**MASA NGWEDI 400 kV and 765 kV TRANSMISSION LINE PROJECT**

**NORTH WEST PROVINCE**

**SECTION E**

Submitted to:

**Mandara Consulting**

Submitted by:

Batho Earth

PO Box 35130, Menlo Park, 0102



DECEMBER 2013

**TABLE OF CONTENTS**

**Page**

[1. INTRODUCTION 3](#_Toc373742875)

[1.1 Objectives 3](#_Toc373742876)

[1.2 Approach and Methodology 3](#_Toc373742877)

[1.3 Limitations and Assumptions 4](#_Toc373742878)

[2. SOCIAL ISSUES 4](#_Toc373742879)

[2.1 Employment Creation 4](#_Toc373742880)

[2.2 Inflow of an Outside Workforce and Jobseekers 6](#_Toc373742881)

[2.3 Construction Camps 7](#_Toc373742882)

[2.4 Potential impact on the land-use 8](#_Toc373742883)

[2.5 Health, Safety and Security 11](#_Toc373742884)

[3. TOWER ANALYSIS AND MITIGATION MEASURES 13](#_Toc373742885)

# INTRODUCTION

Batho Earth was requested to provide inputs relating to the social environment for the Construction and Operational Environmental Management Report for the proposed Masa-Ngwedi 400kV and 765 kV Transmission Power Lines.

The proposed transmission power lines (400 kV and 765 kV) would traverse the Limpopo and North West Provinces between the Masa Substation (formerly known as Delta Substation) near Timbavati/ Lephalale (Limpopo Province) and the Ngwedi Substation (formerly referred to as the Mogwase Substation) near Sun City (North West Province).

The focus of this study was on the southern section of the above mentioned lines that fall within the North West Province from tower positions 259 to 436 for the 765 kV and tower positions 253 to tower positions 417 for the 400 kV line (southwards). The total distance of these lines that run in parallel is approximately 80km. The assessed portion has been separated into two sections of approximately 40km each.

The Construction and Operational EMP was thus also divided into two sections, namely:

* Section D which focuses on an area of approximately 40 km stretching from tower points 259 to 340 for the 765 kV line and tower points 253 to 326 for the 400 kV line[[1]](#footnote-1); and
* Section E, which focuses on an area of approximately 40 km stretching from tower points 341 to 436 for the 765 kV line and tower points 327 to 417 for the 400 kV line.

The proposed transmission power lines are located within the Moses Kotane Local Municipal area and mostly run parallel to existing infrastructure of a similar nature (i.e. servitude for existing transmission power lines).

This report focuses on Section E.

## Objectives

The primary objective of the social study was to ensure that the social issues along the line are attended to by limiting any negative social impacts associated with the construction and operation of the line and by enhancing the positive impacts. This would further serve to assist Eskom and the contractor to prepare the servitude area for construction and to ensure that the transmission power lines operate efficiently and safely. Further objectives were to:

* Identify areas that are socially sensitive environments along the alignment through the use of Google Earth; and
* Determine the status quo of these social sensitive areas;

## Approach and Methodology

The following procedures were implemented to meet the objectives of the study:

* Study and assess the Social Impact Assessment (SIA) undertaken as part of the EIA for the project;
* Deduct information from that SIA to include as mitigation and management measures pertaining to the social environment as part of the EMP;
* Include additional mitigation and management measures pertaining to the social environment in the EMP based on restricted consultation with property owners, and based on the experience of the social specialist.

## Limitations and Assumptions

This study was carried out with the information available to the specialist at the time of executing the study, within the available period provided. The sources consulted are not exhaustive, and additional information that might strengthen arguments or change information in this report might come to the fore.

It was assumed that the detailed social issues were assessed as part of the Social Impact Assessments undertaken during the Environmental Impact Assessment Phase of the project. It is therefore recommended that the report should be read in conjunction with the Social Impact Assessment Reports that were compiled for the Delta-Epsilon project.

The Environmental Record of Decision (RoD) for the project was received in 2012. No information and/or issues relating to appeals or the appeal process with regards to the authorisation were taken into consideration. The Minister’s decision on the appeals is still pending.

# SOCIAL ISSUES

During the construction and operation of the proposed transmission lines various social issues require attention and mitigation. It is imperative to attend to the social issues to ensure good relations between the landowner and/or legal occupier (e.g. lessee or land user), Eskom staff, as well as the local communities, and their community and traditional leaders. Good relations would not only assist in preventing problems if they arise, but would further ensure that issues are rapidly and efficiently dealt with. It is thus further important that the communication channels should be clearly stipulated and that all contact details of the Environmental Control Officer (ECO) and other applicable stakeholders such as Eskom representatives and the Contractors be readily available.

The following measures must be implemented to avoid and mitigate potential negative social impacts. This is applicable for the entire servitude and surrounding affected areas. Specific measures for the towers will be stipulated in Section 3:

## Employment Creation

| **Mitigation: Action/control** | | **Responsibility** | **Timeframe** |
| --- | --- | --- | --- |
| Employment of local community members (e.g. source labour from within the affected municipal area focused on the communities in closest proximity to the construction areas should be undertaken where possible. | | Eskom and Contractor | Pre-Construction |
| A broad-based approach should be followed to identify and involve relevant organisations which could assist the main contractor and Eskom in identifying people whose skills may correspond with the job specifications | | Eskom, Contractor, Moses Kotane Local Municipality and Traditional Council | Pre-Construction |
| Proof of local residence, e.g. Community Tax Certificate (CTC) or certificate of residence should be issued by the Traditional Authority and/or Moses Kotane Local Municipality | | Eskom, Contractor, Moses Kotane Local Municipality and Traditional Council | Pre-Construction |
| An equitable process should be promoted whereby locals and previously disadvantaged individuals and women are taken into account. | | Eskom and Contractor | Pre-Construction |
| Create conditions that are conducive for the involvement of entrepreneurs, small businesses, and SMME’s during the construction process. | | Eskom and Contractor | Pre-Construction and Construction |
| Tender documentation should contain guidelines for the involvement of labour, entrepreneurs, businesses and SMME’s from the local sector. | | Eskom and Contractor | Pre-Construction |
| A local labour desk should be set-up (if not already established) in the beneficiary communities to co-ordinate the process of involving local labour. | | Eskom and Contractor | Pre-Construction |
| Communication efforts concerning job creation opportunities should refrain from creating unrealistic expectations. | | Eskom | Pre-Construction and  Construction |
| **Performance Indicator** | * Job opportunities, especially of low to semi-skilled positions, are primarily awarded to members of local communities. * Locals and previously disadvantaged individuals and women are taken into account during the hiring process. * SMME’s are awarded with contracts during the construction phase. * Labour, entrepreneurs, businesses, and SMME’s from the local sector are awarded with jobs, based on requirements in the Tender Documentation. * The involvement of local labour is promoted. * Reports are not made from members of the local communities regarding unrealistic employment opportunities or that only outsiders were employed. | | |
| **Monitoring** | * Eskom and or appointed ECO must monitor indicators listed above to ensure that they have been met for the construction phase. | | |

## Inflow of an Outside Workforce and Jobseekers

| **Mitigation: Action/control** | | **Responsibility** | **Timeframe** |
| --- | --- | --- | --- |
| Construction workers falling within the semi-skilled to unskilled category should be sourced from the local population where possible | | Eskom, Contractor, Moses Kotane Local Municipality, Traditional Leaders | Pre-Construction |
| Maintain normal working hours (e.g. 7 am to 5 pm on weekdays). | | Contractor and Environmental Control Officer (ECO) | Construction |
| Before construction commences, representatives from the local municipalities, community leaders, traditional leaders and the affected property owners, should be informed of the details of the contractors, size of the workforce and construction schedules. | | Eskom, contractor and ECO | Pre-Construction |
| Landowners should be informed if any changes to the construction schedule occur | | Contractor and ECO | Pre-Construction and Construction |
| Landowners should be informed of when and how towers, steel and equipment and the workforce will be transported. | | Contractor and ECO | Pre-Construction and Construction |
| Security on-site should be active prior to the construction period and should be maintained during the construction phase | | Eskom | Pre-Construction and Construction |
| Construction workers should be easily identifiable by wearing uniforms and even identity tags. | | Contractor and ECO | Construction |
| Care should be taken to avoid conflict between the local communities, landowners and the “outside” workforce. | | Contractor and ECO | Construction |
| Sufficient water and sanitation facilities should be provided for the workers on site during the construction period. | | Contractor and ECO | Construction |
| The applicant, local leaders, traditional leaders and the Moses Kotane Local Municipality should jointly develop a strategy to minimise the influx of jobseekers to the area | | Eskom, local leaders, traditional authority and Moses Kotane Local Municipality | Pre-Construction  Construction |
| Information distributed as part of the existing HIV/Aids awareness campaigns should again be focused on and communicated to the local workforce. | | Eskom & Contractors | Construction |
| Develop a transparent communication and recruitment process to minimise the influx of jobseekers to the area. | | Eskom, local leaders, traditional authority and Moses Kotane Local Municipality and ECO | Pre-construction |
| The recruitment process and the use of contractors should be clearly communicated to the local communities. | | Eskom, Contractor and ECO | Pre-construction |
| The communication strategy should ensure that unrealistic employment expectations are not created. | | Eskom, Contractor and ECO | Pre-construction & Construction |
| **Performance Indicator** | * Reports to the Municipality, traditional leaders or community organisations are not made of the fact that only outsiders are being employed. * The SAP and community organisations do not report any criminal activities that could be associated with the construction phase and construction workers. * The involvement of local labour is promoted. * Reports to the relevant Municipalities, traditional leaders or community organisations are not made of noise, visual or other intrusion impacts. * Sufficient ablution facilities are available and no pollution takes place at the areas where possible jobseekers gather or where the construction workers are housed. * No conflict between outsiders, jobseekers and local community members occur. | | |
| **Monitoring** | * Eskom and/or appointed ECO must monitor indicators listed above to ensure that they have been met for the construction phase | | |

## Construction Camps

| **Mitigation: Action/control** | | **Responsibility** | **Timeframe** |
| --- | --- | --- | --- |
| Construction camps to be established at localities that would not intrude on neighbours and are not near sensitive environmental habitats. | | Eskom and Contractors | Pre-construction |
| Construction camps to preferably be established at existing campsites used for the Spitskop Naledi project | | Eskom and Contractors | Pre-construction |
| The landowner(s) on whose property the construction camp(s) would be established must be properly consulted and should give permission (in writing) that the site could be established. | | Eskom, Contractors and ECO | Pre-construction |
| The construction site and accommodation facility should be properly managed to avoid any environmental pollution (due to inadequate water and waste infrastructure and services) and littering. | | ECO & Contractor | Construction |
| The construction camp should be properly fenced and kept locked to avoid unauthorised entry | | Contractor and ECO | Construction |
| Construction workers to wear identity tags and/or identifiable clothing. | | Contractor and ECO | Construction |
| Provide sufficient ablution facilities | | Contractor and ECO | Construction |
| Provide sufficient potable water | | Contractor and ECO | Construction |
| Dedicate a specific area for fires for cooking purposes (if required) and ensure that all electrical wiring of other cooking equipment complies with the relevant standards | | Contractor and ECO | Construction |
| The construction camp should be equipped with the necessary recreational facilities including a cafeteria, as well as a games and entertainment area. | | Contractor and ECO | Pre-Construction and Construction |
| Embark on an HIV/Aids and Health and Safety Campaign through presentations, posters and even workshops in the local languages | | Contractor and ECO | Pre-Construction and Construction |
| Dispose of solid and general household waste on a regular basis | | Contractor and ECO | Construction |
| Limit noise generating activities to normal working hours, e.g. 7am to 5pm | | Contractor and ECO | Construction |
| Allow local vendors to sell goods at the construction camp, but manage their activities by only allowing local vendors permission to trade in designated areas. | | Contractor and ECO | Construction |
| The construction camp site should be rehabilitated to its original site on completion of the construction process. | | Contractor and ECO | Construction until Maintenance |
| **Performance Indicator** | * Sound environmental management of accommodation facility. * No conflict between outside workforce and local community members | | |
| **Monitoring** | * Eskom and/or appointed ECO must monitor indicators listed above to ensure that they have been implemented | | |

## Potential impact on the land-use

| **Mitigation: Action/control** | | **Responsibility** | **Timeframe** |
| --- | --- | --- | --- |
| Contact with landowners should be well-mannered and the rights of the landowners should be noted. The staff should understand that they are working on privately owned land | | Eskom, Contractor and ECO | Pre-construction and  Construction |
| Eskom should discuss the construction schedule and activities with the affected landowners to enable them to plan their land-use activities accordingly and vice versa | | Eskom, Contractor and ECO | Pre-construction and  Construction |
| Conditions and/or specific requests relating to construction activity raised by property owners should be attended to | | Eskom, Contractor and ECO | Pre-construction and  Construction |
| Where possible, livestock should be moved away from the construction activities for the power line and/or be fenced off for the duration of construction activities in a specific area | | Contractor | Construction |
| The contractors should communicate the construction schedule and heavy vehicle movements to the affected landowners and government departments | | Contractor and landowners | Construction |
| No gates should be left open, fences should not be damaged, removed or dropped. | | Contractor and ECO | Construction |
| The contractor would have to ensure that all gates are kept locked during the construction timeframe | | Contractor and ECO | Construction |
| At points where servitude gates would have to be installed, detailed consultation and approvals from the landowner should be sought. | | Eskom and Contractor and ECO | Pre-Construction |
| Should local road users be affected by the movement of the construction vehicles or by the construction activities taking place across roads, sufficient warning signs should be erected | | Contractor and ECO | Construction |
| All construction vehicles should be in a good condition | | Contractor | Construction |
| Dust creation should be kept to the minimum by adhering to the speed limits on the gravel roads | | Contractor | Construction |
| Additional access roads should be limited. Use existing access as far as possible, especially in areas where land is under cultivation | | Eskom and Contractor | Pre-construction and  Construction |
| Eskom should undergo an intensive consultation process with the affected landowners to determine the best possible routes for the construction of new access routes | | Eskom and Contractor and ECO | Pre-construction and  Construction |
| Photographic evidence should be kept of access roads | | Eskom and Contractor | Pre-construction and  Construction |
| Any damage to fencing, gates and other infrastructure which could occur, should be reported and should be repaired immediately and to the satisfaction of the landowner | | Eskom and Contractor | Construction and Operation |
| Contractors should make sure that no materials and/or equipment or waste products that can harm animals or people are left on the properties after construction activities have been completed | | Contractor | Construction |
| Property owners should be notified of the maintenance activities to be undertaken on their properties | | Eskom | Operation |
| Speeding on the local roads should be avoided for safety reasons and to limit dust creation. | | Eskom | Operation |
| The local access roads should be regularly maintained to keep the local road conditions in a good quality | | Eskom | Operation |
| **Performance Indicator** | * Limited interference with regards to the land use and resource use * No loss of livestock * No noise and dust pollution * No intrusions onto surrounding properties * No damage to gates and/or fences * Limited or no reports from landowners regarding problems with construction activities and workforce * No appeals or delays due to complaints from landowners * No degradation of local roads | | |
| **Monitoring** | * Eskom and appointed ECO must monitor indicators listed above to ensure that they have been implemented. * A complaints register should be kept on site and kept up to date * Contractors should inspect the construction areas on completion of construction * Eskom should be able to demonstrate that the transmission lines are well managed without environmental pollution and that the above requirements have been met | | |

## Health, Safety and Security

| **Mitigation: Action/control** | | **Responsibility** | **Timeframe** |
| --- | --- | --- | --- |
| A Fire/Emergency Management Plan should be developed. It is important that this management plan and associated communication channels are developed at the onset of the construction phase. It would be important to regularly review the functionality and efficiency of such a plan in conjunction with the local emergency teams and affected landowners | | Contractor, Eskom and Moses Kotane Local Municipality | Pre-Construction and Construction |
| Landowners should be informed of the fire/emergency procedure processes and how it could affect them and/or their activities | | Eskom, Contractor | Pre-Construction and Construction |
| The construction camps should be fenced off and measures should be implemented to restrict unauthorised access. | | Contractor | Construction |
| The maintenance of fire breaks is of critical importance | | Contractor | Construction |
| Firefighting equipment should be available on site | | Contractor | Construction |
| Signs must be erected at strategic locations throughout the area, warning residents and visitors about the hazards around the construction sites and the presence of heavy vehicles | | Contractor | Construction |
| Workers should adhere to good conduct at all times to ensure that their presence in the area do not contribute to any possible increase in the existing crime levels found in the area | | Contractor | Pre-Construction and Construction |
| Provide adequate drinking water and appropriate sanitation facilities to the workers at the construction sites | | Contractor | Construction |
| Although the conduct of individuals cannot be easily controlled, the contractor and/or Eskom could assist to limit the risk of the spread of sexually transmitted diseases (STD’s) and/or HIV/Aids by providing additional aggressive awareness campaigns prior to the construction phase. This should be focused on the workforce but also the affected communities within the servitude area. | | Contractor | Pre-Construction and Construction |
| Women not forming part of the workforce should not be allowed to stay at the construction camp where the workforce would be housed | | Contractor | Construction |
| The appointment of local labour (where feasible) could assist to limit the spread of diseases as it would limit the number of outsiders coming to the area | | Contractor | Pre-Construction and Construction |
| **Performance Indicator** | * No criminal activities, incidences of theft are reported * No fires occur * No on-site accidents occur * No long term increase in the prevalence of STDs | | |
| **Monitoring** | * Eskom and appointed ECO must monitor indicators listed above to ensure that they have been implemented. | | |

# TOWER ANALYSIS AND MITIGATION MEASURES

The following table provides an overview of specific social issues that need to be attended to for the construction and operation of the Masa-Ngwedi 400 kV and 765 kV Transmission Lines. This was done per tower position.

Table : Tower Specific Mitigation Measures (400kV : t 327 – 417) (765kV: t 341 - 436)

| **Tower Number** | | **Farm Name** | **Owner Details[[2]](#footnote-2)** | **Social Aspect** | **Mitigation Measures** | **Responsibility** | **Penalty** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **765kV** | **400kV** |  |  |  |  |  |  |
| 341 | 327 | Koedoesspruit 33 JQ / 0 | RSA Government | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 342 | 328 | Koedoesspruit 33 JQ / 0 | RSA Government | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 343 | 329 | Koedoesspruit 33 JQ / 0 | RSA Government | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 344 | 330 | Koedoesspruit 33 JQ / 0 | RSA Government | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 345 | 331 | Koedoesspruit 33 JQ / 0 | RSA Government | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 346 |  | Koedoesspruit 33 JQ / 0 | RSA Government | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 347 | 332 | La Patrie 34 JQ / 0 | SA Native Trust | Servitude in close proximity to Zandfontein settlement | Refer to General Mitigation Measures as discussed.  Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation. | Contractor |  |
| 348 | 333 | La Patrie 34 JQ / 0 | SA Native Trust | Servitude in close proximity to Zandfontein settlement | Refer to General Mitigation Measures as discussed.  Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation. | Contractor |  |
| 349 | 334 | La Patrie 34 JQ / 0 | SA Native Trust | Servitude in close proximity to Zandfontein settlement | Refer to General Mitigation Measures as discussed.  Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation. | Contractor |  |
| 350 | 335 | La Patrie 34 JQ / 0 | SA Native Trust | Servitude in close proximity to Zandfontein settlement | Refer to General Mitigation Measures as discussed.  Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation. | Contractor |  |
| 351 |  | La Patrie 34 JQ / 0 | SA Native Trust | Servitude in close proximity to Zandfontein settlement | Refer to General Mitigation Measures as discussed.  Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation. | Contractor |  |
| 252 | 336 | Leeuwfontein 35 JQ / 0 | RSA Government | Servitude in close proximity to Zandfontein settlement | Refer to General Mitigation Measures as discussed.  Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation. | Contractor |  |
| 353 | 337 | Leeuwfontein 35 JQ / 0 | RSA Government | Servitude in close proximity to Zandfontein settlement | Refer to General Mitigation Measures as discussed.  Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation. | Contractor |  |
| 354 | 338 | Zandfontein 37 JQ / 0 | Bakgatla Tribe | Servitude in close proximity to Zandfontein settlement | Refer to General Mitigation Measures as discussed.  Liaise with Mr. KP Pilane regarding terms and conditions as agreed upon with the affected landowner grouping during servitude negotiation  Contact details:  Mr. K.P. Pilane  Tel: 014-556 7000  Cell: 083 998 4732 / 082 496 7376 | Contractor |  |
| 355 | 339 | Zandfontein 37 JQ / 0 | Bakgatla Tribe | Servitude in close proximity to Zandfontein settlement | Refer to General Mitigation Measures as discussed.  Liaise with Mr. KP Pilane regarding terms and conditions as agreed upon with the affected landowner grouping during servitude negotiation  Contact details:  Mr. K.P. Pilane  Tel: 014-556 7000  Cell: 083 998 4732 / 082 496 7376 | Contractor |  |
| 356 | 340 | Zandfontein 37 JQ / 0 | Bakgatla Tribe | Servitude in close proximity to Zandfontein settlement | Refer to General Mitigation Measures as discussed.  Liaise with Mr. KP Pilane regarding terms and conditions as agreed upon with the affected landowner grouping during servitude negotiation  Contact details:  Mr. K.P. Pilane  Tel: 014-556 7000  Cell: 083 998 4732 / 082 496 7376 | Contractor |  |
| 357 | 341 | Zandfontein 37 JQ / 0 | Bakgatla Tribe | Servitude in close proximity to Zandfontein settlement | Refer to General Mitigation Measures as discussed.  Liaise with Mr. KP Pilane regarding terms and conditions as agreed upon with the affected landowner grouping during servitude negotiation  Contact details:  Mr. K.P. Pilane  Tel: 014-556 7000  Cell: 083 998 4732 / 082 496 7376 | Contractor |  |
| 358 | 342 | Zandfontein 37 JQ / 0 | Bakgatla Tribe | Servitude in close proximity to Zandfontein settlement | Refer to General Mitigation Measures as discussed.  Liaise with Mr. KP Pilane regarding terms and conditions as agreed upon with the affected landowner grouping during servitude negotiation  Contact details:  Mr. K.P. Pilane  Tel: 014-556 7000  Cell: 083 998 4732 / 082 496 7376 | Contractor |  |
| 359 | 343 | Zandfontein 37 JQ / 0 | Bakgatla Tribe | Servitude in close proximity to Zandfontein settlement | Refer to General Mitigation Measures as discussed.  Liaise with Mr. KP Pilane regarding terms and conditions as agreed upon with the affected landowner grouping during servitude negotiation  Contact details:  Mr. K.P. Pilane  Tel: 014-556 7000  Cell: 083 998 4732 / 082 496 7376 | Contractor |  |
| 360 | 344 | Olivenboom 62 JQ / 4 | Moses Kotane Municipality | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 361 | 345 | Olivenboom 62 JQ / 4 | Moses Kotane Municipality | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 362 | 346 | Olivenboom 62 JQ / 4 | Moses Kotane Municipality | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 363 | 347 | Olivenboom 62 JQ / 4 | Moses Kotane Municipality | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 364 | 348 | Olivenboom 62 JQ / 4 | Moses Kotane Municipality | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 365 | 349 | Olivenboom 62 JQ / 4 | Moses Kotane Municipality | Servitude in close proximity to buildings | Refer to General Mitigation Measures as discussed.  Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation |  |  |
| 366 | 350 | Olivenboom 62 JQ / 4 | Moses Kotane Municipality | Servitude in close proximity to buildings | Refer to General Mitigation Measures as discussed.  Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation |  |  |
| 367 | 351 | Olivenboom 62 JQ / 4 | Moses Kotane Municipality | Servitude in close proximity to buildings | Refer to General Mitigation Measures as discussed.  Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation |  |  |
| 368 | 352 | Olivenboom 62 JQ / 4 | Moses Kotane Municipality | Servitude in close proximity to buildings | Refer to General Mitigation Measures as discussed.  Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation |  |  |
| 369 | 353 | Olivenboom 62 JQ / 3[[3]](#footnote-3) | Moses Kotane Municipality | Servitude in close proximity to buildings | Refer to General Mitigation Measures as discussed.  Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation |  |  |
| 370 | 354 | Olivenboom 62 JQ / 3 | Moses Kotane Municipality | Servitude in close proximity to Bodirelo Industrial area situated to the west of servitude | Refer to General Mitigation Measures as discussed.  Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation  Contact the Head of the Department: Planning and Development at Moses Kotane Local Municipality (Mogwase Head Office)  Tel: 014-555 1300 | Contractor |  |
| 371 | 355 | Olivenboom 62 JQ / 3 | Moses Kotane Municipality | Servitude in close proximity to Bodirelo Industrial area situated to the west of servitude | Same as above | Contractor |  |
| 372 | 356 | Olivenboom 62 JQ / 3 | Moses Kotane Municipality | Servitude in close proximity to Bodirelo Industrial area situated to the west of servitude | Same as above | Contractor |  |
| 373 | 357 | Olivenboom 62 JQ / 2 | Moses Kotane Municipality | Servitude in close proximity to Bodirelo Industrial area situated to the west of servitude | Same as above | Contractor |  |
| 374 |  | Olivenboom 62 JQ / 2 | Moses Kotane Municipality | Servitude in close proximity to Mogwase Unit 5 | Refer to General Mitigation Measures as discussed.  Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation  Contact the Head of the Department: Planning and Development at Moses Kotane Local Municipality (Mogwase Head Office)  Tel: 014-555 1300 | Contractor |  |
| 375 | 358 | Olivenboom 62 JQ / 2 | Moses Kotane Municipality | Servitude in close proximity to Mogwase Unit 5 | Same as above | Contractor |  |
| 376 | 359 | Olivenboom 62 JQ / 2 | Moses Kotane Municipality | Servitude in close proximity to Mogwase Unit 5 | Same as above | Contractor |  |
| 377 | 360 | Klipfontein 60 JQ / 6 | Moses Kotane Municipality | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 378 | 361 | Klipfontein 60 JQ / 6 | Moses Kotane Municipality | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 379 | 362 | Klipfontein 60 JQ / 6 | Moses Kotane Municipality | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 380 | 363 | Zanddrift 82 JQ /0 | Makhatle Tribe | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 381 | 364 | Zanddrift 82 JQ /0 | Makhatle Tribe | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 382 | 365 | Zanddrift 82 JQ /0 | Makhatle Tribe | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 383 | 366 | Zanddrift 82 JQ /0 | Makhatle Tribe | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 384 | 367 | Zanddrift 82 JQ /0 | Makhatle Tribe | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 385 |  | Zanddrift 82 JQ /0 | Makhatle Tribe | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 386 | 368 | Zanddrift 82 JQ /0 | Makhatle Tribe | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 387 | 369 | Zanddrift 82 JQ /0 | Makhatle Tribe | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 388 | 370 | Ruffelsfontein 85 JQ / 0 | Moses Kotane Municipality | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 389 | 371 | Ruffelsfontein 85 JQ / 0 | Moses Kotane Municipality | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 390 | 372 | Ruffelsfontein 85 JQ / 0 | Moses Kotane Municipality | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 391 |  | Ruffelsfontein 85 JQ / 0 | Moses Kotane Municipality | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 392 | 373 | Ruffelsfontein 85 JQ / 0 | Moses Kotane Municipality | Servitude in close proximity to sewage works | Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation  Contact the Head of the Department: Infrastructure and Technical Services at Moses Kotane Local Municipality (Mogwase Head Office)  Tel: 014-558 2719 | Contractor |  |
| 393 | 374 | Ruffelsfontein 85 JQ / 0 | Moses Kotane Municipality | Servitude in close proximity to sewage works | Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation  Contact the Head of the Department: Infrastructure and Technical Services at Moses Kotane Local Municipality (Mogwase Head Office)  Tel: 014-558 2719 | Contractor |  |
| 394 | 375 | Ruffelsfontein 85 JQ / 0 | Moses Kotane Municipality | Servitude seems to be traversing cultivated land | Refer to General Mitigation Measures as discussed.  Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation  Contact the Head of the Department: Planning and Development at Moses Kotane Local Municipality (Mogwase Head Office)  Tel: 014-555 1300 | Contractor |  |
| 395 | 376 | Ruffelsfontein 85 JQ / 0 | Moses Kotane Municipality | Servitude seems to be traversing cultivated land | Same as above | Contractor |  |
| 396 | 377 | Ruffelsfontein 85 JQ / 0 | Moses Kotane Municipality | Servitude seems to be traversing cultivated land | Same as above | Contractor |  |
| 397 | 378 | Rhenosterfontein 86 JQ / 0 | Republic of Bophuthatswana | Servitude seems to be traversing cultivated land | Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation | Contractor |  |
| 398 | 379 | Rhenosterfontein 86 JQ / 0 | Republic of Bophuthatswana | Servitude seems to be traversing cultivated land | Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation | Contractor |  |
| 399 | 380 | Rhenosterfontein 86 JQ / 8 | RSA Government | Servitude seems to be traversing cultivated land | Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation | Contractor |  |
| 400 | 381 | Rhenosterfontein 86 JQ / 7 | RSA Government | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 401 |  | Rhenosterfontein 86 JQ / 7 | RSA Government | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 402 | 382 | Rhenosterfontein 86 JQ / 7 | RSA Government | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 403 | 383 | Rhenosterfontein 86 JQ / 7 | RSA Government | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 404 | 384 | Rhenosterfontein 86 JQ / 5 | Mokgatle Property Trust | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 405 | 385 | Rhenosterfontein 86 JQ / 4 | Private / LL Mareume and others | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 406 | 386 | Rhenosterfontein 86 JQ / 1 | Mokgatle Property Trust | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
|  | 387 | Rhenosterfontein 86 JQ / 2 | Private / PM Mafuta and others | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 407 | 388 | Rhenosterfontein 86 JQ / 2 | Private / PM Mafuta and others | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 408 | 389 | Rhenosterfontein 86 JQ / 2 | Private / PM Mafuta and others | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 409 |  | Rhenosterfontein 86 JQ / 2 | Private / PM Mafuta and others | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 410 | 390 | Hartbeestspruit 88 JQ/0 | August Mokhatle Tribe | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 411 |  | Hartbeestspruit 88 JQ/0 | August Mokhatle Tribe | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 412 | 391 | Hartbeestspruit 88 JQ/0 | August Mokhatle Tribe | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 413 | 392 | Waagfontein 89 JQ/0 | Augua Terra Pty Ltd / Kingdom Development Company Pty Ltd | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 414 | 393 | Waagfontein 89 JQ/0 | Augua Terra Pty Ltd / Kingdom Development Company Pty Ltd | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 415 | 394 | Waagfontein 89 JQ/0 | Augua Terra Pty Ltd / Kingdom Development Company Pty Ltd | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 416 | 395 | Waagfontein 89 JQ/0 | Augua Terra Pty Ltd / Kingdom Development Company Pty Ltd | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
|  | 396 | Styldrift 90 Q/0 | Republic of Bophuthatswana | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
|  | 397 | Styldrift 90 Q/0 | Republic of Bophuthatswana | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 417 | 398 | Styldrift 90 Q/0 | Republic of Bophuthatswana | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 418 | 399 | Styldrift 90 Q/0 | Republic of Bophuthatswana | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 419 | 401 | Styldrift 90 Q/0 | Republic of Bophuthatswana | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 420 | 402 | Styldrift 90 Q/0 | Republic of Bophuthatswana | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 421 | 403 | Styldrift 90 Q/0 | Republic of Bophuthatswana | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 422 | 404 | Styldrift 90 Q/0 | Republic of Bophuthatswana | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 423 | 405 | Styldrift 90 Q/0 | Republic of Bophuthatswana | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 424 | 406 | Styldrift 90 Q/0 | Republic of Bophuthatswana | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 426 | 407 | Styldrift 90 Q/0 | Republic of Bophuthatswana | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 427 | 408 | Styldrift 90 Q/0 | Republic of Bophuthatswana | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 428 | 409 | Styldrift 90 Q/0 | Republic of Bophuthatswana | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 429 | 410 | Styldrift 90 Q/0 | Republic of Bophuthatswana | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 430 | 411 | Styldrift 90 Q/0 | Republic of Bophuthatswana | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 431 | 412 | Styldrift 90 Q/0 | Republic of Bophuthatswana | No specific social issues known at this stage | Refer to General Mitigation Measures as discussed. |  |  |
| 432 | 413 | Frischgewaagd 96 JQ 17 | Maseve Investments | Mining in close proximity to the servitude.  Maseve Investments 11 (Pty) Ltd (“Maseve”), a subsidiary of Platinum Group Metals (RSA) (Pty) Ltd (PTM) is proposing the construction and operation of a new underground platinum mining facility and associated infrastructure on their properties. The project will be referred to as the Western Bushveld Joint Venture (WBJV): Project 1 (Maseve). PTM is currently undertaking prospecting on the property. | Refer to General Mitigation Measures as discussed.  Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation  Any entry to Maseve’s / PTM’s properties (Frischgewaagd 96 JQ) needs to be arranged with and approved by the Maseve Safety Manager, Mr. Arkright Phumudzu and the Construction Manager, Mr. Jaco Kleynhans.  Contact details:  Mr. Phumudzu: E-mail: arkright@platinumgroupmetals.co.za  Mr. Kleynhans: E-mail: jaco@platinumgroupmetals.co.za  Cell: 082 821 8874 | Contractor |  |
| 433 | 414 | Frischgewaagd 96 JQ 17 | Maseve Investments | Mining in close proximity to the servitude.  Maseve Investments 11 (Pty) Ltd (“Maseve”), a subsidiary of Platinum Group Metals (RSA) (Pty) Ltd (PTM) is proposing the construction and operation of a new underground platinum mining facility and associated infrastructure on their properties. The project will be referred to as the Western Bushveld Joint Venture (WBJV): Project 1 (Maseve). PTM is currently undertaking prospecting on the property. | Refer to General Mitigation Measures as discussed.  Comply with terms and conditions as agreed upon with the affected landowner during servitude negotiation  Any entry to Maseve’s / PTM’s properties (Frischgewaagd 96 JQ) needs to be arranged with and approved by the Maseve Safety Manager, Mr. Arkright Phumudzu and the Construction Manager, Mr. Jaco Kleynhans.  Contact details:  Mr. Phumudzu: E-mail: arkright@platinumgroupmetals.co.za  Mr. Kleynhans: E-mail: jaco@platinumgroupmetals.co.za  Cell: 082 821 8874 | Contractor |  |
| 434 | 415 | Frischgewaagd 96 JQ 17 | Maseve Investments | Maseve Investments 11 (Pty) Ltd (“Maseve”), a subsidiary of Platinum Group Metals (RSA) (Pty) Ltd (PTM) is proposing the construction and operation of a new underground platinum mining facility and associated infrastructure on their properties. The project will be referred to as the Western Bushveld Joint Venture (WBJV): Project 1 (Maseve). PTM is currently undertaking prospecting on the property. | Same as above | Contractor |  |
| 435 | 416 | Frischgewaagd 96 JQ 17 | Maseve Investments | Maseve Investments 11 (Pty) Ltd (“Maseve”), a subsidiary of Platinum Group Metals (RSA) (Pty) Ltd (PTM) is proposing the construction and operation of a new underground platinum mining facility and associated infrastructure on their properties. The project will be referred to as the Western Bushveld Joint Venture (WBJV): Project 1 (Maseve). PTM is currently undertaking prospecting on the property. | Same as above | Contractor |  |
| 436 | 417 | Frischgewaagd 96 JQ 10 | Platinum Group Metals RSA (Pty) Ltd / PTM | Maseve Investments 11 (Pty) Ltd (“Maseve”), a subsidiary of Platinum Group Metals (RSA) (Pty) Ltd (PTM) is proposing the construction and operation of a new underground platinum mining facility and associated infrastructure on their properties. The project will be referred to as the Western Bushveld Joint Venture (WBJV): Project 1 (Maseve). PTM is currently undertaking prospecting on the property. | Same as above | Contractor |  |

1. For Section D refer to the report: Masa Ngwedi 400 kV and 765 kV Transmission Line Project,

   North West Province: Section D. [↑](#footnote-ref-1)
2. The details of the owners listed here are according to the Eskom database received in November 2013. [↑](#footnote-ref-2)
3. The landowner for the farm Olivenboom is stated as Moses Kotane Municipality as this was the information received from Eskom in November 213. According to specialists involved with the walk down for the CEMPr, and information later received from Eskom this area falls under the jurisdiction of AEL and the Mankwe Nature Reserve. The same is applicable for Olivenboom 62 JQ /4. If that is the case, any visit to the area need to be arranged with Mr. Leon Lewies whereby an induction would have to be undertaken. Due to the game species found on the property, visitors/contractors would have to be accompanied by a representative of Dougall McTavish who is responsible for the environmental aspects of the property. Contact details of Mr. Lewies: E-mail: [leon.lewies@aelms.com](mailto:leon.lewies@aelms.com) and Cell: 082 826 1754. [↑](#footnote-ref-3)