

**For Licebo Environmental and Mining (Pty) Ltd**

**EMALAHLENI TERTIARY HOSPITAL – NEW WITBANK (EMALAHLENI) TERTIARY  
HOSPITAL STAKEHOLDER ENGAGEMENT**

<b>Client:</b> Department of Public Works, Roads and Transport – eMalahleni Tertiary Hospital  <b>Project:</b> Public meeting for the New Witbank (eMalahleni) Tertiary Hospital Draft Environmental Impact Report (DEIR), Environmental Management Programme (EMPr) and General Authorisation (GA).	<b>Project Reference:</b> LEM-A0424-01-2021 New Witbank (eMalahleni) Tertiary Hospital EA and WULA
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<b>Venue:</b> Portuguese Hall, 95 Nita Avenue, Del Judor Ext 4 eMalahleni.  <b>Purpose of the meeting:</b> To notify the public about the submitted DEIR, EMPr and GA.	<b>Date:</b> 12 May 2022  <b>Time:</b> 17h00 to 19h00
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No.	NAME & SURNAME	REPRESENTING	Tel/CELL	E-Mail
Attendance register is attached below				

**MEETING DETAILS**

Item No.	Discussion by	Comment / Issues	Action taken by	Response by
1.	<b>INTRODUCTION &amp; OVERVIEW</b>			
1.1	Ralph Repinga (RR)	Ralph Repinga (The appointed Environmental Assessment Practitioner) for Licebo Environmental and Mining (Pty) Ltd coordinated the public participation meeting. He thanked the attendees for attending the meeting. He also gave introductory	No Action Required	No Response Required

Item No.	Discussion by	Comment / Issues	Action taken by	Response by
		note by introducing the LEM team and highlighted the purpose of the meeting.		
<b>2</b>	<b>PROJECT BACKGROUND INFORMATION</b>			
2.1	Ralph Repinga (RR)	<p>RR gave a brief background about the proposed project and stated that the Mpumalanga Department of Public Works, Road and Transport (DPWRT) has appointed Department of Health (DoH) to construct New Witbank (eMalahleni) Tertiary Hospital that will consist of 400 beds (200 tertiary beds and 200 regional beds). The project will be undertaken on 35 hectares of the Erf 1 Tswelopelo Junction JS, situated behind the Highveld Mall, within eMalahleni Local Municipality, Nkangala District Municipality.</p> <p>He further noted that Department of Public Works, Roads and Transport has therefore appointed Licebo Environmental and Mining (Pty) Ltd (LEM), an independent environmental consulting firm to undertake Environmental Authorisation (EA) process involving the Scoping &amp; Environmental Impact Report (S&amp;EIR) and Environmental Management Programme report (EMPr), and Water Use Licence application for the eMalahleni Tertiary Hospital. The final Scoping Report (FSR) was submitted on the 03<sup>rd</sup> of February 2022 and</p>	No Action Required	No Response Required

Item No.	Discussion by	Comment / Issues	Action taken by	Response by
		accepted by DARDLEA (Competent Authority).		
<b>3.</b>	<b>PRESENTATION</b>			
3.1	Ralph Repinga (RR)	RR highlighted the purpose of the meeting which was to provide information regarding Environmental Impact Report (EIR) & Environmental Management Programme report (EMPr) and Water Use Licence Application (WULA) processes (General Authorisation), an update on the project progress to date, and an opportunity for issues and comments to be raised and questions to be asked, and present the findings of specialist studies undertaken as part of environmental authorisation and general authorisation for the proposed New Witbank (eMalahleni) Tertiary Hospital. RR indicated that the proposed project is undertaken in line with National Environmental Management Act, Act 107 of 2014 as amended and in line with Government Notice Regulation 982 and in line with the National Water Act, Act 36 of 1998. He further indicated that the DPWRT is intending to construct a 400 beds (200 tertiary beds and 200 regional beds) Tertiary Hospital and approximately 70 beds for the future proposed psychiatric ward on Erf 1 of Tswelopele Junction Township, located in Ward 34	No Response Required	

Item No.	Discussion by	Comment / Issues	Action taken by	Response by
		<p>of eMalahleni Local Municipality (ELM).</p> <p>This hospital is known as the New Witbank (eMalahleni) Tertiary Hospital. The proposed project will be constructed on 35 hectares of a portion of the Remainder of Portion 121 of the farm Zeekoewater 311 JS. The project will be undertaken within the larger 87,99 ha of property which is registered to the ELM.</p> <p>Activities to be undertaken will include construction of Medical Wards, Surgical Theatres, Radiology Department, Pathology Lab, Paediatrics Ward, Maternity Wards, Surgical Wards, Medical laboratory, High Care Wards, Emergency or Casualty Unit and Short Stay Ward, Stormwater Management System and Temporary Waste Storage Facilities. Supporting infrastructure to be constructed include:</p> <ul style="list-style-type: none"> <li>• Management Offices</li> <li>• Doctors' suites and medical personnel offices</li> <li>• Waste management storage yard</li> <li>• Furnaces and Boilers</li> <li>• Incinerator</li> <li>• Security guardhouse</li> </ul>		

Item No.	Discussion by	Comment / Issues	Action taken by	Response by
		<ul style="list-style-type: none"> <li>• Parking space</li> <li>• Sport facilities including soccer fields</li> <li>• Stormwater management infrastructure</li> <li>• Internal road infrastructure</li> </ul> <p>Pump station for sewer reticulation (To connect to the existing municipal sewer reticulation system)</p> <p>The power supply for the hospital will be from the Doornpoort substation, an overhead 22kV power line will be constructed from Doornpoort substation to New Witbank (eMalahleni) Tertiary Hospital. The Modelpark substation will be used as a backup supply power, an overhead 22kV power line shall be constructed from Modelpark substation to New Witbank (eMalahleni) Tertiary Hospital.</p> <p>RR noted that the project has moved to Draft Environmental Impact Report Phase (DEIR). DEIR was submitted on the 19th of April 2022 to the DARDLEA and issued for 30 days public review from the 19<sup>th</sup> of April 2022 to 23<sup>rd</sup> of May 2022. Registered IA&amp;Ps will be informed of the availability of the DEIR and EMP<sub>r</sub> for review. Comments received during the public participation phase will be recorded in the</p>		



Item No.	Discussion by	Comment / Issues	Action taken by	Response by
		Comments and Response Report attached for public review and a public meeting to be held by interested and affected parties (I&AP's) for comments and issues.		
<b>4.</b>	<b>DISCUSSIONS, QUESTIONS AND ANSWERS SESSION</b>			
4.1	Leigh Soden (LD)	<p><b><u>Question:</u></b></p> <p>Currently, eMalahleni Local municipality owes Eskom six (6) billion Eskom for powerline and is failing to provide power constantly. How is the municipality going to pay for the construction, the maintenance, and the supplies for the New Witbank eMalahleni Hospital while it cannot even supply Witbank General hospital with basic needs (water, and electricity)?</p> <p>Sewer from ELM is another problem that that municipality need to address, nearest water systems are now poisoning water (Olifants river) killing the aquatic life such as fish and crocodiles? What is going to be a long-term solution, municipality should answer and intervene these issues.</p> <p><b><u>Response:</u></b></p> <p>The funding for the construction of the New (Witbank) eMalahleni including for the maintenance and supply are mainly from the Department of Public Works, Roads and Transport</p>	eMalahleni Local Municipality	R Repinga

Item No.	Discussion by	Comment / Issues	Action taken by	Response by
		(DPWRT) but the eMalahleni Local Municipality will be responsible for the capacity supply of water, electricity and sewer.		
	Andre Fouche (AF))	<p><b><u>Question:</u></b></p> <p>How are the environmental impacts going to be monitored such as air quality (dust fallout), wetland and surface water etc.</p> <p><b><u>Response:</u></b></p> <p>RR noted that during the construction phase the appointed Environmental Control Officer (ECO) will ensure that dust suppression will be undertaken to minimise dust emission impacts and number of tipper trucks will be limited.</p> <p>He also mentioned that noise will be limited within the construction perimeter, all machinery to be fitted with silencers and proper daily monitoring to be conducted.</p>		R Repinga
	Clive Hatch (CH)	<p><b><u>Question:</u></b></p> <p>Who will monitor increased decibels (dB) of the sound (noise generation)?</p> <p><b><u>Response:</u></b></p> <p>The DPWRT will appoint independent Environmental Control Officer to undertake daily ECO inspection to ensure that noise, dust-fallout is managed and monitored in</p>		R Repinga

Item No.	Discussion by	Comment / Issues	Action taken by	Response by
		accordance with the EMPr and will monitor the following but not limited to surface water and vegetation, wetland, and soil assessment etc..		
	Clive Hatch (CH)	<p><b><u>Question:</u></b></p> <p>Clive Hatch (CH): Since it took 20 years for the Tswelopele Township to be approved how long will this (New Witbank eMalahleni Tertiary Hospital) project take to start?</p> <p><b><u>Response:</u></b></p> <p>RR: The proposed development is anticipated to commenced in September 2022 as soon as the Environmental Authorisation (EA) is granted by the DARDLEA (competent authority). The 2022 budget is already out for this project.</p>		R Repinga
	Andre Fouche (AF)	<p><b><u>Question:</u></b></p> <p>AF highlighted that sewer pipeline to be extended from the existing sewer pipeline passing along Nelson Mandela Drive as per the waterline and be connected to the Riverview Wastewater Treatment Works which is approximately 8km north of the development which has the capacity of treating 11ML/Day. Riverview sewerage plant design capacity 11ML/g while the current operating capacity 16ML/d. With this lack of capacity where is the additional purification capacity going to be sourced?</p>		R Repinga

Item No.	Discussion by	Comment / Issues	Action taken by	Response by
		<p>He further mentioned that water will be obtained from an existing water pipeline passing through the Nelson Mandela Drive. The existing water pipeline has sufficient capacity to ensure that the hospitals have water. Witbank Water Purification Works is a Class B plant and it gets water from Witbank Dam. It has a design capacity of 75MI/d and it is currently operating at approximately 80 to 90MI/d. The plant is a conventional design which is mainly aimed at eliminating suspended solids and has limited efficiency on the removal of dissolved solids. With this lack of capacity where is the additional water supply going to be sourced?</p> <p>Furthermore, what impact will the proposed development have on the bulk infrastructure such as sewer and water pipelines that are existing within the study area?</p> <p><b><u>Response:</u></b></p> <p>RR: Noted that bulk infrastructure facilities (stormwater and sewer) is being discussed with the municipality.</p>		
	Thabo Mnisi (TM)	<p><b><u>Question:</u></b></p> <p>TM- Noted that access road to the hospital will be cause socio-economic impact such as congestion of people residing within Del Judor Ext 4. How</p>		R Repinga

Item No.	Discussion by	Comment / Issues	Action taken by	Response by
	Thabo Mnisi (TM)	<p>will municipality going to manage the existing issues concerning the existing roads and the proposed road entering the hospital?</p> <p><b><u>Response:</u></b></p> <p>The existing road infrastructure was developed by the ELM, but the proposed infrastructure (access road) will be constructed/developed by the MDPWRT and will only be the access road.</p> <p><b><u>Question:</u></b></p> <p>TM: Between the proposed new eMalahleni Tertiary Hospital project and Tswelopele township, what comes first in terms of demand?</p> <p><b><u>Response:</u></b></p> <p>RR: Township development is municipal responsibility; the proposed hospital development is MPWRT responsibility. The hospital is the development in terms of the provincial need (stand-alone development referral hospital) not local.</p>		
	Andre Fouche (AF)	<p><b><u>Question:</u></b></p> <p>How will the construction of the New (Witbank) eMalahleni Tertiary Hospital</p>		R Repinga

Item No.	Discussion by	Comment / Issues	Action taken by	Response by
		<p>affect the market value of the nearby (Del Judor) Ext 4 properties.</p> <p><b><u>Response:</u></b></p> <p>We still must conduct a survey (by a relevant specialist) and understand the effect of the market value for the nearby properties.</p>		
<b>5.</b>	<b>CLOSURE OF MEETING</b>			
<b>5.1</b>		<p>RR thanked all the attendee and indicated that their contribution is highly appreciated and looking forward to further engagement with the stakeholders.</p> <p>The meeting ended at 19:00</p>		

	<p><b><u>APPROVAL OF MINUTES</u></b></p> <p><b>Licebo Environmental and Mining (Pty) Ltd.....</b></p> <p><b>Date.....</b></p>	
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## LEM-A0424-01-2021 EMALAHLENI TERTIARY HOSPITAL PROJECT\_MEETING WITH WARD 34 COUNCILOR

Our Reference No.:

LEM-A0424-01-2021 eMalahleni Tertiary Hospital EA and WULA

### EMALAHLENI TERTIARY HOSPITAL – EMALAHLENI TERTIARY HOSPITAL STAKEHOLDER ENGAGEMENT.

<b>Client:</b> Department of Public Works, Roads and Transport – eMalahleni Tertiary Hospital <b>Project:</b> eMalahleni Tertiary Hospital	<b>Project Reference:</b> LEM-A0424-01-2021 eMalahleni Tertiary Hospital EA and WULA
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<b>Venue:</b> eMalahleni – Highveld Mall <b>Purpose of the meeting:</b> Consultation meeting with the Ward Councilor	<b>Date:</b> 20 January 2022 <b>Time:</b> 08:00
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No.	NAME & SURNAME	REPRESENTING
01	Zibani Ndebele	A T S
02	Lizelle Steyn	Cllr Ward 34
03	Gavin Gates	Cllr Ward 24
04	Siyanda Mongwe	Licebo Environmental and Mining (Pty) Ltd
05	Bongani Motha	Licebo Environmental & Mining (Pty) Ltd

### MEETING DETAILS

Item No.	Discussion by	Comment / Issues	Action taken by	By When
1.	<b>INTRODUCTION &amp; OVERVIEW</b>			
1.1	Bongani Motha (BM)	Bongani Motha for Licebo Environmental and Mining (Pty) Ltd coordinated meeting. He thanked the Councilor for making time having this meeting. He also gave introductory note by introducing the LEM team and highlighted the purpose of the meeting. He indicated that the Mpumalanga Province Department of Public Works, Roads and Transport (DPWRT) is intending to construct a 400 beds (200 tertiary beds and 200 regional	No Action Required	



Item No.	Discussion by	Comment / Issues	Action taken by	By When
		<p>beds) Tertiary Hospital and approximately 70 beds for the future proposed psychiatric ward on Erf 1 of Tswelopele Junction Township, located in Ward 34 of eMalahleni Local Municipality (ELM).</p> <p>This hospital is known as the eMalahleni Tertiary Hospital. The proposed project will be constructed on 35 hectares of a portion of the Remainder of Portion 121 of the farm Zeekoewater 311 JS. The project will be undertaken within the larger 87,99 ha of property which is registered to the ELM.</p> <p>Activities to be undertaken will include construction of Medical Wards, Surgical Theatres, Radiology Department, Pathology Lab, Paediatrics Ward, Maternity Wards, Surgical Wards, Medical laboratory, High Care Wards, Emergency or Casualty Unit and Short Stay Ward, Stormwater Management System and Temporary Waste Storage Facilities. Supporting infrastructure to be constructed include:</p> <ul style="list-style-type: none"> <li>• Management Offices</li> <li>• Doctors' suites and medical personnel offices</li> <li>• Waste management storage yard</li> <li>• Steam Boilers</li> <li>• Incinerator</li> <li>• Security guardhouse</li> <li>• Parking space</li> <li>• Sport facilities including soccer fields</li> <li>• Stormwater management infrastructure</li> <li>• Internal road infrastructure</li> <li>• Pump station for sewer reticulation</li> </ul>		

Item No.	Discussion by	Comment / Issues	Action taken by	By When
		<p>(To connect to the existing municipal sewer reticulation system)</p> <p>The power supply for the hospital will be from the Doornpoort substation, an overhead 22kV power line will be constructed from Doornpoort substation to New Tertiary Hospital. The Modelpark substation will be used as a backup supply power, an overhead 22kV power line shall be constructed from Modelpark substation to New Tertiary Hospital.</p> <p>Licebo Environmental and Mining (Pty) Ltd (herein as referred to as "LEM") has been appointed as the Environmental Assessment Practitioner by Mpumalanga Province Department of Public Works, Roads and Transport (hereafter referred to as 'MDPWRT') to undertake Environmental Authorisation (EA) process involving the Scoping &amp; Environmental Impact Report (S&amp;EIR) and Environmental Management Programme report (EMPr), and Water Use Licence application for the eMalahleni Tertiary Hospital</p>		
<b>2.</b>	<b>DISCUSSIONS, QUESTIONS AND ANSWERS SESSION</b>			
2.1	Lizelle Steyn (LS)	<p>1. Lizelle Steyn indicated that the proposed development is welcomed however the system (Electrical and water supply systems) are currently under strains. She indicated that utilizing the Model Park Station is not recommended.</p> <p>2. She further indicated that the ward 34 community will not agree to any access to the hospital through the suburb of Del Judor Ext 4. She noted that the traffic through Nita Street is</p>	<p>1. Your input is highly appreciated and the concern raised about the Model Park Station is noted and will be communicated with the project team.</p> <p>2. The Del Judor</p>	

Item No.	Discussion by	Comment / Issues	Action taken by	By When
		<p>currently high as result of Cambridge School and Highveld View Estate.</p> <p>3. LS enquired if there will be hawkers' area for selling in the hospital?</p> <p>4. Have you considered the traffic on the Mandela Drive?</p> <p>5. Will there be a taxi rank constructed? She suggested that we consult with the taxi association to limit in fighting between different associations.</p> <p>6. LS suggested a meeting with the Model Park and Del Judor Ext 4 community. The meeting is planned for the 29<sup>th</sup> of January 2022 at 11am.</p>	<p>Ext 4 roads will be used as secondary roads, the main road to the hospital is the road adjacent to the mall.</p> <p>3. Based on the draft conceptual design no area has been designated for hawkers', we will raise this with the project team and consider it during final conceptual design phase.</p> <p>4. A traffic assessment study has been undertake as part of the proposed development. The project will not result to developing of the Mandela Road. It is anticipated the eMalahleni Local Municipality will undertaken the upgrading of the road.</p>	

Item No.	Discussion by	Comment / Issues	Action taken by	By When
			5. A taxi rank is planned with in the hospital premises, your input is noted and a meeting with the taxi association will be arranged during the Draft Environmental Impact Report phase.	
<b>3.</b>	<b>CLOSURE OF MEETING</b>			
<b>5.1</b>	BM thanked all the attendee and indicated that their contribution is highly appreciated and looking forward to further engagement with the stakeholders. The meeting ended at 09:00			

	<b><u>APPROVAL OF MINUTES</u></b>  <b>Licebo Environmental and Mining (Pty) Ltd.....</b>  <b>Date.....</b>	
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## LEM-0424-01-2020 EMALAHLENI TERTIARY HOSPITAL\_EIA WULA PPP MEETING WITH WARD 34

Our Reference No.:

LEM-A0424-01-2021 eMalahleni Tertiary Hospital EA and WULA

### MEETING MINUTES: EMALAHLENI TERTIARY HOSPITAL PUBLIC MEETING WITH WARD 34 COMMUNITY MEMBERS

<b>Client:</b> Mpumalanga Department of Public Works and Transport	<b>Reference no.:</b> LEM-A0424-01-2020
<b>Venue:</b> Indlela Lodge Hall at Del Judor Extension 4	<b>Date:</b> 29 January 2022
<b>Subject:</b> eMalahleni Tertiary Hospital Project: Public Participation Process – Pubpublic Meeting with Ward 34 (Del Judor Extension 4 and surroundings)	<b>Time:</b> 11:00 – 12:00

No.	NAME & SURNAME	DESIGNATION
1.	Bongani Motha (BM)	Licebo Environmental and Mining (LEM): Senior Environmental Scientist
2.	Samuel Mathebula (SM)	Licebo Environmental and Mining (LEM): Junior Environmental Scientist
03	Lizelle Steyn	Cllr Ward 34
04	Gavin Gates	Cllr Ward 24
Please see the attached Attendance Register for all other Interested and Affected Parties (I&APs) who attended this meeting		

Item	Comment	Action	By Who	By When
1	<b>Introduction and overview</b>			
1.1.	Bongani Motha from Licebo Environmental and Mining (Pty) Ltd facilitated and presented the Draft Scoping Report information as part of this meeting. He thanked the Councilor for making time and assisting in arranging this meeting. He also gave introductory note by introducing the LEM team and highlighted the purpose of the meeting. He indicated that the Mpumalanga Province Department of Public Works, Roads and Transport (Hereafter referred as 'DPWRT') is intending to construct a 400 beds (200 tertiary beds and 200 regional beds) Tertiary Hospital and approximately 70 beds for the future proposed psychiatric ward on Erf 1 of Tswelopele Junction Township, located in Ward 34 of eMalahleni Local Municipality (ELM).	No Action required.		

Item	Comment	Action	By Who	By When
	<p>This hospital is known as the eMalahleni Tertiary Hospital. The proposed project will be constructed on 35 hectares of a portion of the Remainder of Portion 121 of the farm Zeekoewater 311 JS. The project will be undertaken within the larger 87,99 ha of property which is registered to the ELM. Additional infrastructure which includes the electricity supply powerlines will also be constructed from the Model Park and Doornpoort substation which are located within Portion of the farm Zeekoewater 311 JS.</p> <p>Activities to be undertaken will include construction of Medical Wards, Surgical Theatres, Radiology Department, Pathology Lab, Paediatrics Ward, Maternity Wards, Surgical Wards, Medical laboratory, High Care Wards, Emergency or Casualty Unit and Short Stay Ward, Stormwater Management System and Temporary Waste Storage Facilities. Supporting infrastructure to be constructed include:</p> <ul style="list-style-type: none"> <li>• Management Offices</li> <li>• Doctors' suites and medical personnel offices</li> <li>• Waste management storage yard</li> <li>• Furnaces and Boilers</li> <li>• Incinerator</li> <li>• Security guardhouse</li> <li>• Parking space</li> <li>• Sport facilities including soccer fields</li> <li>• Stormwater management infrastructure</li> <li>• Internal road infrastructure</li> <li>• Pump station for sewer reticulation (To connect to the existing municipal sewer reticulation system)</li> </ul> <p>The power supply for the hospital will be from the Doornpoort substation, an overhead 22kV power</p>			

Item	Comment	Action	By Who	By When
	<p>line will be constructed from Doornpoort substation to New Tertiary Hospital. The Model Park substation will be used as a backup supply power, an overhead 22kV power line shall be constructed from Model Park substation to New Tertiary Hospital.</p> <p>Licebo Environmental and Mining (Pty) Ltd (herein as referred to as "LEM") has been appointed as the Environmental Assessment Practitioner by the DPWRT to undertake Environmental Authorisation (EA) process involving the Scoping &amp; Environmental Impact Report (S&amp;EIR) and Environmental Management Programme report (EMPr), including a Water Use Licence application for the eMalahleni Tertiary Hospital.</p>			
<b>2.</b>	<b>DISCUSSIONS, QUESTIONS AND ANSWERS SESSION</b>			
2.1.	<p>Willie Denheyer – Del Judor Community Member.</p> <p><b><u>Comment:</u></b></p> <p>Will any roads within Del Judor be used during the operational phase of the Hospital?</p> <p><b><u>Response:</u></b></p> <p>The project has considered several options in order to minimise traffic. A detailed traffic impact assessment study will be undertaken to ensure that the impact of traffic is assessed, quantified, and managed. The proposed options included the bridge flyover the N4, access from Mandela Street, Linette Street, and Ina Avenue. Currently the preferred access road will be from Mandela Street. As part of this project only the preferred access road will be constructed and be used to access the hospital during the operational phase.</p> <p>Take note that as part of the proposed Tswelopele Township development that has been planned by the municipality, shows a network of roads such as</p>	<p>Comments will be sent to relevant specialist including the Civil Engineer and Traffic Management specialist to ensure that the impact on traffic to the community is taken into consideration s.</p>	Ralph Repinga (EAP)	During Draft Environmental Impact Assessment (EIR) phase.



Item	Comment	Action	By Who	By When
	connections from Ina and Linette connecting to the access road from the hospital to Mandela Street. These roads will be developed and constructed as part of the municipality infrastructure development.			
2.2.	<p>Barbara King – Del Judor Community Member</p> <p><b><u>Comment:</u></b></p> <p>Why do they decide to use that area, why not consider other alternative locations such as opposite space on the other side of the Mandela drive road?</p> <p>We have suggested a couple of places including the site of the proposed project but based on the advice we received is that there are developments planned on those open areas across the Mandela Road. Hence, the current site is considered suitable, but previously it was initially planned on the other side of the road..</p> <p><b><u>Response:</u></b></p> <p>The proposed location was selected based on land availability, proximity of the proposed Hospital and national roads and proximity of the proposed Hospital to existing infrastructure. Also, this land was donated as part of the available land by the ELM to DPWRT.</p>	No Action Required, other than to incorporate the comments as part of the EIR phase.	Ralph Repinga (EAP)	During Draft EIR phase
2.3.	<p>Leigh Soden – Del Judor Community Member</p> <p><b><u>Comment 1: Sewage management</u></b></p> <p>What are you going to do with sewage reticulation or sewage system?</p> <p>What sorts/types of reticulation or pumping systems will be taken into considerations or will you use because you will be pumping into a very fragile and very old sewage system?</p> <p>As a community we will be having massive sewage blockage if you pump to the existing system.</p>	Comments will be communicated with the Project's appointed Civil, Mechanical and Electrical Engineers to ensure that the impacts relating to	Ralph Repinga (EAP)	During Draft EIR phase.

Item	Comment	Action	By Who	By When
	<p>I want to know what are you doing with the old sewage systems?</p> <p><b><u>Response 1: Sewage management</u></b></p> <p>A bulk sewer reticulation system is planned to be constructed which will connect to the existing system. The designs of the reticulation infrastructure will form part of the EIR phase.</p> <p>There are three (3) WWTW in eMalahleni in close proximity to the project development. The nearest wastewater works is Riverview Wastewater Treatment Works (WWTW) which is approximately 8km north of the development. Del Judor Ext 27 sewer flow is treated at this WWTW. The treatment plant has the capacity of treating 11M/day.</p> <p>This WWTW has been earmarked to cater for the effluent flows from the hospital development. Riverview WWTW is currently operating above capacity; however, it is being upgraded by the ELM to allow for additional flows from the community including the hospital. ELM confirmed that this WWTW will be ready to accommodate the hospital sewer waste.</p> <p>The proposed hospital is a new project and not responsible for dealing with the old sewage systems. The old sewage systems remain the responsibility of the ELM.</p>	<p>sewage management are well addressed.</p> <p>The results of the sewage management including the reticulation system to prevent the discharge of sewer waste on surface and watercourses will be shared with interested and affected parties during Draft EIR phase.</p>		
	<p><b><u>Comment 2: Electricity Demand and Usage</u></b></p> <p>How much power is expected to be used from the two main mentioned power supply substations?</p> <p>How much power are you going to draw?</p> <p>And will the substation(s) give you all the power required?</p>	<p>Comments will be communicated with the Electrical Engineer for consideration as part of the</p>	<p>Ralph Repinga (EAP)</p>	<p>During Draft Environmental impact assessment</p>

Item	Comment	Action	By Who	By When
	<p><b><u>Response 2: Electricity Demand and Usage</u></b></p> <p>ELM Technical Services: Electrical Department has confirmed that the required electricity supply for the hospital will be made available from the Doornpoort Substation located about 3.5km from the identified New Witbank Tertiary Hospital site. The Doornpoort Substation feeder line shall be used as the dedicated main primary supply power line. An overhead 22kV power line shall be constructed from Doornpoort substation to New Tertiary Hospital; however, eMalahleni Municipality will have to apply for an increase in Notified Maximum Demand (NMD) from Eskom to cater for the additional required estimated power load for the New Witbank Tertiary Hospital.</p> <p>eMalahleni Electrical Department has confirmed that additional electrical power capacity is available from the Modelpark Substation located about 2.13km from the identified New Witbank Tertiary Hospital site. The Modelpark Substation feeder line shall be used as the dedicated backup supply power line. The supply for the Hospital switch gear will be from the Die Heuwel substation incomer that is supplying Modelpark substation. An overhead 22kV power line shall be constructed from Modelpark substation to New Tertiary Hospital.</p> <p>The project team has undertaken the energy demand for the hospital and this will be incorporated as part of the draft EIR phase.</p>	<p>design input. Results will be shared with interested and affected parties during Draft EIR Phase.</p>		
2.4.	<p>Leigh Soden – Del Judor Community Member</p> <p><b><u>Comment 1: Water Demand</u></b></p> <p>Witbank does not produce enough water for the current population, what are we going to do with Hospital that has 400 beds in need of enough</p>	<p>Comments will be communicated with the Civil Engineer and</p>	<p>Ralph Repinga</p>	<p>During EIR phase.</p>

Item	Comment	Action	By Who	By When
	<p>water, where will the extra water going to come from?</p> <p><b>Comment 2: Influx of people closer to the hospital area</b></p> <p>The Hospital will be attracting informal traders, with all sorts of influx of people with caravans, kids etc. What is going to be done to prevent or monitor such from happening?</p> <p><b><u>Response 1: Water Demand</u></b></p> <p>A detailed water requirement assessment will be undertaken, which will be based on the proposed building units and the number of beds, for the hospital to determine the water demand to ensure that the requirements of the hospital are met. A water reservoir is planned to be constructed as a secondary water storage facility for the hospital to mitigate the impacts of water shortages for the hospital as a result of municipality's water shortages.</p> <p><b>Response 2: Influx of people closer to the hospital area</b></p> <p>A socio-economic assessment will be undertaken as part of the application process. Results of the socio-economic will be discussed during the Draft EIR phase and this will include the management for influx of people including trading in close proximity to the hospital areas.</p>	<p>Socio-Economic specialist and these will be included into the Draft EIR and made available for commenting to the I&amp;APs.</p>		
2.5	<p><u>Nieuwoudt – Del Judor Community Member</u></p> <p><b><u>Comment:</u></b></p> <p>Which kind of glass boil(s) are you going to use to treat all medical infected staff, because I do not see any mitigations on such?</p> <p><b><u>Response:</u></b></p>	<p>Comment will be shared with Air Quality Assessment Specialist.</p>	<p>Ralph Repinga</p>	<p>During Draft Environmental impact assessment</p>

Item	Comment	Action	By Who	By When
	The mitigation measures on the boiler will be discussed in detail during the Draft Environmental Impact Assessment Phase.			
3.6	<p><u>A.S Nieuwoudi – Del Judor Ext 4 Community Member</u></p> <p><b><u>Comment:</u></b> Due to traffic flow and hospital related activities, there will be lot of Noise and what are mitigation in place to combat noise impact?</p> <p><b><u>Response:</u></b> A noise assessment and traffic assessment studies will be undertaken as part of the proposed project, results of the assessments will be shared with registered I&amp;APs during the Draft EIR Phase.</p>	Comments will be communicated with the relevant specialist to ensure that with Traffic Assessment and Noise Assessment specialist.	Ralph Repinga (EAP)	During Draft EIR phase.
2.7	<p><u>Frenchio Collet Serret – Ward 43 Councilor</u></p> <p><b><u>Comment:</u></b> The ward councilor proposed a substation unit be built for the proposed eMalahleni Tertiary Hospital.</p> <p><b><u>Response:</u></b> Comment has been noted and will be shared with the project team for consideration. There are plans to upgrade the substation and construct a dedicated 22 kV powerline from the Doornpoort substation to the proposed site.</p>	Comments will be communicated with the appointed Electrical Engineers for this project and the results will be communicated to the registered I&APs as part of the draft EIR process.	Ralph Repinga	During EIR phase.
2.8	<p><u>Frenchio Collet Serret - Ward 43 Councilor</u></p> <p><b><u>Comment:</u></b> The proposed development will bring a first-class hospital to the eMalahleni municipality, we know that government projects always delay, who is going to put pressure on the public works to get this</p>	No Action Required		

Item	Comment	Action	By Who	By When
	<p>development going because our Municipality is working slowly?</p> <p><b><u>Response:</u></b></p> <p>This project has been prioritized by the Premier of Mpumalanga Province as part of the Health Improvement Projects. The DPWRT and Department of Health will be reporting to the Premier and National Department of Health in terms of the progress for this project to ensure that it is delivered as planned.</p> <p>Licebo Environmental and Mining (Pty) Ltd is only appointed to undertake Environmental Authorisation application process. We can there for not determine the project time frame, however the proposed development is a priority project for the Mpumalanga Department of Health, and we foresee this starting as soon as Environmental Authorisations have been granted and the dedicated contractors appointed.</p>			
2.9	<p><u>Frenchio Collet Serret – Ward 43 Councilor</u></p> <p><b><u>Comments:</u></b></p> <p>Will the local Community get first preference in terms of employment?</p> <p><b><u>Response:</u></b></p> <p>The proposed development is situated within the Nkangala District and eMalahleni Local Municipalities, therefore business and employment opportunities will be given to the local communities in line with the procurements requirements.</p>	Further engagement s will be held with the local communities as part of the project development al stages including prior to the start of construction activities.	Appointed Project's Socio-economic Facilitator	During the phases of the project.
2.10	<p><u>Frenchio Collet Serret – Ward 43 Councilor</u></p> <p><b><u>Comment:</u></b></p>	No Action Required	Igbinigie Eric (Waste Specialist)	

Item	Comment	Action	By Who	By When
	<p>How long will waste be stored at the Hospital? Before it is moved to a designated to a landfill or rightful disposal side or will it be burned.</p> <p><b><u>Response:</u></b></p> <p>The closest hazardous and medical wastes landfill sites are in Gauteng, but there is going to be ongoing Hospital Waste Management Facility on site. The waste by law is not supposed to be stored on site for 30 days and medical waste more than a week. No hazardous or health waste should stay on site more than a week, it should be taken into the relevant designated waste landfill site.</p>			
2.11	<p><u>Willie Denheyer – Del Judor Community Member.</u></p> <p><b><u>Comment:</u></b></p> <p>Suggestion that the Hospital consider to use Solar panels for the power?</p> <p><b><u>Response:</u></b></p> <p>With regards to the solar, there is a plan to use solar as part of the energy mixes for the, but that is dependent on the feasibility of the energy mix assessment that is done by the Electrical Engineer's.</p>	<p>Comment will be communicated with the Electrical Engineer for detailing as part of the proposed energy mixes and the response will be incorporated as part of the EIR phase.</p>	Ralph Repinga	During the EIR phase.
2.12	<p><u>B.S.R King – Del Judor Community Member</u></p> <p><b><u>Comment:</u></b></p> <p>Just on the burning of the waste, those Chimneys there will have fumes and pollution coming out from those chimneys, and that will form waste?</p> <p><b><u>Response:</u></b></p> <p>There is not going to be any form of waste treatment on site. By law, Hospital is no longer</p>	<p>No further action required. But this comment will be incorporated as part of the Solid and sewer</p>	Igbinigie Eric (Waste Specialist)	During the EIR phase.



Item	Comment	Action	By Who	By When
	allowed to treat waste on site, but to remove the waste to a designated landfill site. No burning of waste because that is controverse with the National Environmental Management: Air Quality Act and therefore, is not allowed.	effluent specialist study undertaken as part of this project.		
<b>4.</b>	<b>Closure</b>			
4.1	Bongani Motha indicated that all the inputs and comments of everyone are appreciated and will be communicated with the Specialist and project team to further investigate and the details will be communicated to the I&APs as part of the EIR phase.	No further action.	Bongani Motha	
4.2	Meeting adjourned at 12:00		All	

	<p><b><u>APPROVAL OF MINUTES</u></b></p> <p><b>LEM.....DATE: .....</b></p>	
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# **ANNEXURE H: COMMENTS AND RESPONSE REPORT**

**MPUMALANGA DEPARTMENT OF PUBLIC WORKS, ROADS AND TRANSPORT  
EMALAHLENI TERTIARY HOSPITAL**

**PUBLIC PARTICIPATION PROCESS CHAPTER FOR FINAL ENVIRONMENTAL  
IMPACT ASSESSMENT REPORT AND ENVIRONMENTAL MANAGEMENT  
PROGRAMME**

**Comment and Response Report**

**EA REFERENCE NO.: 1/3/1/16/1N-308**

**LICEBO ENVIRONMENTAL AND MINING (PTY) LTD**

Reg Number: 2009/022180/07  
VAT Number: 4170262838  
Postal Address: P.O. Box 20519, Del Judor Extension 4, Witbank, 1044  
Tel: +27 13 692 0212, Fax: 086 667 1169  
Cell phone: 083 257 8869  
E-Mail: [ralph.repinga@licebo.co.za](mailto:ralph.repinga@licebo.co.za)  
Website: [www.licebo.co.za](http://www.licebo.co.za)

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## Introduction

The Mpumalanga Province Department of Public Works, Roads and Transport (DPWRT) appointed by the Department of Health is intending to construct 400 beds (200 tertiary beds and 200 regional beds) Tertiary Hospital and approximately 75 beds for the future proposed psychiatric ward on Erf 1 of Tswelopele Junction Township, located in Ward 34 of eMalahleni Local Municipality (ELM) and it is planned to be constructed an extent of approximately 35 hectares (Ha) on Erf 1 of Tswelopele Junction Township. This hospital is known as the eMalahleni Tertiary Hospital. The project will be undertaken within the larger 87,99 ha of property with title deed number T32291/1978 & T8409/2019, currently registered to the ELM. Activities to be undertaken will include construction of Medical Wards, Surgical Theatres, Radiology Department, Pathology Lab, Paediatrics Ward, Maternity Wards, Surgical Wards, Medical laboratory, High Care Wards, Emergency or Casualty Unit and Short Stay Ward, Stormwater Management System and Temporary Waste Storage Facilities. Supporting infrastructure to be constructed include:

- Management Offices
- Doctors' suites and medical personnel offices
- Waste management storage yard
- Steam Boilers
- Incinerator
- Security guardhouse
- Parking space
- Sport facilities including soccer fields
- Stormwater management infrastructure
- Internal road infrastructure
- Pump station for sewer reticulation (To connect to the existing municipal sewer reticulation system)

The power supply for the hospital will be from the Doornpoort substation, an overhead 22kV power line will be constructed from Doornpoort substation to New Witbank (eMalahleni) Tertiary Hospital. The Modelpark substation will be used as a backup supply power, an overhead 22kV power line shall be constructed from Modelpark substation to New Witbank (eMalahleni) Tertiary Hospital.

Licebo Environmental and Mining (Pty) Ltd (herein as referred to as '**LEM**') has been appointed as the Environmental Assessment Practitioner by Mpumalanga Province Department of Public Works, Roads and Transport (hereafter referred to as '**MDPWRT**') to

undertake Environmental Authorisation (EA) process involving the Scoping & Environmental Impact Report (S&EIR) and Environmental Management Programme report (EMPr), and Water Use Licence application (WULA) for the eMalahleni Tertiary Hospital.

The purpose of this report is to:

Present a record of stakeholder comments received, which has direct bearing on the proposed project, during engagement methods undertaken below

- Response to newspaper advert, bulk SMS and email notification;
- One-on-one consultations with stakeholders; and
- Written comments on reports.

Table 5: Interested and Affected Parties Comments Summary

<b>Interested and Affected Parties</b>  List the names of persons consulted in this column, and mark with an X where those who must be consulted were in fact consulted.	<b>Date Comments Received</b>	<b>Issues Raised</b>	<b>EAPs response to issues as mandated by the applicant</b>	<b>Section and paragraph reference in this report where the issues and/or response were incorporated</b>
eMalahleni Local Municipality.	X	An agreement between the eMalahleni Local Municipality (the landowner of the affected land) and the Mpumalanga Department of Public Works, Roads and Transport (DPWRT).		Refer to <b>Section 1</b> of the draft EIR and the <b>Title Deed</b> of Landowner details of the Local Authority (EML) and <b>confirmation letter of bulk engineering services</b> by Emalahleni Local Municipality (ELM) as well as the <b>Acknowledgement Letter of Application by Competent Authority</b> (DARDLEA)
Case Officer: Dineo Tswai  Mpumalanga Department of Agriculture Rural	X	04/11/2021  Dineo Tswai indicated that the activities on the pre-application are relevant to what the	All applied activities are relevant for this project.	Refer to the EIR Table of listed activities in <b>Section 6 (Sub-section 6.2)</b>

<b>Interested and Affected Parties</b>  List the names of persons consulted in this column, and mark with an X where those who must be consulted were in fact consulted.	<b>Date Comments Received</b>	<b>Issues Raised</b>	<b>EAPs response to issues as mandated by the applicant</b>	<b>Section and paragraph reference in this report where the issues and/or response were incorporated</b>
Development, Land and Environmental Affairs (DARDLEA)  Email: <a href="mailto:dtswai@mpg.gov.za">dtswai@mpg.gov.za</a>		DPWRT is applying for, she indicated that one activity might not be relevant however suggested that we leave the activity, and the Head offices will advise.		
Joe Mabuza  Mpumalanga Department of Agriculture Rural Development, Land and Environmental Affairs. Email: <a href="mailto:jwmabuza@mpg.gov.za">jwmabuza@mpg.gov.za</a>	X 04/11/2021	Joe Mabuza indicated that as long as volume of the waste yard do not trigger the 80 cubic meter threshold, there is no need to apply for WML. He indicated that waste management mitigation measures need to be in place to ensure that the waste generated from the hospital	A waste specialist has been appointed to determine the potential impacts and mitigation measures that will be put in place during operational phase. The specialist study will be shared with the department for review and commenting.	Refer to <b>6.3.7</b> and <b>7.2</b> of the EIR as well as <b>Annexure P – Solid Waste and Effluent Assessment</b> of the EIR and EMPr

Interested and Affected Parties		Date Comments Received	Issues Raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and/or response were incorporated
			is properly managed.		
Mr. JC Visser  e-mail - <a href="mailto:johancvisser1@gmail.com">johancvisser1@gmail.com</a>  Skype - johancvisser1  Del Judor Ext 4 Resident	X	07/12/2021	I walk the area on a daily basis (since 2000 with the odd exception) as a means of exercise and enjoys the Fauna & Flora as well as the “fresh” air of nature. There are a variety of plants and animals that I come across on a daily basis, which I will miss when the area gets developed. I realise that this had been a privilege on not a right. So, in line with progress and utilisation of an “unused” piece of land, I do not think that	Ecologists have been appointed to undertake the detailed faunal and floral impact assessment relating to this project’s the study area. The results of the specialist study will be shared with you for your consideration as part of the draft Environmental Impact Assessment phase. The assessment identify the faunal and floral species that are occurring within the study area and also propose mitigation measures that will need to be implemented and	Refer to <b>10.3.5</b> and <b>10.3.11</b> of the EIR as well as <b>Annexure G – Biodiversity Flora and Fauna</b> of the EIR and EMPr



<b>Interested and Affected Parties</b>  List the names of persons consulted in this column, and mark with an X where those who must be consulted were in fact consulted.	<b>Date Comments Received</b>	<b>Issues Raised</b>	<b>EAPs response to issues as mandated by the applicant</b>	<b>Section and paragraph reference in this report where the issues and/or response were incorporated</b>
		my personal experience will make any difference to the future of the proposed development. (I, however am not the only person that makes use of the area – other walkers and cyclists randomly makes use of this area as well)	adhered to in order to minimise further impacts that will be caused by this project on the environment. It must be emphasised that the area that is planned to be disturbed will be limited to the indicated 35 ha where the hospital will be developed as per the draft Environmental Impact Report layout plan.	
		Electricity supply has over the years not being very reliable in this area and Eskom's problems leading to regular load shedding events has made it	eMalahleni Local Municipality (ELM) Technical Services: Electrical Department has confirmed that the required electricity supply for the hospital will be made available from the	Refer to <b>6.3.1</b> of the EIR and the <b>Correspondence letter from the local authority (Emalahleni Local Municipality) about the Bulk Infrastructure availability at</b>

<b>Interested and Affected Parties</b>  List the names of persons consulted in this column, and mark with an X where those who must be consulted were in fact consulted.	<b>Date Comments Received</b>	<b>Issues Raised</b>	<b>EAPs response to issues as mandated by the applicant</b>	<b>Section and paragraph reference in this report where the issues and/or response were incorporated</b>
		worse. This will not improve in the very distant future and has come to stay and probably will get even worse! (No comment on the current municipal status) So, I propose that all the buildings/structures be designed in such a way (North facing roofs, rooms that will be dedicated for the equipment, batteries, etc) that the maximum utilisation of Solar energy (electricity & water heating) can and will be installed on all North facing roofs, carports,	Doornpoort Substation located about 3.5km from the identified New Witbank (eMalahleni) Tertiary Hospital site. The Doornpoort Substation feeder line shall be used as the dedicated main primary supply power line. An overhead 22kV power line shall be constructed from Doornpoort substation to New Witbank (eMalahleni) Tertiary Hospital; however, eMalahleni Municipality will have to apply for an increase in Notified Maximum Demand (NMD) from Eskom to cater for the additional required	<b>Tswelopele Junction</b> (New Witbank Tertiary Hospital)

<b>Interested and Affected Parties</b>  List the names of persons consulted in this column, and mark with an X where those who must be consulted were in fact consulted.	<b>Date Comments Received</b>	<b>Issues Raised</b>	<b>EAPs response to issues as mandated by the applicant</b>	<b>Section and paragraph reference in this report where the issues and/or response were incorporated</b>
		etc. Adequate energy storage in terms of batteries will be essential, based on my personal experience regarding a Solar installation. A Coal fired boiler, or such, will be strictly forbidden – LPG and /or electric/Solar? To be mandatory.	estimated power load for the New Witbank (eMalahleni) Tertiary Hospital.  eMalahleni Electrical Department has confirmed that additional electrical power capacity is available from the Modelpark Substation located about 2.13 km from the identified New Witbank (eMalahleni) Tertiary Hospital site. The Modelpark Substation feeder line shall be used as the dedicated backup supply power line. The supply for the Hospital switch gear will be from	

<b>Interested and Affected Parties</b>  List the names of persons consulted in this column, and mark with an X where those who must be consulted were in fact consulted.	<b>Date Comments Received</b>	<b>Issues Raised</b>	<b>EAPs response to issues as mandated by the applicant</b>	<b>Section and paragraph reference in this report where the issues and/or response were incorporated</b>
			<p>the Die Heuwel substation incomer that is supplying Modelpark substation. An overhead 22kV power line shall be constructed from Modelpark substation to New Witbank (eMalahleni) Tertiary Hospital.</p> <p>Furthermore, the architectural design of the hospital has taken into consideration the site slopes, which is general from South to North and the other direction from Southeast to Northwest and also the climatic conditions of this area. Most of the buildings will be</p>	

<b>Interested and Affected Parties</b>  List the names of persons consulted in this column, and mark with an X where those who must be consulted were in fact consulted.	<b>Date Comments Received</b>	<b>Issues Raised</b>	<b>EAPs response to issues as mandated by the applicant</b>	<b>Section and paragraph reference in this report where the issues and/or response were incorporated</b>
			designed to be north and northeast facing in order to benefit from the natural. Refer to the below response on item (c) in terms of the proposed energy sources for the hospital.	
		Surely you may have to allow for stand-by generators as well. Here I suggest that use will be made of petroleum gas (LPG) powered generators instead of the more common Diesel-powered generators. This is a cleaner option in terms of green energy with many other benefits. (But with sufficient	Your suggestion has been noted, the proposed alternative energy sources or energy mixes that are currently planned for the hospital includes electricity, diesel, petrol, solar system and LPG. The diesel and petrol will predominately be used for the mobile equipment. The other energy sources will be used to power the hospital building	Refer to <b>6.3.1</b> of the EIR and the <b>Correspondence letter from the local authority (Emalahleni Local Municipality) about the Bulk Infrastructure availability at Tswelopele Junction</b>

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		battery kWh storage capacity a generator will not be required at all!)	infrastructure. The details in terms of where the different energy mixes will be used will form part of the EIR Phase. The details of the capacities and areas of where these will be used will be shared with you as soon as the information has been made available by the engineering consultants as part of the EIR phase.	
		Water supply is also not very reliable in this area and I suggest that a Tower Reservoir be part of your scope of work – this could also benefit the adjacent Highveld	Your input is highly appreciated, a water requirement assessment will be undertaken, which will be based on the proposed building units and the number of beds, for the hospital to determine the water demand to	Refer to <b>6.3.3</b> of the EIR

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		Mall/Casino complex.	ensure that the requirements of the hospital are met. A water reservoir is planned to be constructed as a secondary water storage facility for the hospital to mitigate the impacts of water shortages within the municipality.	
		Sewerage – last, but probably the most important issue that has to be properly designed/upgraded. I think the current installation in terms of piping and most importantly the pumping station. There must be zero discharge into the stream, or any other	The project will be designed and constructed to ensure that there is zero discharge of effluent into the watercourses. The current bulk sewer system will be upgraded to ensure that capacity of the hospital is catered. There are three (3) WWTW in eMalahleni in close proximity to the project	Refer to <b>6.3.4</b> of the EIR.

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		watercourse at all times!	<p>development. The nearest wastewater works is Riverview Wastewater Treatment Works (WWTW) which is approximately 8km north of the development. Del Judor Ext 27 sewer flow is treated at this WWTW. The treatment plant has the capacity of treating 11M//day.</p> <p>This WWTW has been earmarked to cater for the effluent flows from the hospital development. Riverview WWTW is currently operating above capacity, however, it is being upgraded by the ELM to allow for additional flows from the hospital.</p>	



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		<p>Access Roads – With the proposed link bridge over the N4 Highway through traffic will increase drastically, also because the other bridge is at times overutilized. Linette Str is currently becoming a mess, because it was not designed/built with the intension of the current traffic load in mind. Currently it has been patched hundreds of times (mostly by the community) and with an increase in traffic demand it will just get worse.</p>	<p>The project has considered several options in order to minimise traffic. A detailed traffic impact assessment study will be undertaken to ensure that the impact of traffic is assessed, quantified and managed. The proposed options included the bridge flyover the N4, access from Mandela Street, Linette Street and Ina Avenue.</p> <p>Take note that some of these options will be developed and constructed as part of the municipality infrastructure development.</p>	<p>Refer to <b>6.3.5</b> of the EIR and <b>Annexure O – Traffic Impact Assessment</b> of the EIR and EMPr.</p>

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		This section, as well as the Nita Str section that joins Nelson Mandela Str will have to be totally rebuilt to accommodate the new demand for the many years to come! This does not exclude Ina Str, Engela Str and the link road to DJ Proper.		
Ward 34 Ward Councilor  Mrs. Lizelle Steyn	X	20 January 2022  The proposed development is welcomed however the system (Electrical and water supply systems) are currently under strains. She indicated that utilizing the Model Park	Your input is highly appreciated, and the concern raised about the Model Park Station is noted and will be communicated to the project team, in order to further assess the need for any upgrading of the sub-station to cater for the hospital.	Refer to meeting minutes with Ward 34 Councillor under <b>Annexure H - Public Participation Meeting Presentation</b> of this PPP EIA Chapter report as well as possible mitigations

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		Station is not recommended.	Response By: Bongani Motha.	measures in <b>6.3.1</b> and <b>6.3.3</b> of the EIR.
		The ward 34 community will not agree to any access to the hospital through the suburb of Del Judor Ext 4. She noted that the traffic though Nita Street is currently high as result of Cambridge School and Highveld View Estate.	As this is still the Draft Environmental Impact Phase, different access roads to mitigate traffic have been considered. The current preferred entrance road to the hospital will be from Mandela Street, which is the road adjacent to the mall. The Del Judor Extension 4 roads, once developed by the ELM will be used as secondary roads, mostly for access as part of services and to the hospital residential areas..	Refer to meeting minutes with Ward 34 Councillor under <b>Annexure H - Public Participation Meeting Presentation</b> of this PPP EIA Chapter report as well as possible mitigations measures in <b>6.3.5</b> of the Draft EIR and <b>Annexure O – Traffic Impact Assessment</b> of EIR and EMPr.

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		Will be hawkers' area for selling in the hospital?	Based on the draft conceptual design no area has been designated for hawkers', we will raise this with the project team and consider it during final conceptual design and EIR phase.	Refer to meeting minutes with Ward 34 Councillor under <b>Annexure H - Public Participation Meeting Presentation</b> of this PPP EIA Chapter report
		Have you considered the traffic on the Mandela Drive?	A traffic assessment study will be undertaken as part of the proposed development. The project will not interfere with the ELM development of their infrastructure other than those that will form part of the bulk infrastructure development as part of the hospital development. It is anticipated that the eMalahleni Local	Refer to <b>Annexure O – Traffic Impact Assessment</b> of EIR and EMPr.

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			Municipality will undertake the upgrading of the Mandela Street if required as part of the municipality development.	
		Will there be a taxi rank constructed? She suggested that we consult with the taxi association to limit in fighting between different associations.	A taxi rank is planned to be constructed at the site entrance of the hospital parking area. The concern regarding consultation with the taxi associations is noted and a meeting with the taxi association will be arranged during the Draft Environmental Impact Report phase.	Refer to meeting minutes with Ward 34 Councillor under <b>Annexure H - Public Participation Meeting Presentation</b> of this PPP EIA Chapter report

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Karen Tony  Altener Plumbing	X	When will the tender be issued as they are interested into tendering for plumbing work.	Bongani Motha indicated that the project is currently at EIR Phase and Licebo Environmental and Mining (Pty) Ltd has been appointed as an independent EAP to undertake the environmental authorisation and water use licence processes. He further indicated that the Final Scoping Report was submitted on the 03 <sup>rd</sup> of February 2022 to the competent authority.  Bongani further noted that should the Final Scoping report be accepted, the project will move to Draft Environmental	Refer to meeting minutes with stakeholders <b>Annexure G - Public Participation Meeting</b> of this PPP EIA Chapter report.

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			Impact Phase where a Draft Environmental Impact Report will be issued for 30 days public review and a public meeting be held with all interested and affected parties. He indicated that following this 30-day consultation period, a final Environmental Impact Report will be submitted for review. If the competent authority is satisfied with the content of the EIR an Environmental Authorisation will be granted. Following this phase, the Mpumalanga Department of Public Works,	

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	X		Roads and transport will the issue out a tender.  Altener Plumbing will be added in the stakeholder register and all communication will be shared to Caren via eEmail and bulk SMS.	
Karen Tony  Altener Plumbing	X	20/05/2022  Karen communicated with Ralph Repinga via telephone and wanted to know the current stage and status of the project ,and any planned business	The project just completed the Public Participation Process for the Draft EIR and EMPr from 19 April 2022- 23 May 2022. Today is the last day for comments; the commenting period	Refer to meeting minutes with stakeholders  <b>Annexure G - Public Participation Meeting</b> of this PPP EIA Chapter report.



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		opportunities from the hospital.	<p>has been completed for the EIR and EMPr this means that we will be finalising and submitting to the Department of Agriculture, Rural Development, Land Reform and Environmental Affairs (DARDLEA) for the decision making. Once the decision has been made in case of environmental authorisation has been granted, the appeal process will follow.</p> <p>The processes involving the business opportunities and sourcing of contractors will be undertaken by the Department of Public Works,</p>	

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			Roads and Traffic (DPWRT) as part of the normal government procurement processes once all environmental approvals have been received.	
Andre Fouche	X	12/05/2022	Andre Fouche highlighted that sewer pipeline to be extended from the existing sewer pipeline passing along Nelson Mandela Drive as per the waterline and be connected to the Riverview Wastewater Treatment Works which is approximately 8km north of the development which has the capacity of treating	Ralph Repinga noted that the Project Team engagement with the municipality, ELM indicated that there are current projects which the municipality has undertaken and other still being implemented, and these projects will alleviate the current bulk water and sewer challenges. The hospital project, DPWRT has restricted the project activities for
Refer to meeting minutes with stakeholders <b>Annexure G - Public Participation Meeting Presentation</b> of this PPP EIA Chapter report				

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		11ML/Day. Riverview sewerage plant design capacity 11ML/g while the current operating capacity 16ML/d. With this lack of capacity where is the additional purification and capacity going to be sourced?  He further mentioned that water will be obtained from an existing water pipeline passing through the Nelson Mandela Drive. The existing water pipeline has sufficient capacity to ensure that the hospitals have water. Witbank	the hospital developmental activities and its projected future growth since Tswelopele Junction Township development is a separate project from this one. The sizing and positioning of the bulk infrastructure from the hospital will accommodate the Tswelopelo Junction Township that will be utilising the same areas. The ELM confirmed that the hospital will receive its required water and sewer demands and the proposed augmentation of these bulk services infrastructure will be deemed sufficient in this	

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		Water Purification Works is a Class B plant and it gets water from Witbank Dam. It has a design capacity of 75MI/d and it is currently operating at approximately 80 to 90MI/d. The plant is a conventional design which is mainly aimed at eliminating suspended solids and has limited efficiency on the removal of dissolved solids. With this lack of capacity where is the additional water supply going to be sourced?	regard once all the planned projects have been implemented.  Following the Project Team engagement with the municipality, ELM indicated that there are current projects which the municipality has undertaken and other still being implemented at the Riverview Wastewater Treatment Works, and these projects will alleviate the sewer challenges. The confirmation letter received from the municipality indicate that the hospital will be accommodated at this wastewater treatment works and further	

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		<p>Furthermore, what impact will the proposed development have on the bulk infrastructure such as sewer and water pipelines that are existing within the study area?</p>	<p>augmentation of the sewer works infrastructure will be undertaken to cater eMalahleni's future growth.</p> <p>Electricity: Power supply will be obtained from the two nearby substations, namely Doornpoort substation and Model Park substation. ELM confirmed that power capacity is available in both substations.</p> <p>Doornpoort substation will be used as the main supply power line and the Model Park substation will be the backup station. Powerline to be constructed shall have a capacity to carry up to 9MVA to</p>	

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			How will the construction of the New (Witbank) eMalahleni Tertiary Hospital affect the market value of the nearby (Del Judor) Ext 4 properties?	The undertaken of the property evaluation for the properties that are located in close proximity to the hospital developmental site (Del Judor Extension 4) have been included as part of the EMPr commitment that will need to be conducted.	Refer to meeting minutes with stakeholders <b>Annexure G - Public Participation Meeting Presentation</b> of this PPP EIA Chapter report
Leigh Soden (LD)	X	12/05/2022	The eMalahleni Local Municipality is indebted to Eskom for an	Condition noted, the ELM has committed to the DPWRT and DoH that there is available capacity	Refer to meeting minutes with stakeholders <b>Annexure G - Public Participation</b>

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		<p>amount of R5,9 billion.</p> <p>There is no indication as to where the funding will come from in order to upgrade the infrastructure required in terms of the current requirements of the project. We believe that the eMalahleni Local Municipal should make this information available to the ratepayers</p>	<p>to cater and service the proposed hospital as planned to be constructed within the municipality.</p> <p>These comments have also been sent the municipalities for their considerations and implementation. Furthermore, the project team as committed on the EMPr will ensure that the committed mitigation measures are implemented as planned and issues of deviations and non-compliance will be monitored and reported to the competent authority and also communicated to the public in line</p>	<p><b>Meeting Presentation</b> of this PPP EIA Chapter report</p>

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			with the requirements of Regulation 34 of the EIA Regulations 2014 as amended.	
Clive Hatch	X	27/05/2022	Since it took 20 years for the Tswelopelo Township to be approved how long will this (New Witbank eMalahleni Tertiary Hospital) project take to start?	Refer to meeting minutes with stakeholders <b>Annexure G - Public Participation Meeting Presentation</b> of this PPP EIA Chapter report
			Will there be a Community Liaison Officer appointed from Del Judor 4 appointed to monitor the	
			As part of the construction phase a Community Liaison Officer will be appointed from ELM to monitor the project on behalf of	



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		<p>project on behalf of the residents?</p> <p>Who will be responsible for the statutory monitoring of the issues such as air quality (dust control), impact on the wetlands, surface water etc.?</p> <p>Who will monitor increased decibels (dB) of the sound (noise generation)?</p>	<p>the ELM residencies.</p> <p>The DPWRT will appoint an independent Environmental Control Officer to undertake ECO inspections to ensure that the commitments made by the DPWRT Project Team on the EMPr are complied with. DPWRT will ensure that the committed mitigation measures are implemented as planned and issues of deviations and non-compliance will be monitored and reported to the competent authority and also communicated to the public in line with the</p>	

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			requirements of Regulation 34 of the EIA Regulations 2014 as amended.	
		The presentation mentions a boiler, where will the boiler be situated, and what safety precautions are in place especially in the event of an explosion.	The proposed Boiler position is not near the residential area but is within the hospital facility on the Eastern side and shall be housed within a boiler house structure. The boiler design, position and construction shall meet, all Health and Safety requirements, emissions requirements and standards for pressure vessels as per SANS/SABS. Please see attached Annexure	

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			B for the infrastructure plan showing the location of the boilers and the boilers safety precautions forming part of the operation method statement	
		What provisions are in place to ensure that the hawkers and taxi rank comply with basic health regulations and traffic safety regulation?	The area designated for the taxi rank and hawkers will be monitored as part of this project during the construction and operation phase to ensure that basic health regulations and traffic safety regulation are complied with. Safety and environmental personnel will be appointed for this project as part of the construction	

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			phase to monitor compliance. It should be noted that the compliance to the applicable bi-laws will also been monitored by the ELM during all the phases of the project.	
		<p>There is a concern that the low public participation may be due to the fact that the meeting was held at 17h00 when many residents are still not home from work.</p> <p>In our opinion it is of the utmost importance that a meeting be held where municipal officials are</p>	<p>Comment noted, we will ensure that any future meeting are done for the benefit of all communities. It should be noted that 30 days of consultation was given as required in the EIA Regulations 2014 as amended for ensuring that Interested and Affected Parties were given enough time to comment and give input into the project.</p>	

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		present to explain their decisions.	Furthermore, the comments raised as part of this project has been submitted to the municipality so that the required actions are undertaken and also taking note that these actions as included into the hospital's EMPr will be monitored as part of the project's compliance on the environmental authorisation.	
		The presentation indicates that there are only two access points to the hospital. The first being from Mandela Drive next to the proposed filling station and the second next to	It should be indicated that some of the indicated roads are related to the proposed Tswelopele Junction Township development, which does not form part of the hospital application process. The	

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		<p>the Highveld Mall.</p> <p>These access points provide no problems to the community.</p> <p>The plan for the full Tswelopele Junction development still indicates that Ina and Lynette Streets will be access roads into the township. The main entrance into the proposed tertiary hospital would indicate that an Ina Street entrance would become the entrance of preference for residents from</p>	<p>currently undertaken Traffic Impact Assessment (TIA) gives results and proposed recommendation based on the proposed Tswelopele Junction Township on the specific roads that will form part of the hospital project, however, a site-specific TIA will also be performed following the approval of the Spatial Development Plan (SDP) for the project. (That is, such TIA requires project specifications to be finalised.</p>	

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		<p>the western suburbs.</p> <p>None of the roads in Del Judor Extension 4 was designed or built to carry the amount of traffic to a major hospital or light industrial area.</p> <p>A survey also needs to be undertaken to determine the quantity of traffic that will use the "short cut" from OR Tambo Street to Mandela Drive using Louise Street into Engela Street and Nita Street rather than driving to the OR Tambo/Mandela Drive intersection. In</p>		

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		the draft 2022/2026 IDP it is reported that the Majority of municipal roads are having traffic congestions, aged and dilapidated roads infrastructure which needs upgrading, rehabilitation and maintenance. About 90% of the streets are damaged and required reconstruction and rehabilitation		
Thabo Mnisi	X	12/05/2022	Noted that access road to the hospital will be cause socio-economic impact such as congestion of	The existing road infrastructure was developed by the ELM, but the proposed infrastructure (access road) will
				Refer to meeting minutes with stakeholders <b>Annexure G - Public Participation Meeting</b>



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		people residing within Del Judor Ext 4. How will municipality going to manage the existing issues concerning the existing roads and the proposed road entering the hospital?	be constructed/developed by the MDPWRT and will only be the access road.	<b>Presentation</b> of this PPP EIA Chapter report
		Between the proposed new eMalahleni Tertiary Hospital project and Tswelopele township, what comes first in terms of demand?	Township development is municipal responsibility; the proposed hospital development is MPWRT responsibility. The hospital is the development in terms of the provincial need (stand-alone development referral hospital) not local.	

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Sibonelo Ndlovu (SN)	X	26/05/2022	Have you done a Risk Matrix/ Risk Assessment of the project and what was the Risk Class?	Yes, a Wetland Assessment that contains the Risk Assessment/Risk Matrix was conducted and the Risk Class was found to be Low.	Refer to meeting minutes with stakeholders <b>Annexure G - WUL Meeting</b> of this PPP EIA Chapter report
			SN requested that RR must submit the copy of the Wetland Impact Assessment and the Risk Matrix so that he may submit it to the Instream Water Specialist (DWS Environmental and Recreation Directorate) to review and confirm whether the GA application route is applicable.  Since it was clearly stated that your source	RR noted that the confirmation letter and will send it together with the Wetland Impact Assessment report and the Risk Matrix.	

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		of water for the bulk infrastructure will be from the existing pipeline that belong to the municipality. I would like to see a confirmation letter from the municipality stating that indeed they will be supplying you with water and sewer services.		

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		Will there be any additional water sources you will be sourcing from such as groundwater or abstract from a river or stream? Are you also planning to get water from the municipality for the construction phase of the project?	RR indicated that there will be no other sources of water, but only from the available municipality water supply source as indicated above.	
		The zoning application has the portion of the land been rezoned for institutional development which I believe you might have sent an application to the local authorities?	RR: For this project we have different specialists appointed the by the DPWRT and there is Town Planners that are responsible for the zoning application, so they have already done the necessary applications.  The proposed area was initially known	

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			as Portion 121 of Zeekoewater 311 JS and it has now been registered and proclaimed as Tswelopelo Junction Township in December 2021. The zoning of the site has also been applied for at the municipality.  It should be indicated that all due processes regarding the land use of the site will be adhered to prior to commencement of the hospital construction activities.	
		I believe that the wetland report will guide us on the nature of the scientific studies that needs to be	RR noted that Licebo will send the Wetland Impact Assessment report and the confirmation letter	

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		<p>submitted because there is not much that is required in terms of scientific studies to be submitted when you're going with the GA process.</p> <p>As soon as we receive the wetland report then we can advise whether other specialist studies might be needed as part of the application should it go with the Water Use License route</p>	<p>from the municipality as soon as we are done with the meeting.</p> <p>The zoning information and any additional supporting information will be submitted to DWS as part of the application process.</p>	
		<p>I believe that it is stated in the confirmation letter that the municipality will be your service provider for water and sewer for the</p>	<p>RR noted it is stated that all bulk services will be from the municipality</p>	

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		construction and operational phase?		
		SN stated that DWS will issue an authorisation to the applicant which the DPWRT so we want to ensure that whatever will be happening on the project on site the DPWRT will be aware since the authorisation will be in their name. Once the GA has been issued, the DPWRT will need to ensure that the project complies.	RR mentioned that the application for this project undertaken by DPWRT so only bulk services including potable water and sewer will be supplied by the municipality. To ensure compliance on site there will be an Environmental Control Officer who will be appointed to monitor compliance against the Environmental Authorisation as well as the GA so to ensure that there are no other water sources other than the one that we're committed.	
		As soon as we receive the		

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		Wetland Impact Assessment report, we will go through it with the Instream Water Specialist and finalise whether the application will be GA or a full Water Use License and we will revert with the final decision.		
Adivhaho Rambuda (AR)		26/05/2022  AR requested that this confirmation letter to also reflect that this water will also be available for use as part of the construction to prevent any water being illegal abstracted from the streams and/or boreholes which will not	RR to request the ELM to amend the confirmation letter to include a statement that the water will also be available for use as part of the construction phase of the project. The confirmation letter to be included as part of the GA application	



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		have been authorised as part of this project.	supporting documents	
		She emphasized that's their decision will be based on the risk matrix from the Wetland Impact Assessment report if the application will be a GA or a full water use license and to ensure that everything as required by NWA has been covered.		