

seeds, green algae and diatoms (Skelton, 2001). Velocity-depth flow preferences include fast-shallow, fast-deep and slow-deep classes, preferred cover being substrate and water column (Kleynhans, 2003). Currently, this fish species is considered to be a species complex, with further genetic studies likely to yield several new species.



Figure 2: *Barbus anoplus* (Chubbyhead Barb) collected within the Klein Olifants River during the present assessment

Barbus neefi (Sidespot Barb; Figure 3), prefers slower flowing watercourses with a variety of cover structures such as overhanging vegetation, undercut banks and substrate cover. Considered to be moderately intolerant to water quality impairment, this fish species is known to occur in tributaries with limited impacts, thereby exhibiting potential as a focal species. *Barbus neefi* migrates during times of rainfall when watercourses become inundated, and require marginal vegetation for spawning to occur successfully.

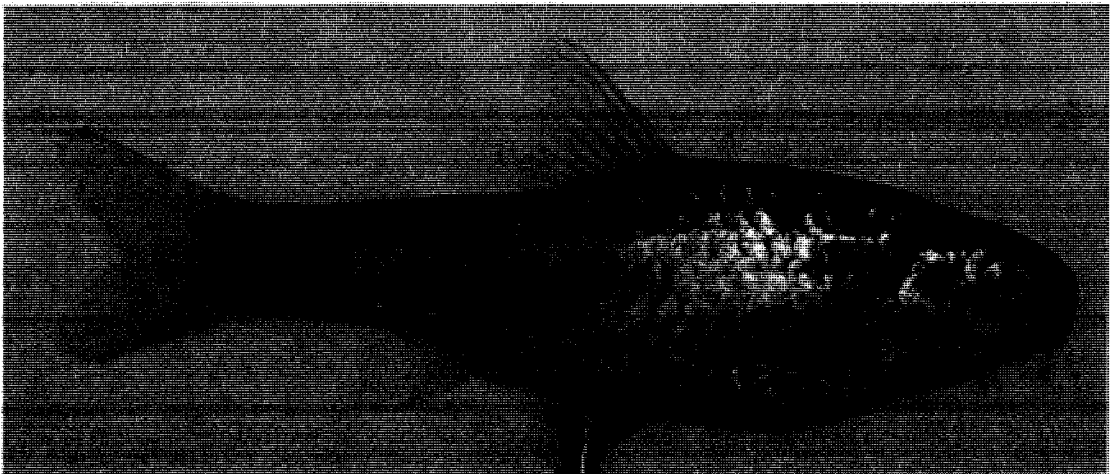


Figure 3: *Barbus neefi* (Sidespot Barb) collected within the Klein Olifants River during the present study

Museum records indicate that two additional species have been collected downstream of the Klein Olifants River study site during a survey conducted in 2001, namely *Tilapia sparrmanii* (Banded Tilapia) and *Pseudocrenilabrus philander* (Southern Mouthbrooder).

No fish were collected at those sites located within the Upper Vaal Water Management Area despite extensive sampling. However, the land owner on whose farm Site C1KXSPKAFE is located indicated that *Clarias gariepinus* (Sharptooth Catfish) and *Cyprinus carpio* (Carp) were present in a dam upstream of the study site, while *Micropterus salmoides* (Largemouth Bass) was present in a downstream dam.

3.4 National Freshwater Ecosystem Priority Areas

In 2004 the first National Spatial Biodiversity Assessment (NSBA) provided the first national assessment of the status of terrestrial, river, marine and estuarine ecosystems. Broad priority areas for biodiversity conservation were identified for terrestrial ecosystems but not for freshwater ecosystems as some critical datasets were unavailable. However, the NSBA highlighted the dire state of river ecosystems in South Africa – much worse than the state of terrestrial ecosystems.

In 2006, a process was initiated to develop cross-sector policy objectives for conserving South Africa's inland water biodiversity. This process led to the definition of a national goal for freshwater conservation policy in South Africa: "to conserve a sample of the full diversity of species and the inland water ecosystems in which they occur, as well as the processes which generate and maintain diversity". Five policy objectives, each with a set of recommendations, were identified in order to achieve this goal:

- Set and entrench quantitative targets
- Plan for the representation of inland water biodiversity
- Maintain the processes which encourage the evolution and persistence of an ecosystem
- Establish a network of inland water conservation areas
- Enable effective implementation

The National Freshwater Ecosystem Priority Areas (NFEPA) project takes forward these objectives in the development of a portfolio of freshwater conservation areas and the mechanisms for its implementation. It aims to identify a national network of freshwater conservation areas and to explore institutional mechanisms for their implementation.

Based on spatial data obtained following extensive aquatic specialist workshops in support of the NFEPA project, many of the sub-catchments in which the study area are located has been identified as an upstream management catchment required to prevent downstream degradation of a fish migration corridor along the Vaal River (Nel & Hill, 2010).

3.5 General Observations

During the course of the present study, a number of bridge crossings established at sites where unchannelled valley bottom wetlands traverse beneath the road were visited. At most of the bridge crossings over wetlands, headcut erosion on the upstream side of the crossings and erosion downstream of the crossings, as well as the formation of plunge pools, was clearly evident along the length of the N11 (Figure 4). Such erosion features were identified as the result of the installation of box culverts. In these instances, the result of erosion of the wetlands essentially results in a loss of the functionality and assimilation capacity afforded to the wetland by means of its structure. In the case of the bridge crossing illustrated in Figure 4b, the plunge pool was approximately 1m below the level of the culvert base.

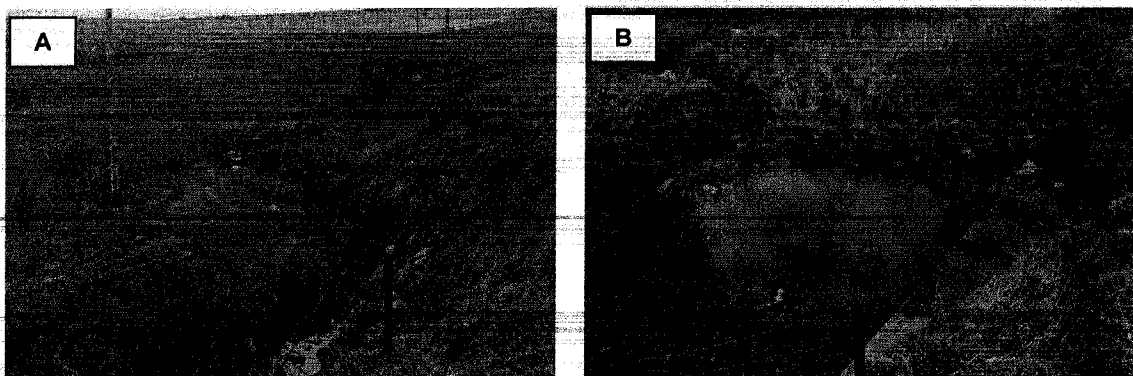


Figure 4: Erosion features observed at box culvert crossings, showing (A) headcut erosion upstream of culverts; and (B) erosion and plunge pool formation downstream of culverts

A single exception to the above observation was noted during the field survey. Structures were established within the watercourse associated with Site C1UNSP-SPITS that included an upstream weir wall (Figure 5) and downstream baffles and a gabion mattress (Figure 6). This mitigated the formation of possible erosion features associated with the installation of the culvert, thus preventing degradation of the aquatic ecosystem associated with the structure. It is strongly recommended that similar structures should be considered at all culverts currently installed and associated specifically with unchannelled valley bottom wetlands. While such structures should not be considered for perennial watercourses associated with the proposed project (see Section 4.2), the installation of the structures within the perennial watercourse associated with Site C1UNSP-SPITS is not regarded as a negative impact due to the presence of a dam directly below the bridge crossing that would otherwise prevent the upstream movement of fish species.

In addition, the presence of what appears to be ferric hydroxide, commonly referred to as "yellowboy", was apparent at many bridge crossings associated with seepage and unchannelled valley bottom wetlands (Figure 7). This substance, normally associated with acid mine drainage, also occurs when iron-rich groundwater seeps from wetlands and oxidizes in the presence of oxygen. Although it is unclear whether its presence within the study area is associated with minewater discharge, it is likely,

based on aerial photographs, that its presence is a natural occurrence from contact of, the groundwater with iron-rich deposits such as coal seams (known to be associated with the general area and the geology) and the subsequent seepage of the groundwater from wetlands.



Figure 5: Installation of a weir wall at Site C1UNSP-SPITS upstream of the bridge crossing to prevent headcut erosion

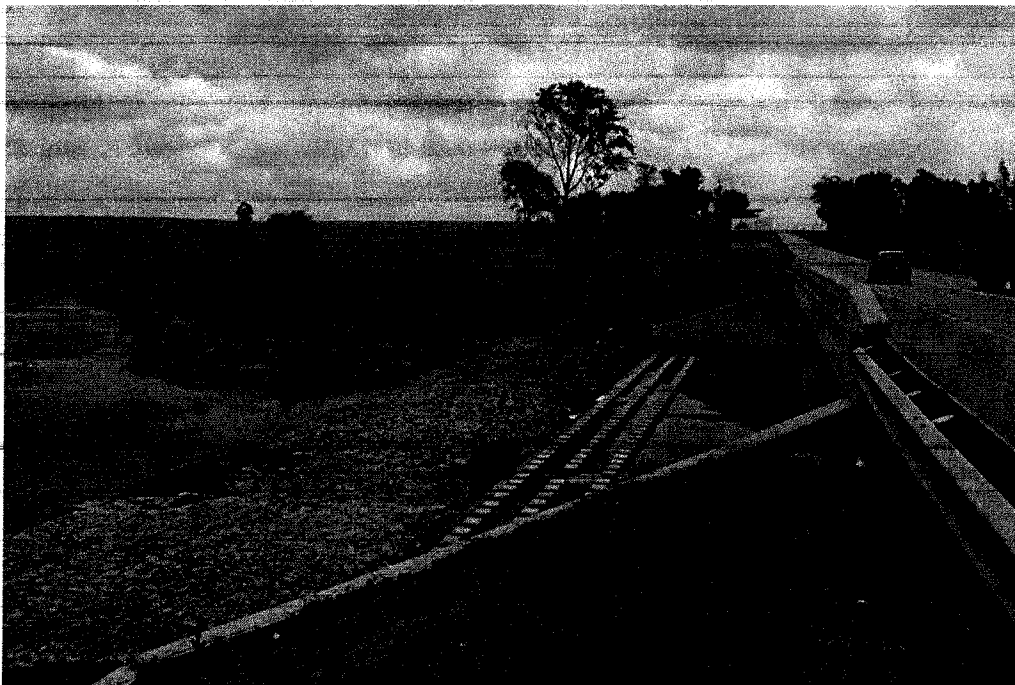


Figure 6: Installation of baffle structures and gabion mattress at Site C1UNSP-SPITS downstream of the bridge crossing to prevent downstream erosion and plunge pool formation



Figure 7: Ferric hydroxide precipitate present at bridge crossings associated with seepage and unchannelled valley bottom wetlands

4. IMPACT ASSESSMENT AND MITIGATION

Any development in a natural system will impact on the surrounding environment, usually in a negative way. The purpose of this phase of the project was therefore to identify and assess the significance of the impacts likely to arise during the construction and the operational phases of the project, and provide a short description of the mitigation required to limit the impact of the proposed development on the natural environment.

4.1 Assessment Criteria

The environmental impacts are assessed with mitigation measures (WMM) and without mitigation measures (WOMM) and the results presented in impact tables which summarise the assessment. Mitigation and management actions are also recommended with the aim of enhancing positive impacts and minimising negative impacts.

In order to assess these impacts, the proposed development has been divided into two project phases, namely the construction and operational phase. The criteria against which these activities were assessed are discussed below.

4.1.1 Nature of the Impact

This is an appraisal of the type of effect the project would have on the environment. This description includes what would be affected and how and whether the impact is expected to be positive or negative.

4.1.2 Extent of the Impact

A description of whether the impact will be local (extending only as far as the servitude), limited to the study area and its immediate surroundings, regional, or on a national scale.

4.1.3 Duration of the Impact

This provides an indication of whether the lifespan of the impact would be short term (0-5 years), medium term (6-10 years), long term (>10 years) or permanent.

4.1.4 Intensity

This indicates the degree to which the impact would change the conditions or quality of the environment. This was qualified as low, medium or high.

4.1.5 Probability of Occurrence

This describes the probability of the impact actually occurring. This is rated as improbable (low likelihood), probable (distinct possibility), highly probable (most likely) or definite (impact will occur regardless of any prevention measures).

4.1.6 Degree of Confidence

This describes the degree of confidence for the predicted impact based on the available information and level of knowledge and expertise. It has been divided into low, medium or high.

4.2 Impact Assessment

Possible impacts associated with the proposed project and their sources are provided in Table 7 (Construction phase) and Table 8 (Operational phase). The reader is to note that the impacts listed below pertain to the perennial watercourses assessed, and do not reflect impacts on wetlands observed to be associated with the proposed project. For a detailed account of impacts associated with wetlands, the reader is referred to the Wetland Impact Assessment conducted in conjunction with the Aquatic Impact Assessment.

Table 7: Possible impacts arising during construction phase

Possible Impact	Source of impact
Increased sediment input	Reshaping of river banks; construction within river channel
Obstruction of migratory aquatic fauna	Construction within river channel
Surface water pollution	Flooding of construction area; construction vehicles; construction camp

Table 8: Possible impacts arising during operation phase

Possible impact	Source of impact
Increased erosion	Increased surface runoff
Obstruction of migratory aquatic fauna	Incorrect culvert structure

4.2.1 Construction Phase

4.2.1.a Increased sediment input

Extent	Duration	Intensity	Probability of occurrence	Significance		Confidence
				WOMM	WMM	
Regional	Short	Low	Probable	Low	Low	High

Description of Impact

Clearance of existing vegetation and exposure of the upper layers of the soil horizon may lead to erosion during times of rainfall, as will the location of borrow pits within the 1-100year floodlines. The transport of eroded soil into surrounding surface water resources will increase the Total Suspended Solids (TSS), which may adversely affect the aquatic fauna in a number of ways. Transport of sediment into watercourses decreases the amount of aquatic habitat available for utilisation due to smothering and increased embeddedness of substrata, resulting in a significant decrease in the aquatic macroinvertebrates observed to be present at any specific time, such as during periods of prolonged saturation.

Various authors (Barton, 1977; Taylor & Roff, 1986; Ogbeibu & Victor, 1989) have assessed the impact of increases in suspended solids and sediment deposition on aquatic macroinvertebrates. Specifically, these studies determined that while no significant change in the abundance of species occurred as a result of such construction activities, a shift in the species composition was noted, and incorporated the concept of invertebrate drift (i.e. the movement of aquatic invertebrates into or out of an area of impact by relinquishment of hold on substrate). However, biotic communities were determined to return to normal within eight months after construction was complete (Dallas and Day, 2004).

Mitigation Measures

- Borrow pits are not to be located within the 1-100year floodline of any watercourses;
- Erect silt curtains on the downslope sides of all construction areas in close proximity to water resources, including wetlands;
- The temporary storage of topsoil, inert spoil, fill, etc. should be above the 20 year floodline or at least 20m from the top of the bank of any drainage lines, whichever is the maximum or as agreed with the Environmental Control Officer (ECO);
- To prevent erosion of material that is stockpiled for long periods, the material must be retained in a bermed area;
- Mulch, roughen or sterile grass seeding can be used on any batter or topsoil stockpile that is to be maintained for longer than 28 days;
- Construct an earth bank around the upslope portion of any stockpiles in order to redirect runoff and prevent scouring of stockpiles;
- Erect a silt fence around any stockpiles in order to trap sediment and prevent stockpile sediment loss;
- Stockpiles should not be higher than 2m to avoid compaction, and single handling is recommended; and
- Dust suppression is necessary for stockpiles older than a month – with either water or a biodegradable chemical binding agent.

4.2.1.b Obstruction of migratory aquatic fauna

Extent	Duration	Intensity	Probability of occurrence	Significance		Confidence
				WOMM	WMM	
Local	Short	Low	Unlikely	Low	Low	High

Description of Impact

Construction activities associated with the bridge may obstruct the possible migration of aquatic biota during such activities as diverting the flow of water in order to conduct work within the channel.

Mitigation Measure

- While no key migratory aquatic species area likely to be present within the watercourses associated with the proposed project, a precautionary approach should still be applied. As such, ensure that no barriers to the migration of aquatic biota are created when conducting work at the bridge sites, and if possible, conduct the proposed activities during times when biota are not likely to utilise migratory routes (i.e. during winter).

4.2.1.c Surface water pollution

Extent	Duration	Intensity	Probability of occurrence	Significance		Confidence
				WOMM	WMM	
Regional	Short	Low	Probable	Low	Low	High

Description of Impact

Hydrocarbon-based fuels or lubricants spilled from construction vehicles, construction materials that are not properly stockpiled, and litter deposited by construction workers may be washed into the surface water bodies. Should appropriate toilet facilities not be provided for construction workers at the construction crew camps, the potential exists for surface water resources and surrounds to be contaminated by raw sewage. While it is acknowledged that the impacts associated with the proposed activities will be negligible, every effort should still be taken limit additional contributions.

Mitigation Measures

- Construction vehicles are to be maintained in good working order, to reduce the probability of leakage of fuels and lubricants;
- A walled concrete platform, dedicated store with adequate flooring or bermed area should be used to accommodate chemicals such as fuel, oil, paint, herbicide and insecticides, as appropriate, in well-ventilated areas;

- Storage of potentially hazardous materials should be above any 100-year flood line, or as agreed with the ECO. These materials include fuel, oil, cement, bitumen etc.;
- Sufficient care must be taken when handling these materials to prevent pollution;
- Surface water draining off contaminated areas containing oil and petrol would need to be channelled towards a sump which will separate these chemicals and oils;
- Oil residue shall be treated with oil absorbent such as Drizit or similar and this material removed to an approved waste site;
- Concrete, if used, is to be mixed on mixing trays only, not on exposed soil;
- Concrete and tar shall be mixed only in areas which have been specially demarcated for this purpose;
- All concrete and tar that is spilled outside these areas shall be promptly removed by the Contractor and taken to an approved dumpsite;
- After all the concrete / tar mixing is complete all waste concrete / tar shall be removed from the batching area and disposed of at an approved dumpsite;
- Storm water shall not be allowed to flow through the batching area. Cement sediment shall be removed from time to time and disposed of in a manner as instructed by the Consulting Engineer;
- All construction materials liable to spillage are to be stored in appropriate structures with impermeable flooring;
- Portable septic toilets are to be provided and maintained for construction crews. Maintenance must include their removal without sewage spillage;
- Portable septic toilets are to be located outside of the 1-100year floodline;
- Under no circumstances may ablutions occur outside of the provided facilities;
- At all times care should be taken not to contaminate surface water resources;
- No uncontrolled discharges from the construction crew camps to any surface water resources shall be permitted. Any discharge points need to be approved by the relevant authority;
- In the case of pollution of any surface or groundwater, the Regional Representative of the Department of Water Affairs (DWA) must be informed immediately;
- Where construction in close proximity to sewer lines is unavoidable then excavations must be done by hand while at all times ensuring that the soil beneath the sewer lines is not destabilised;
- Store all litter carefully so it cannot be washed or blown into any of the water courses within the study area;
- Provide bins for construction workers and staff at appropriate locations, particularly where food is consumed;
- The construction site should be cleaned daily and litter removed;
- Conduct ongoing staff awareness programs so as to reinforce the need to avoid littering; and

- Backfill must be compacted to form a stabilised and durable blanket; and the current load above the sewer lines must at no time be exceeded.

4.2.2 Operational Phase

4.2.2.a Increased erosion.

Extent	Duration	Intensity	Probability of occurrence	Significance		Confidence
				WOMM	WMM	
Regional	Permanent	Low	Possible	Medium	Low	Medium

Description of Impact

Runoff from the road surface may enter into the associated watercourse, resulting in an unnaturally high catchment runoff and increased flooding of downstream areas. Additionally, the incorrect choice of culvert structure may concentrate the water flow, and result in downstream erosion. Finally, the establishment of a culvert with a base higher than that of the associated watercourse will result in the formation of a plunge pool, which may undercut the culvert on the downstream side, eventually leading to a collapse of the culvert structure.

Mitigation Measure

- Should any work be conducted on the culverts present, box culverts are to be used;
- The base of the box culverts should be at least 1m below the bed of the river channel so as to prevent the formation of plunge pools on the downstream side of the bridge;
- The bed of the river channel should be rehabilitated to the correct height following culvert installation; and
- An ecologically-sensitive stormwater management plan should be developed that does not allow concentrated stormwater to enter into the watercourse, but instead makes use of flow diffusers and retention areas.

4.2.2.b Obstruction of migratory aquatic fauna

Extent	Duration	Intensity	Probability of occurrence	Significance		Confidence
				WOMM	WMM	
Regional	Permanent	Low	Possible	Medium	Low	High

Description of Impact

The establishment of a culvert with a base higher than that of the associated watercourse will result in the formation of a plunge pool, which may undercut the culvert on the downstream side, eventually leading to a collapse of the culvert structure. This will lead to a lack of continuity within the river, resulting in the

prevention of faunal movement between the upstream and downstream reaches of the river.

Mitigation Measure

- Should any work be conducted on the culverts present, box culverts are to be used;
- The base of the box culverts should be at least 1m below the bed of the river channel to prevent the formation of plunge pools on the downstream side of the bridge;
- The bed of the river channel should be rehabilitated to the correct height following culvert installation; and
- An ecologically-sensitive stormwater management plan should be developed that does not allow concentrated stormwater to enter into the watercourse, but instead makes use of flow diffusers and retention areas.

5. CONCLUSION AND RECOMMENDATION

Based on the results obtained during the assessment of watercourses associated with the proposed upgrade of the N11 between Ermelo and Hendrina, it was concluded that all perennial watercourses were in a seriously impaired state at the time of the field survey. However, this was expected based on the lack of rainfall prior to the field survey and the timing of the survey, the position of the sites within the upper reaches of their catchments and the presence of numerous wetlands feeding the watercourses which would release a steady flow of water into the watercourses, thus not facilitating the formation of complex and diverse habitat structures within the watercourses. Nevertheless, a number of taxa considered to be moderately sensitive to water quality impairment were collected, and a general observation made with regards to the ecological state of the watercourse and its location in relation to urbanised centres.

Additionally, structures were observed to have been established within the watercourse associated with Site C1UNSP-SPITS that included an upstream weir wall and downstream baffles and a gabion mattress. This mitigated the formation of possible erosion features associated with the installation of the culvert, thus preventing degradation of the aquatic ecosystem associated with the structure. It is strongly recommended that similar structures should be considered at all culverts currently installed and associated specifically with unchannelled valley bottom wetlands. While such structures should not be considered for perennial watercourses associated with the proposed project, the installation of the structures within the perennial watercourse associated with Site C1UNSP-SPITS is not regarded as a negative impact due to the presence of a dam directly below the bridge crossing that would otherwise prevent the upstream movement of fish species.

It is recommended that all borrow pits be located outside the 1-100year floodlines of any watercourse, including wetlands. These floodlines are essential for maintaining faunal movement corridors and providing a buffer against adjacent impacts. It is further recommended that once the location of satellite camps and all associated areas outside of the road reserve have been identified and confirmed, an opinion regarding the impacts on possible associated watercourses and the development of mitigation measures to minimise the impacts is required.

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APPENDICES

- Appendix 1: Methodology
- Appendix 2: Site Photographs
- Appendix 3: Aquatic Macroinvertebrates

APPENDIX 1: METHODOLOGY

Invertebrate Habitat Assessment System (IHAS), Version 2.2

Assessment of the habitat available for aquatic macroinvertebrate colonization and the habitats sampled during rapid biomonitoring practices are vital in the correct interpretation of results obtained following biological assessments. Previous methods of determining habitat were not specific to rapid biomonitoring assessments, and were far too variable in their approach to achieve consistency amongst users.

The Invertebrate Habitat Assessment System (IHAS) was developed by McMillan (1998), and has routinely been used in conjunction with the South African Scoring System (SASS) as a measure of the variability in the amount and quantity of aquatic macroinvertebrate biotopes available for sampling. The habitat scoring system is based on 100 points (or percentage), and is split into two sections, namely the sampling habitat (comprising 55% of the total score) and the general stream characteristics (comprising 45% of the total score). Summation of the scores obtained for the two sections will provide an overall habitat percentage, which can be categorised according to the following values (Peter McMillan, *personal communication*, 2006):

IHAS Score (%)	Description
>75	Very good
65-74	Good
55-64	Adequate / Fair
<55	Poor

It has, however, become clear that the IHAS requires field validation and testing, and results obtained should be interpreted with care. Nevertheless, the IHAS does still provide a convenient and rapid method to record details about aquatic macroinvertebrate biotopes sampled during SASS application.

Aquatic macroinvertebrates

Aquatic macroinvertebrates were sampled at selected watercourses associated with the proposed project. Aquatic macroinvertebrates were sampled utilising methodology based on the qualitative kick method called SASS5 (South African Scoring System, version 5). The SASS5 method takes into account the various habitats available to macroinvertebrates (Gravel/Sand/Mud, Stones and Vegetation) and attempts to record the diversity and abundances of the macroinvertebrates utilizing those habitats by means of representative sampling.

The collection of aquatic macroinvertebrates by means of the SASS5 method is done by churning up the sediment/gravel, kicking over stones and disturbing both aquatic and marginal vegetation, where available. Organisms are then collected by means of sweeping a 1000 micron net mounted on a 300mm square net over the disturbed area, and identified to family level (Thirion *et al*, 1995; Davies & Day, 1998; Dickens & Graham, 2001; Gerber & Gabriel, 2002).

During the present study, the MIRAI (Macro Invertebrate Response Assessment Index) was used to determine the present ecological state of aquatic macroinvertebrates within the study area. This was done by integrating the ecological requirements of the aquatic macroinvertebrate taxa in a community or assemblage and their response to modified habitat change (Thirion, 2008). Also taken into account during the assessment of the PES was the presence and abundance of the aquatic macroinvertebrates relative to a derived expected list likely to be present under natural, unimpacted conditions.

The four metric groups utilised during the application of the MIRAI were then combined within the model to derive the PES Class of the river in terms of aquatic macroinvertebrates. The allocation protocol is presented in Table 9.

Chutter (1998) developed the SASS protocol as an indicator of water quality. It has since become clear that SASS gives an indication of more than mere water quality, but rather a general indication of the present state of the invertebrate community. Because SASS was developed for application in the broad synoptic assessment required for the River Health Programme (RHP), it does not have a particularly strong cause-effect basis. The aim of the MIRAI, on the other hand, is to provide a habitat-based cause-and-effect foundation to interpret the deviation of the aquatic invertebrate community (assemblage) from the reference condition (Thirion, 2008). This does not preclude the calculation of SASS scores should they be required. However, the recent tendency is to use the MIRAI even for River Health Programme purposes, and it is now the preferred approach (Thirion, 2008).

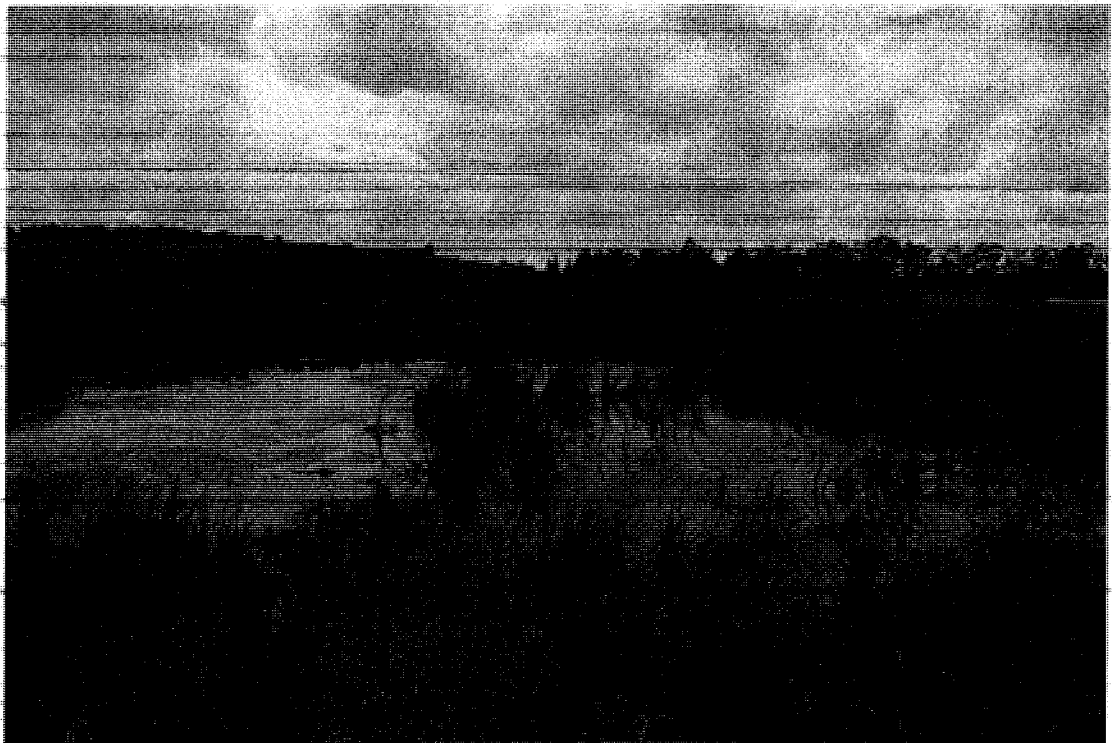
Table 9: Allocation protocol for the determination of the Present Ecological State for aquatic macroinvertebrates following application of the MIRAI

MIRAI Percentage	Category	Description
>89		Excellent Unimpaired; community structures and functions comparable to the best situation to be expected. Optimum community structure for stream size and habitat quality.
80-89	B	Very Good – Minimally impaired; largely natural with few modifications. A small change in community structure may have taken place but ecosystem functions are essentially unchanged.
60-79		Good – Moderately impaired; community structure and function less than the reference condition. Community composition lower than expected due to loss of some sensitive forms. Basic ecosystem functions are still predominantly unchanged.
40-59		Fair – Largely impaired; fewer families present than expected, due to loss of most intolerant forms. An extensive loss of basic ecosystem function has occurred.
20-39	E	Poor – Seriously impaired; few aquatic families present, due to loss of most intolerant forms. An extensive loss of basic ecosystem function has occurred.
<20		Very poor – Critically impaired; few aquatic families present. If high densities of organisms, then dominated by a few taxa. Only tolerant organisms present.

Appendix 2: Site photographs



C1UNSP-ERMEL



C1UNSP-SPITS



C1KXSP-KAFFE



B1KOLI-TWEEF

Appendix 3: Aquatic Macroinvertebrates

Abundances:

1 = 1 individual

A = 2 – 10 individuals

B = 11 – 100 individuals

C = 101 – 1000 individuals

D = >1000 individuals

Taxon	Ref abun	C1UNSP-ERMEL	C1UNSP-SPITS	C1KXSP-KAFFE	B1KOLI-TWEEF
Aeshnidae	A	1	1		
Ancylidae	A			A	
Athericidae	1				
Atyidae	A			B	
Baetidae >2spp	B				B
Baetidae 1sp		A		B	
Belostomatidae	B		A		
Bulininae	A	B		A	
Caenidae	B			B	B
Ceratopogonidae	A		A		
Chironomidae	A	A	A	A	A
Coenagrionidae	B	A	A	1	A
Corbiculidae	A				
Corixidae	B	A	B	B	B
Culicidae	1				
Dixidae	A			A	
Dytiscidae/Noteridae	A	B	1	A	
Ecnomidae	A				
Elmidae	A				
Gerridae	A	A		1	A
Gomphidae	A				A
Gyrinidae	A			A	A
Haliplidae	A				
Hirudinea	A	A	B		
Hydracarina	A	A	A	A	
Hydraenidae	A				
Hydrometridae	A				A
Hydrophilidae	A				
Hydropsychidae 1sp					
Hydropsychidae 2spp	A				
Hydroptilidae	A				
Leptoceridae	A				
Lestidae	A			A	

Libellulidae	A	1	A	A	
Lymnaeidae	A				
Muscidae	A				
Naucoridae	A		1		
Nepidae	A				
Notonectidae	A		A		
Phaenocarpa	A			A	A
Physidae					
Planorbinae	A		A		
Pleidae	A		B	1	
Porifera	A				
Potamonautidae	A	A			1
Pyralidae (Crambidae)					
Simuliidae	A				1
Sphaeridae	A				B
Tabanidae	1				
Tipulidae	1				
Tricorythidae	A				
Turbellaria	A				
Veliidae/Mesoveliidae	A				1
SASS5 Score		52	62	86	66
No of taxa		12	14	17	14
ASPT		4.33	4.43	5.06	4.71



Appendix E: Public Participation Information

APPENDIX 1 - PROOF OF SITE NOTICE



**NOTICE OF BASIC ASSESSMENT, WATER USE
LICENCE AND MINING PERMIT APPLICATIONS FOR THE
PROPOSED REHABILITATION OF THE N11 AND R38
BETWEEN ERMELO AND HENDRINA, MPUMALANGA
PROVINCE
(WORK PACKAGE 2)**



**INVITATION TO COMMENT AND REGISTER AS INTERESTED AND
AFFECTED PARTY**

SEF Ref No: 503918

Department of Environmental Affairs Ref No: 12/12/20/2078

Notice is given in terms of Regulations published in Government Notice R.543 in Government Gazette No.33306 of 18 June 2010, under Section 24(5) of the National Environmental Management Act, 1998 (Act No.107 of 1998), as amended, that **Eskom** proposes to upgrade the R38 and N11 between Ermelo and Hendrina, which starts at the intersection of the R38 and the R542 to the intersection of Beukes and Church Street in Hendrina and ends at the intersection of the N11 and Fourie Street (N17) in Ermelo. The upgrade will provide a suitable pavement and minor widening of the road to bring it up to

current national road standards. The length of the total project is 55.69 km and 6 km of single carriageway road.

In terms of Sections 24 and 24(D) of the Act, as read with Government Notices R.543 (Regulations 21 – 25) and R.544 {item 9, 11, 37, 39 and 47}, a Basic Assessment is required for:

Item 9: The construction of facilities or infrastructure exceeding 1 km in length for the bulk transportation of water, sewage or storm water: (i) with an internal diameter of 0.36 meters or more; or (ii) with a peak throughput of 120ℓ per second or more, excluding where: (a) such facilities or infrastructure are for bulk transportation of water, sewage or storm water or storm water drainage inside a road reserve; or (b) where such construction will occur within urban areas but further than 32 m from a watercourse, measured from the edge of the watercourse.

Item 11: The construction of (i) canals; (ii) channels; (iii) bridges; (iv) dams; (v) weirs; (vi) bulk storm water outlet structures; (vii) marinas; (viii) jetties exceeding 50 m² in size; (ix) slipways exceeding 50 m² in size; (x) buildings exceeding 50 m² in size; or (xi) infrastructure or structures covering 50 m² or more, where such construction occurs within a watercourse or within 32 m of a

watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.

Item 37: The expansion of facilities or infrastructure for the bulk transportation of water, sewage or storm water where – (i) the facility or infrastructure is expanded by more than 1 km in length; or (ii) where the throughput capacity of the facility or infrastructure will be increased by 10% or more, excluding where such expansion: (a) relates to transportation of water, sewage or storm water within a road reserve; or (b) where such expansion will occur within urban areas but further than 32 m from a watercourse, measured from the edge of the watercourse.

Item 39: The expansion of (i) canals; (ii) channels; (iii) bridges; (iv) weirs; (v) bulk storm water outlet structures; marinas; within a watercourse or within 32 m of a watercourse, measured from the edge of a watercourse, where such expansion will result in an increased development footprint but excluding where such expansion occur behind the development setback line.

Item 47: The widening of a road by more than 6 m, or the lengthening of a road by more than 1 km, (i) where the existing reserve is wider than 13.5 m; or (ii)

where no reserve exists, where the existing road is wider than 8 m, excluding widening or lengthening occurring inside urban areas.

Activities requiring a Water Use Licence as required by Section 21 of National Water Act, 1998 (Act No.36 of 1998) are as follows: a) taking water from a water resource, b) storing water, c) impeding or diverting the flow of water in a watercourse, i) altering the bed, banks, course or characteristics of a watercourse, and j) removing, discharging or disposing of water found underground if it is necessary for the efficient continuation of an activity or for the safety of people.

In order to obtain materials for the road construction and surfacing, the opening of a hard rock quarry and borrow pits are also required. A Mining Permit application in terms of Section 27 of the Minerals Petroleum Resources Development Act, (Act No. 28 of 2002) (MPRDA) will be submitted to the Department Mineral Resources.

To participate by contributing comments in this process, or to obtain more information, please contact Strategic Environmental Focus (SEF) on or before **Monday, 10 January 2010** as follows:

STRATEGIC ENVIRONMENTAL FOCUS (PTY) LTD

Attention: Jessica de Beer /
Bongi Mhlanga

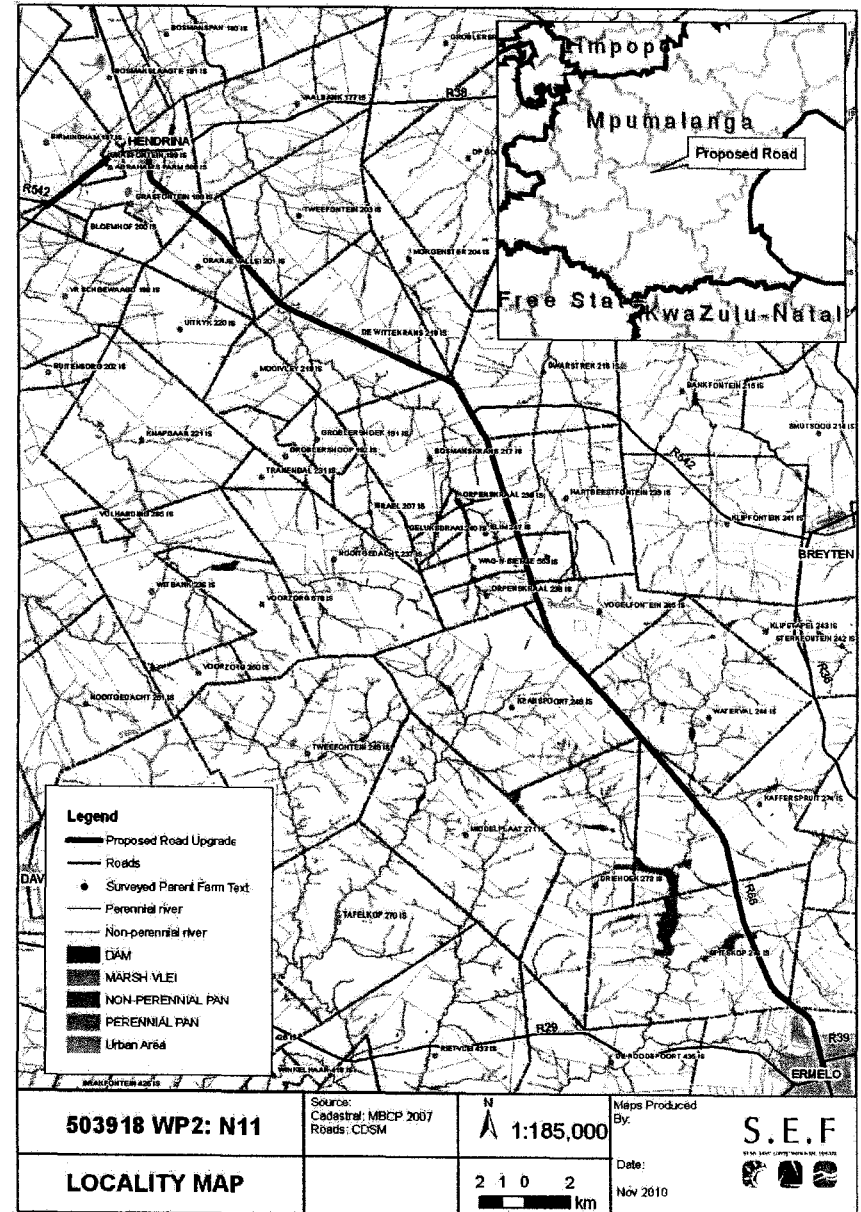
Tel: (012) 349 1307

Fax: 086 640 5815 /
012 349 1229

E-mail: ctu@sefsa.co.za

Post: PO Box 74785
Lynnwood Ridge
PRETORIA
0040

PUBLICATION DATE:
Monday, 22 November 2010



SEF Ref No: 503918

Work Package 2: N11 between Ermelo and Hendrina



PROOF OF SITE NOTICE LOCATIONS: ERECTION DATE: 25, 26 and 30 November 2010

LOCATION (STREET NAME)	NAME OF THE PUBLIC PLACE
Church Street 44, Hendrina	Pick n Pay Hendrina
Beukes Street 25, Hendrina	Burgers's Garage
Church Street 30, Hendrina	Hendrina Library
Oaks Shopping Centre, 40 Church Street, Ermelo	Highveld Liquor, next to Checkers, Ermelo
Corner of Church and Fourie Street, Ermelo	Street corner
Corner of Mabuza and Magwaza Street, Wesselton	Msukaligwa Local Municipality, Wesselton
861 Mabuza Street	Wesselton Library
Corner of Church and Taute Street, Ermelo	Ermelo Library

SEF Ref No: 503918

Work Package 2: N11 between Ermelo and Hendrina




PROOF OF SITE NOTICE LOCATIONS: ERECTION DATE: 25, 26 and 30 November 2010

LOCATION (STREET NAME)	NAME OF THE PUBLIC PLACE
Corner of Church and Pet Street, Ermelo	Street corner
T-junction of N11 and D1217	Access road from the N11 midway between Ermelo and Hendrina

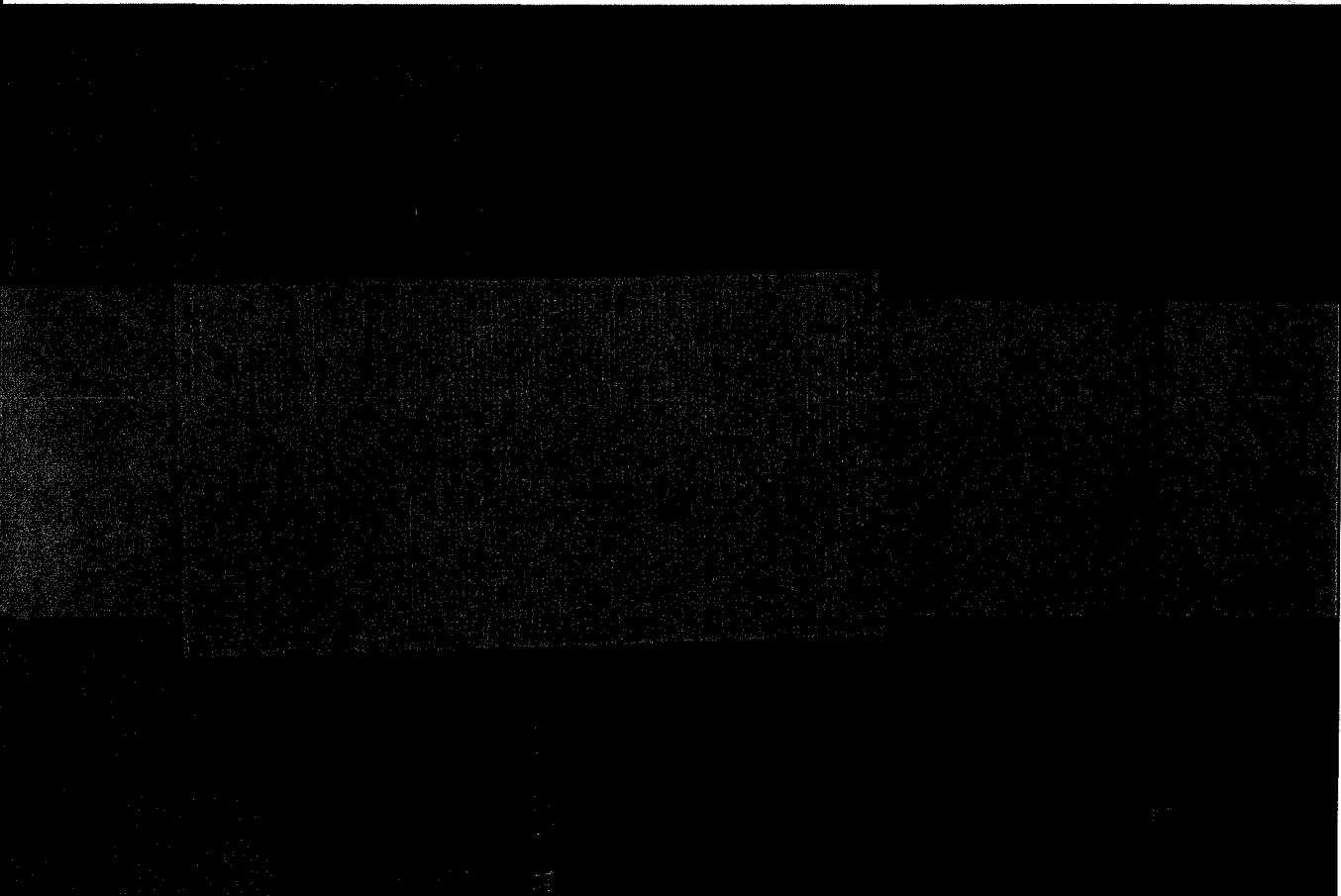
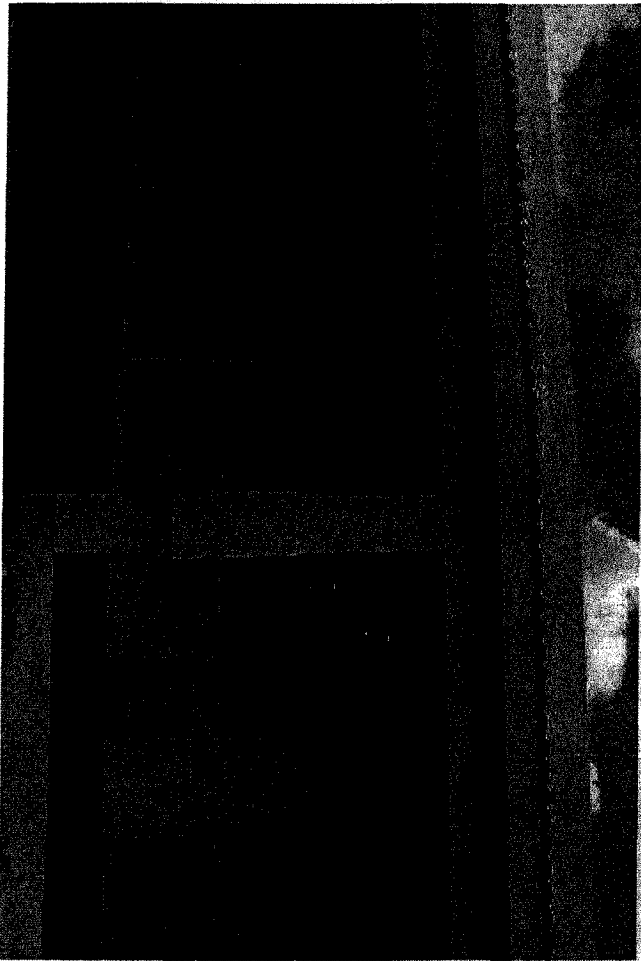
Work Package 2: N11 between Ermelo and Hendrina

PROOF OF SITE NOTICE LOCATIONS: ERECTION DATE:

25 and 30 November 2010

Site Notice Location	Close up
	

Burgers's Carriage



MEMBERSHIP HOURS
MEMORIAL
LIBRARY

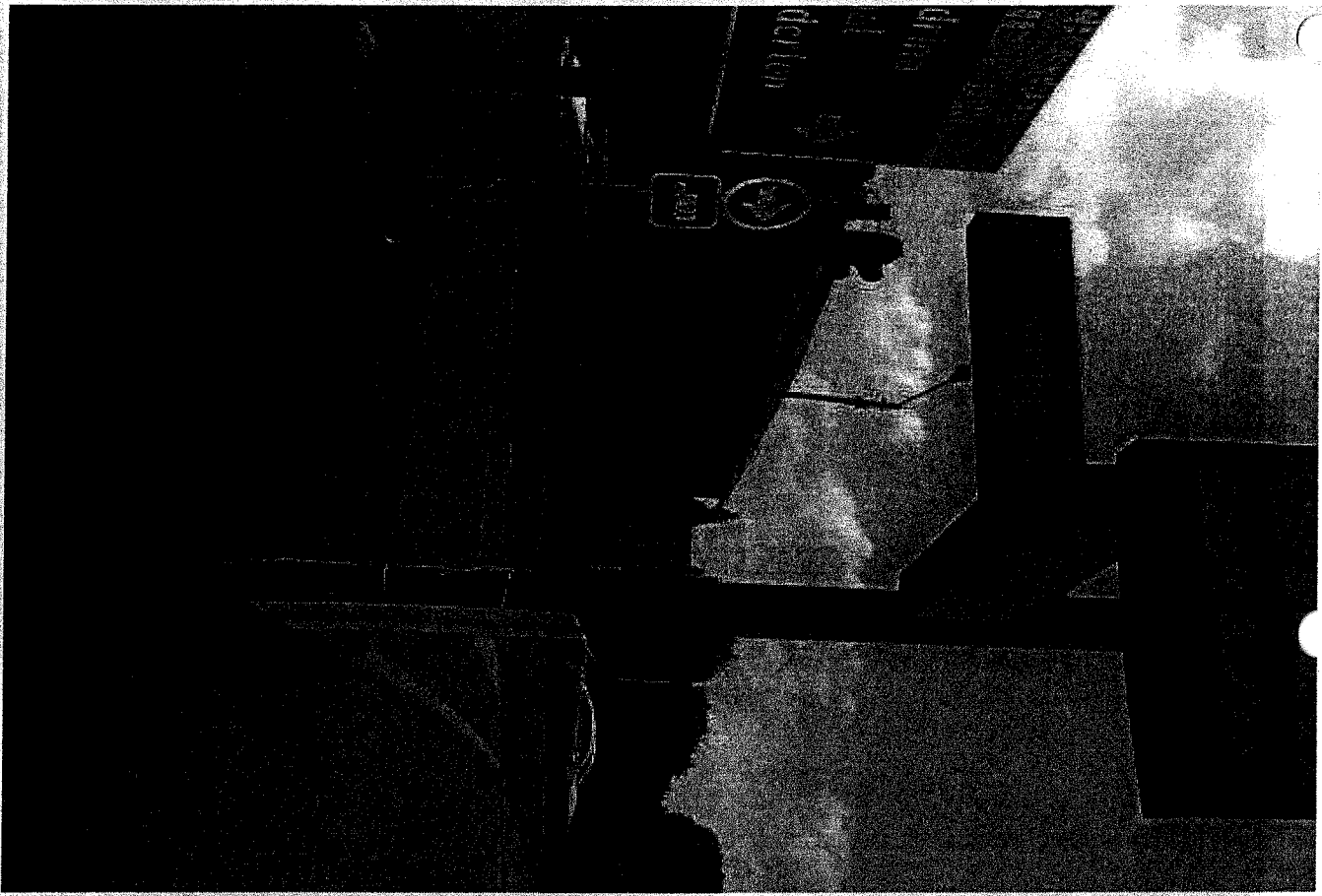
MONDAY	THURSDAY	09:00	16:30
FRIDAY		09:00	18:30
SAT		09:00	12:00

Hendrina Library

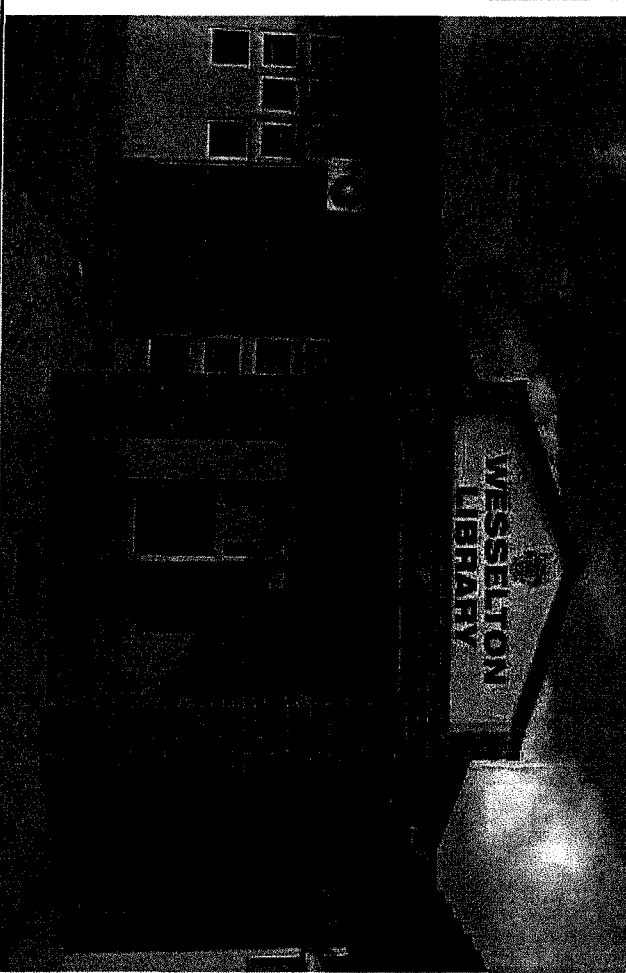
HIGHWELD
LIQUOR

Highweld Liquor, Mexico Crackers, Etc.

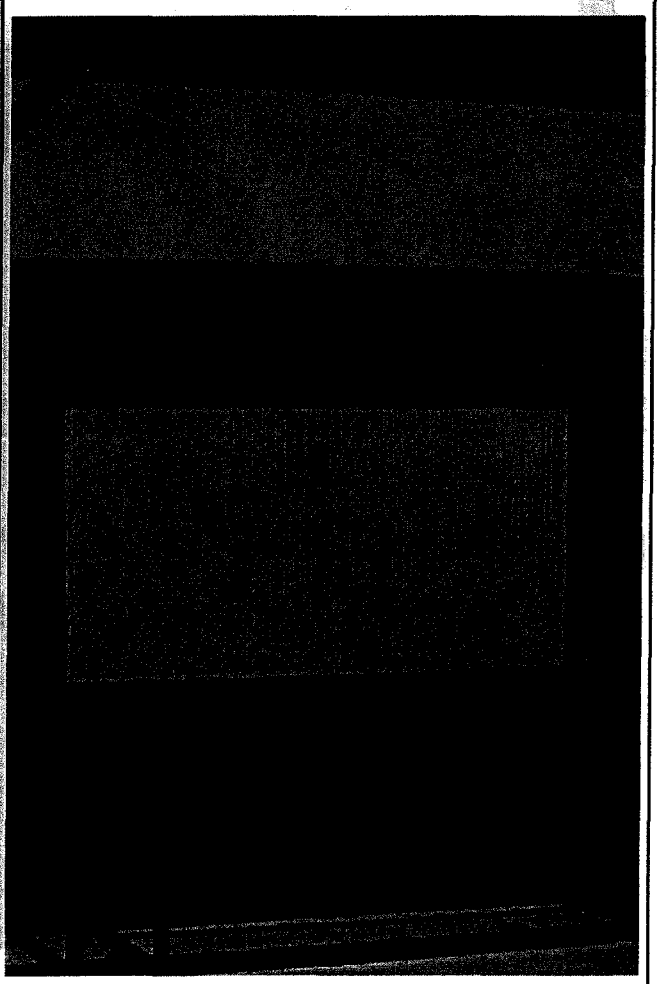
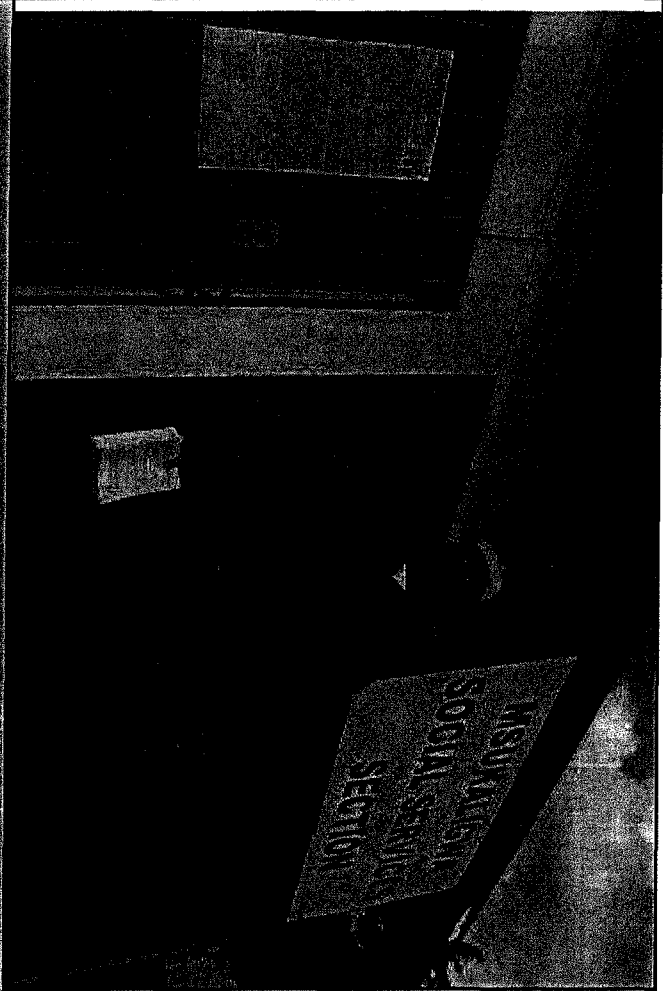
CORNER OF CHURCH AND FOLLE STREET, ENDO



Wassellon Library



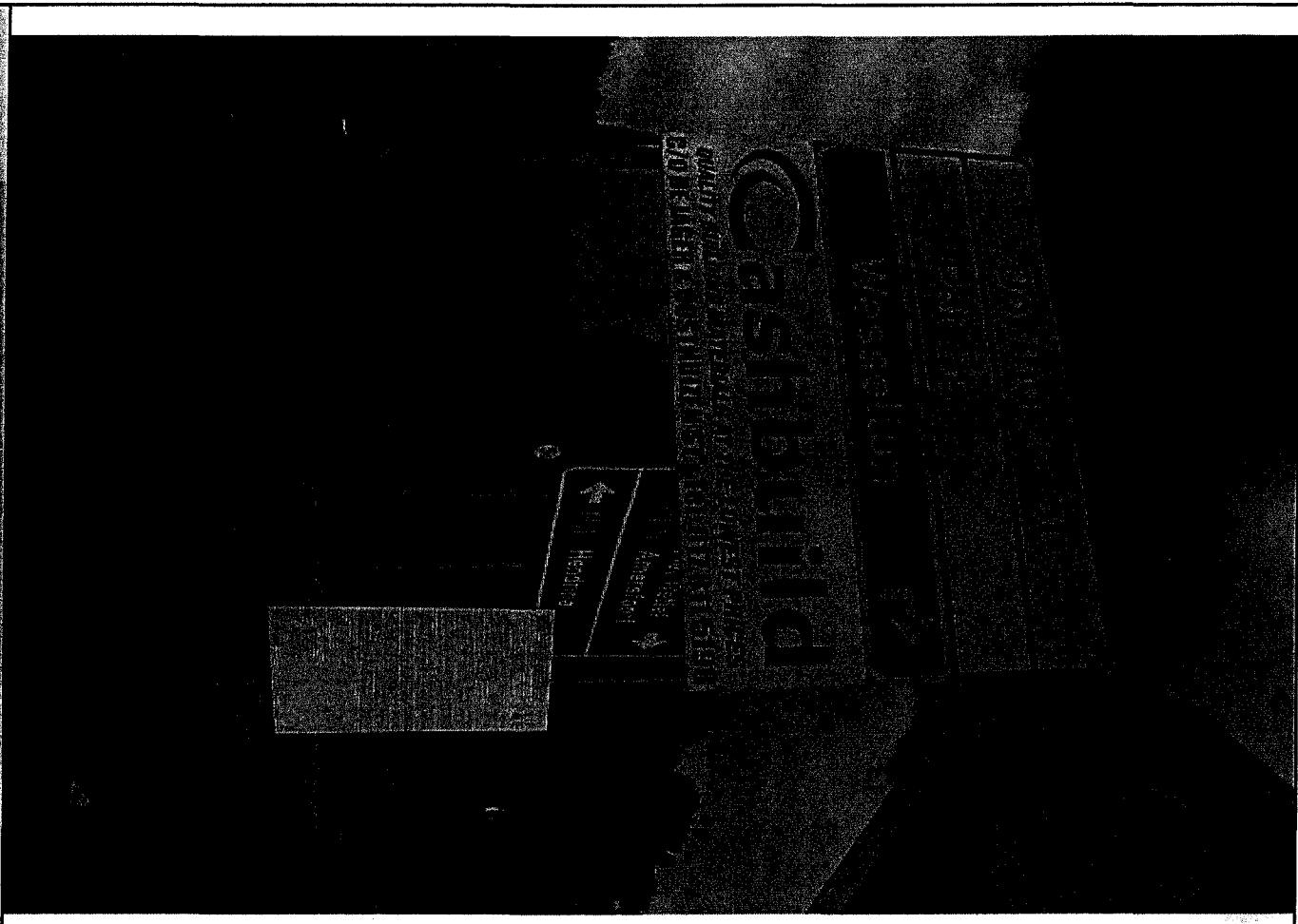
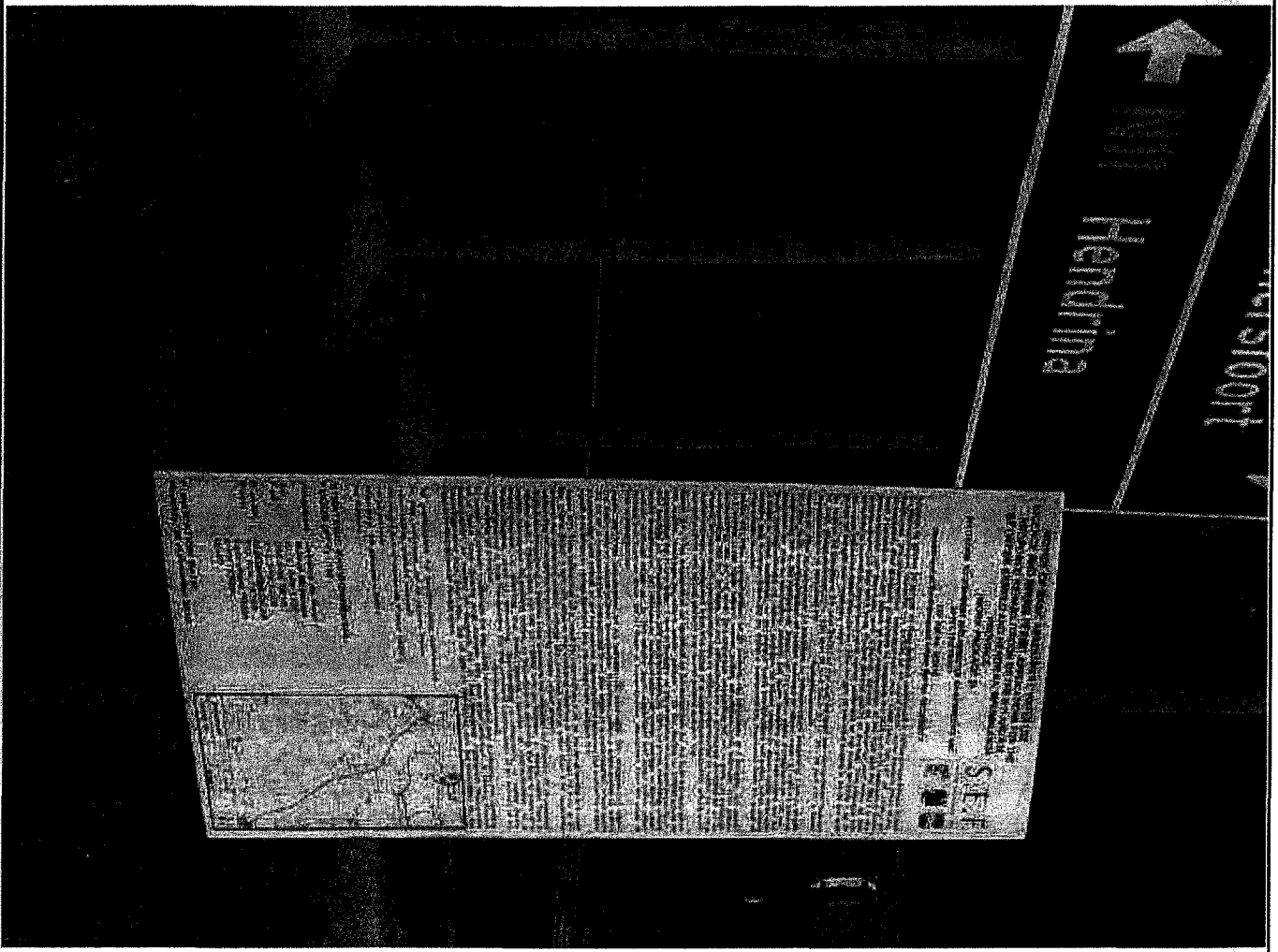
Msdikalgwa Local Municipality, Wassellon



RESEARCH CENTER

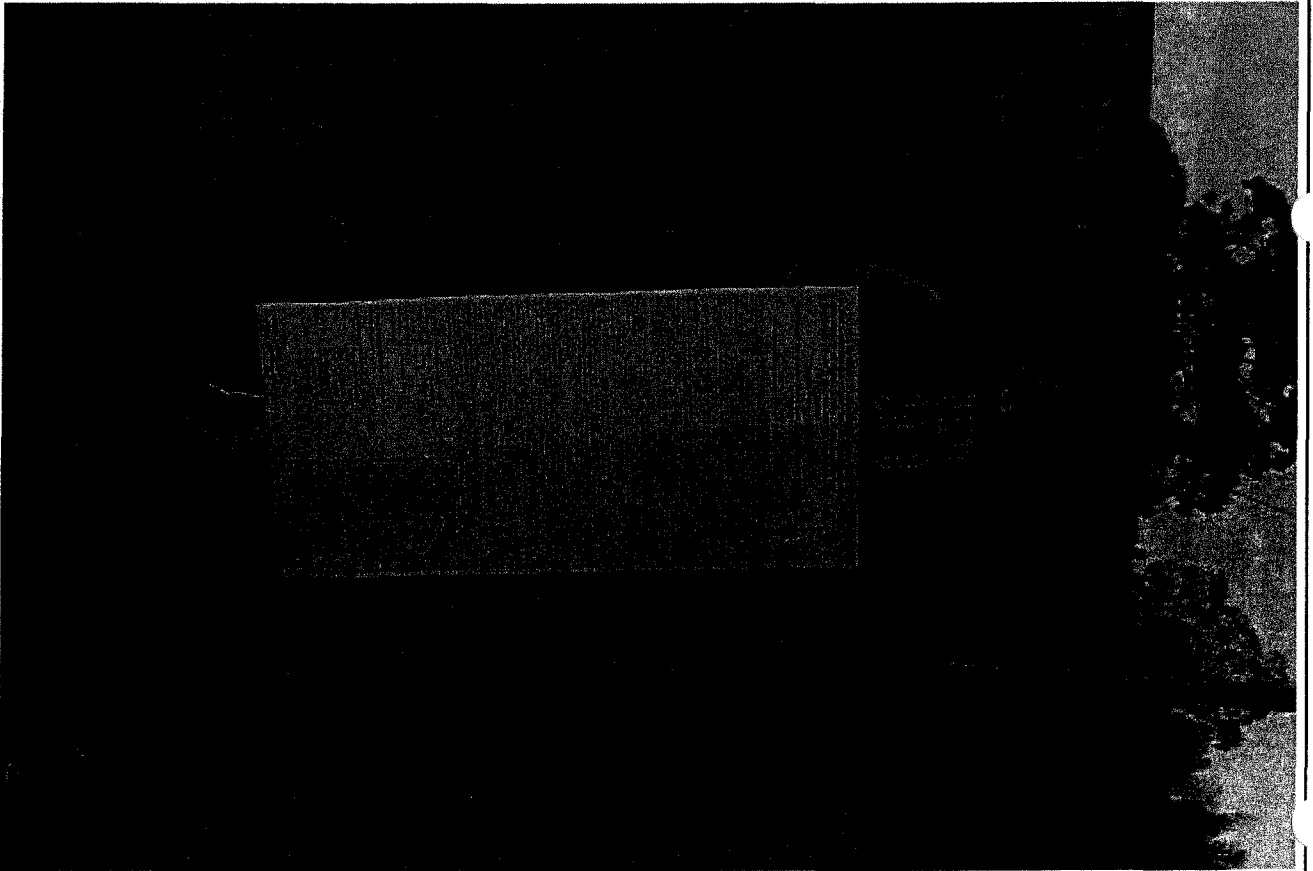
Engineering

Corner of Church and Park Street, Emdin





Junction of N11 and D1217





APPENDIX 2 - WRITTEN NOTICES TO THOSE PERSONS DETAILED IN 1(B) AND 1(F) ABOVE

S.E.F

STRATEGIC ENVIRONMENTAL FOCUS



22 November 2010

Attention:

Fax:

Number of pages: 13 (Including this one)

WP 2:	DEA Ref No: 12/12/20/2078	SEF Ref No: 503918
WP 3:	DEA Ref No: 12/12/20/2079	SEF Ref No: 503803
WP 4:	DEA Ref No: 12/12/20/2080	SEF Ref No: 503809

Dear

INVITATION TO COMMENT: BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF ROADS, MPUMALANGA PROVINCE

- Work Package 2: N11 between Ermelo and Hendrina
- Work Package 3: Roads between Amersfoort and the Majuba Power Station
- Work Package 4: R38 and R35 in Bethal

Eskom has embarked on a road repair programme to address the current unsafe conditions on the roads that are currently servicing their power stations (i.e. Camden and Majuba) NETGroup Consortium (including, among others, Bigen Africa Services (Pty) Ltd and Strategic Environmental Focus (Pty) Ltd (SEF)) was appointed by Eskom to undertake the engineering and environmental service components of the project.

Based on the nature of preliminary designs of the proposed project, Eskom will require an Environmental Authorisation from the Department of Environmental Affairs (DEA), Mining Permit for the excavation of material for use as road construction material from the Department of Mineral Resources (DMR) and a Water Use License Authorisation from the Department of Water Affairs (DWA). The latter will be for the abstraction of water from nearby water sources for construction purposes as well as the potential widening of bridges.

Strategic Environmental Focus (Pty) Ltd, as an independent environmental consultant, will therefore conduct the aforementioned Basic Assessment (BA), Water Use License Application (WULA) and Mining Permit Applications. This will include specialist investigations, the compilation of an Environmental Management Programme report (EMPr) as well as the public participation process (PPP) required for all of the abovementioned processes.

The proposed project includes the upgrade and repair of several roads located within the proximity of Ermelo, Bethal, Hendrina and Amersfoort. Please note that separate environmental applications will be submitted for each section of the road, also referred to as Work Packages (WP):

- WP 2: N11 between Hendrina and Ermelo;
- WP 3: Amersfoort to Majuba; and
- WP 4: Bethal.

Kindly refer to the attached Background Information Document (BID) for additional information on the location and description of the project as well as maps indicating the locality of each of the WPs.

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FOR EXPERT ENVIRONMENTAL AND SUSTAINABLE SOLUTIONS

STRATEGIC ENVIRONMENTAL FOCUS (PTY) LTD

REG NO.: 2002/022066/07

DB RUDOLPH (BL)

The PPP is an integral part of the application process for the BA, WULA and Mining Permit Applications and continues throughout the environmental process. The key objective of public participation process is to assist stakeholders to identify issues of concern and suggestions for enhanced benefits, and to comment on the findings of the BA report and EMPr.

Interested and affected parties (I&APs) have an opportunity to comment by providing comments and/or suggestions for enhanced benefits and/or alternatives and to ensure that the Competent Authorities, the DEA, DWA and DMR has sufficient information to make a decision. Please note that although separate applications will be submitted to the relevant authorities for each work package, it is important that an integrated process is followed and information is provided in a holistic manner in order to add benefit and meaning to the process. I&APs are requested to clearly indicate which WP their comment are related to, whether it is only one work package or all three.

Should you wish to participate in the environmental process by contributing comments or issues of concern, please register as an I&AP by completing the enclosed Registration and Comment Sheet and forward it to SEF as follows:

Tel: (012) 349 1307 **Post:** PO Box 74785
Fax: 086 640 5815 Lynnwood Ridge
E-mail: ctu@sefsa.co.za Pretoria
0040

Alternatively, you can visit SEF's website at <http://www.sefsa.co.za>, click on "Stakeholder Engagement". Click on the "register" button and complete the compulsory fields to register as an I&AP. On completion of these fields, you will receive an email entitled "**Stakeholder Engagement – New Registration**". Click on client login and use the emailed details to login in and submit comments.

Please ensure that you forward your comments to us by no later than **Monday, 10 January 2010**. Once we have received your comments, it will be incorporated into the draft BA report and EMPr, which will be made available for you comment during January 2011. Please be assured that all registered I&APs will be notified of where and when the reports will be available for review.

Meanwhile, should you have any questions, or would like to obtain more information, please feel free to contact myself, or Bongji Mhlanga at the contact details provided above.

We look forward to receiving your comments!

Yours sincerely

(Electronically signed)*

Jessica de Beer
For Strategic Environmental Focus (Pty) Ltd

- Enclosed document(s): *Background Information Document*
- **Please contact SEF for an original signed copy*

**BASIC ASSESSMENT, WATER USE LICENCE AND MINING PERMIT
APPLICATIONS FOR THE PROPOSED UPGRADE AND REPAIR OF COAL
HAULAGE ROADS IN THE MPUMALANGA PROVINCE**

BACKGROUND INFORMATION DOCUMENT FOR:

**WORK PACKAGE 2: REHABILITATION OF THE N11 AND R38 BETWEEN
ERMELO AND HENDRINA
(DEA REF NO: 12/12/20/2078)**

**WORK PACKAGE 3: REHABILITATION OF ROADS BETWEEN
AMERSFOORT AND THE MAJUBA POWER STATION
(DEA REF NO: 12/12/20/2079)**

**WORK PACKAGE 4: REHABILITATION OF THE R35 IN BETHAL (DEA
REF NO: 12/12/20/2080)**

November 2010

PURPOSE OF THIS DOCUMENT

The purpose of this document is to provide all interested and affected parties (I&APs) with information about the proposed road upgrades within the Mpumalanga Province. In addition, the document also aims to:

- Introduce and explain the Basic Assessment (BA), process, including the public participation process that will be followed for the proposed projects, in terms of applicable environmental legislation, National Environmental Management Act, 1998 (Act No.107 of 1998), (NEMA);
- Explain the need and requirements for a Water Use License Authorisation in terms of Section 21 of the National Water Act, 1998 (Act No.36 of 1998) (NWA);
- Provide information on the Mining Permit Application that needs to be lodged in terms of Section 27 of the Minerals and Petroleum Resources Development Act (MPRDA), (Act No. 28 of 2002); and
- Invite all I&APs to comment on the proposed project by raising issues of concern and/or suggestions for enhanced benefits/alternatives on any aspect related to the proposed development.

Introduction and Overall Project Background

Eskom has embarked on a road repair programme to address the current unsafe conditions on the roads that are currently servicing their power stations (i.e. Camden and Majuba). The relevant roads currently carry a significant load of traffic, specifically heavy vehicles like coal trucks transporting coal to the Eskom power stations. As a result, the road surface has deteriorated, which may lead to unsafe conditions on the road and high vehicle operation costs.

Based on the nature or preliminary designs of the proposed project, Eskom will require an Environmental Authorisation from the Department of Environmental Affairs (DEA) (Basic Assessment (BA) process), a Mining Permit for the excavation of material for use as road construction material from the Department of Mineral Resources (DMR) (Mining Permit Application) and a Water Use License Authorisation from the Department of Water Affairs (DWA) (Water Use License Application (WULA)). The latter will be for the abstraction of water from nearby water sources for construction purposes as

well as the widening of bridges. All three of these applications will require an Environmental Management Programme report (EMPr) as part of the application.

NETGroup consortium (a coalition of companies consisting of, among others, Bigen Africa Services (Pty) Ltd and Strategic Environmental Focus (Pty) Ltd (SEF)) was appointed by Eskom to undertake the engineering and environmental service components of the project.

Strategic Environmental Focus (Pty) Ltd, as an independent environmental consultant, will therefore conduct the BA, WULA and Mining Permit Application. This will include specialist investigations, the compilation of the EMPrs as well as the public participation process required for all of the abovementioned processes.

Approving & Commenting Authorities

Given that Eskom is classified as a Parastatal, NEMA requires that the DEA be the decision-making authority on the BA report and EMPr, in close liaison with the Mpumalanga Department of Economic Development, Environment and Tourism (MDEDET) as a key commenting authority on the application.

The DEA has to reach a decision as to whether the project may proceed, and under what conditions, based on environmental considerations. An Environmental Authorisation will be issued by the DEA, based on the information provided in the BA report and EMPr.

Similarly, the DMR will make a decision on the Mining Permit and the DWA on the WULA.

As part of the public participation process, all relevant state departments will be informed of the project and need to provide comment in order to inform the various decisions.

In addition to the above, other key stakeholders, such as SANRAL, GAUTRANS, Mpumalanga Department of Public Works, Roads and Transport (MDPWRT) and all of the relevant local municipalities will also be consulted with. It is important to note that, after the completion of the project, Eskom will hand the roads over to the relevant authorities (i.e SANRAL, MDPWRT and the local authorities) for maintenance and operational purposes.

Location and description of the project

The proposed project includes the upgrade and repair of several roads within the following local municipalities:

- Govan Mbeki Local Municipality;
- Pixley Ka Seme Local Municipality;
- Msukaligwa Local Municipality; and
- Steve Tshwete Local Municipality.

The three main sections of road, are located in the areas of Ermelo, Bethal, Hendrina and Amersfoort and is indicated in Figure 1, 2 and 3.

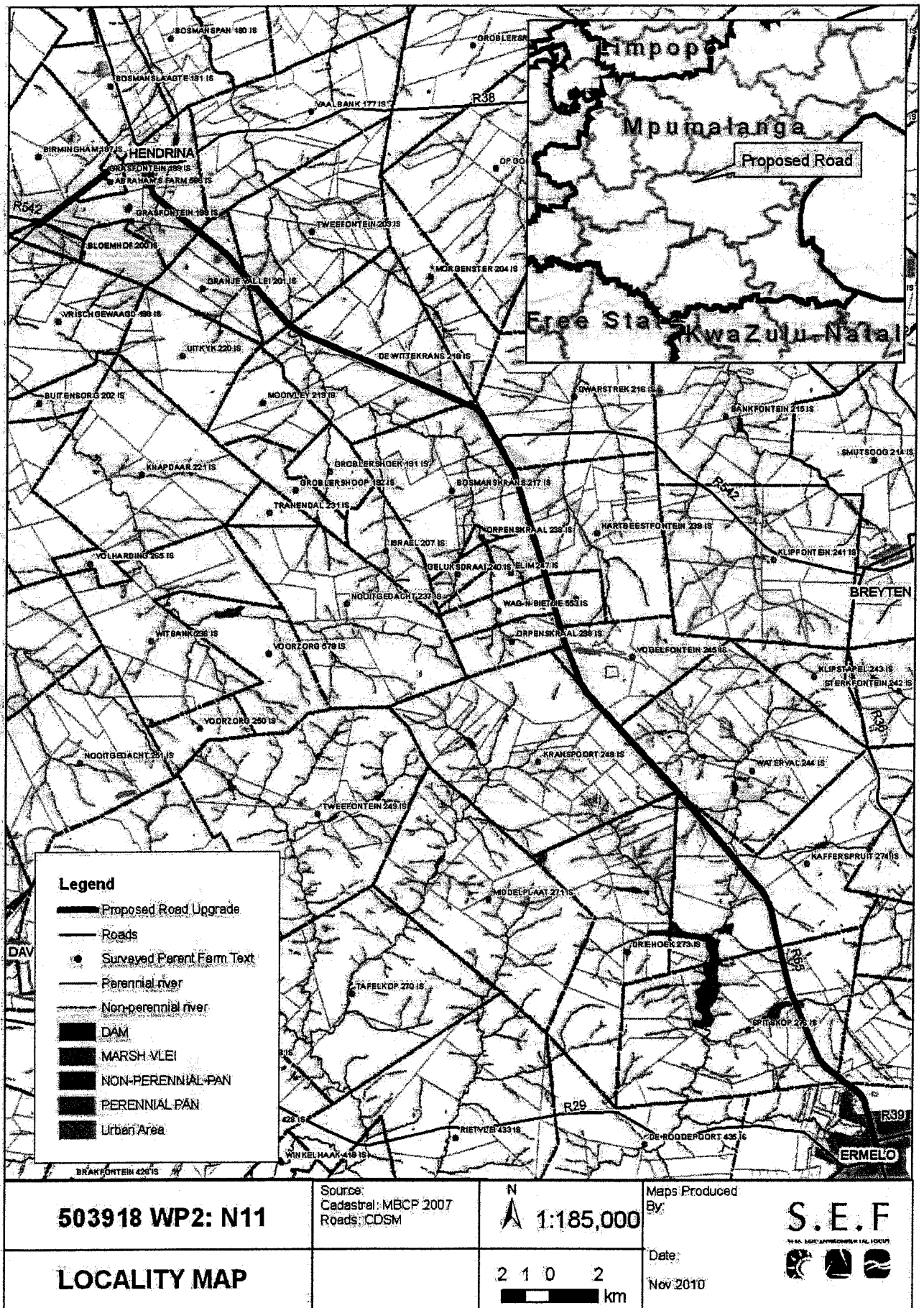


Figure 1: Work Package 2 Locality Map

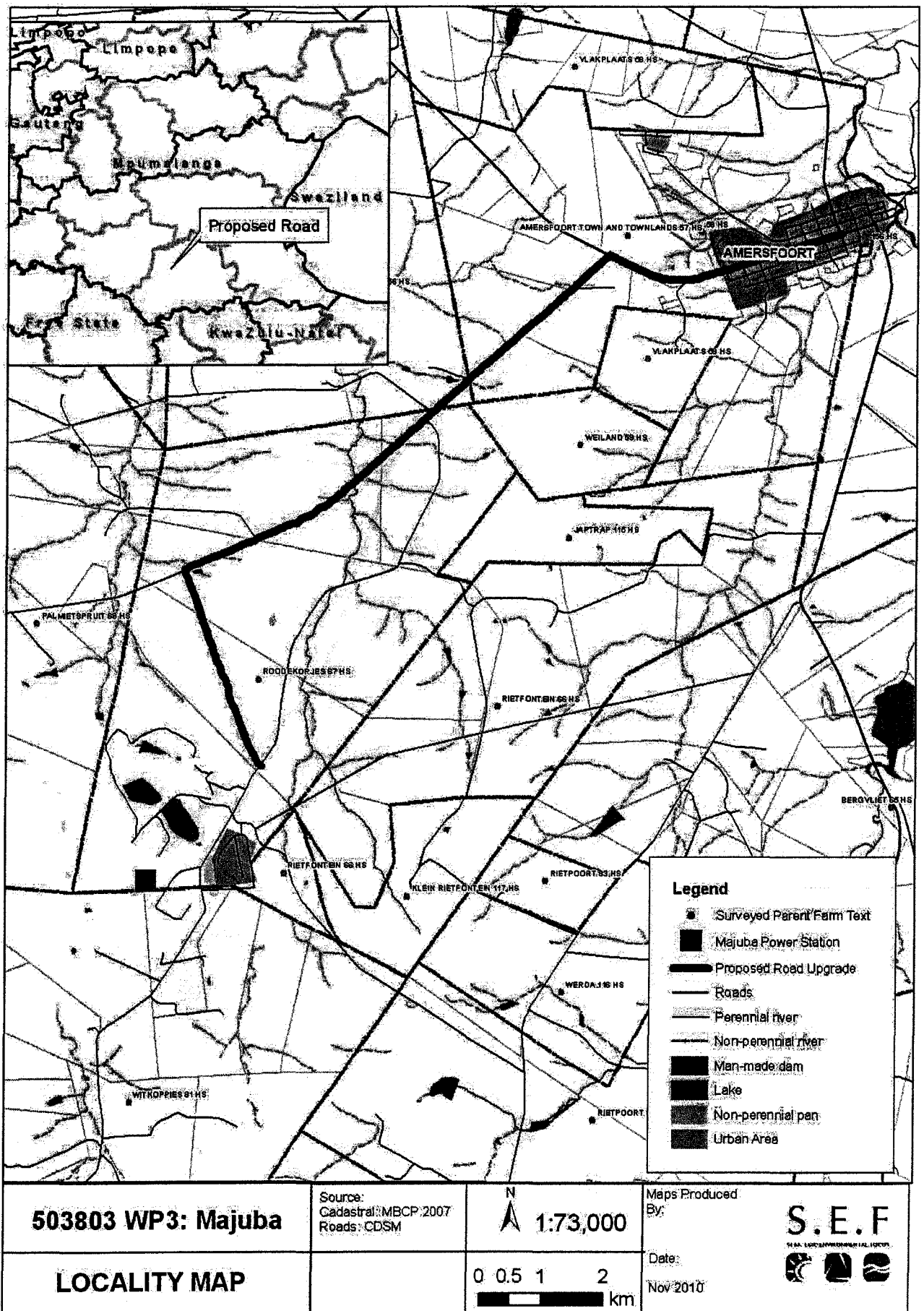


Figure 2: Work Package 3 Locality Map

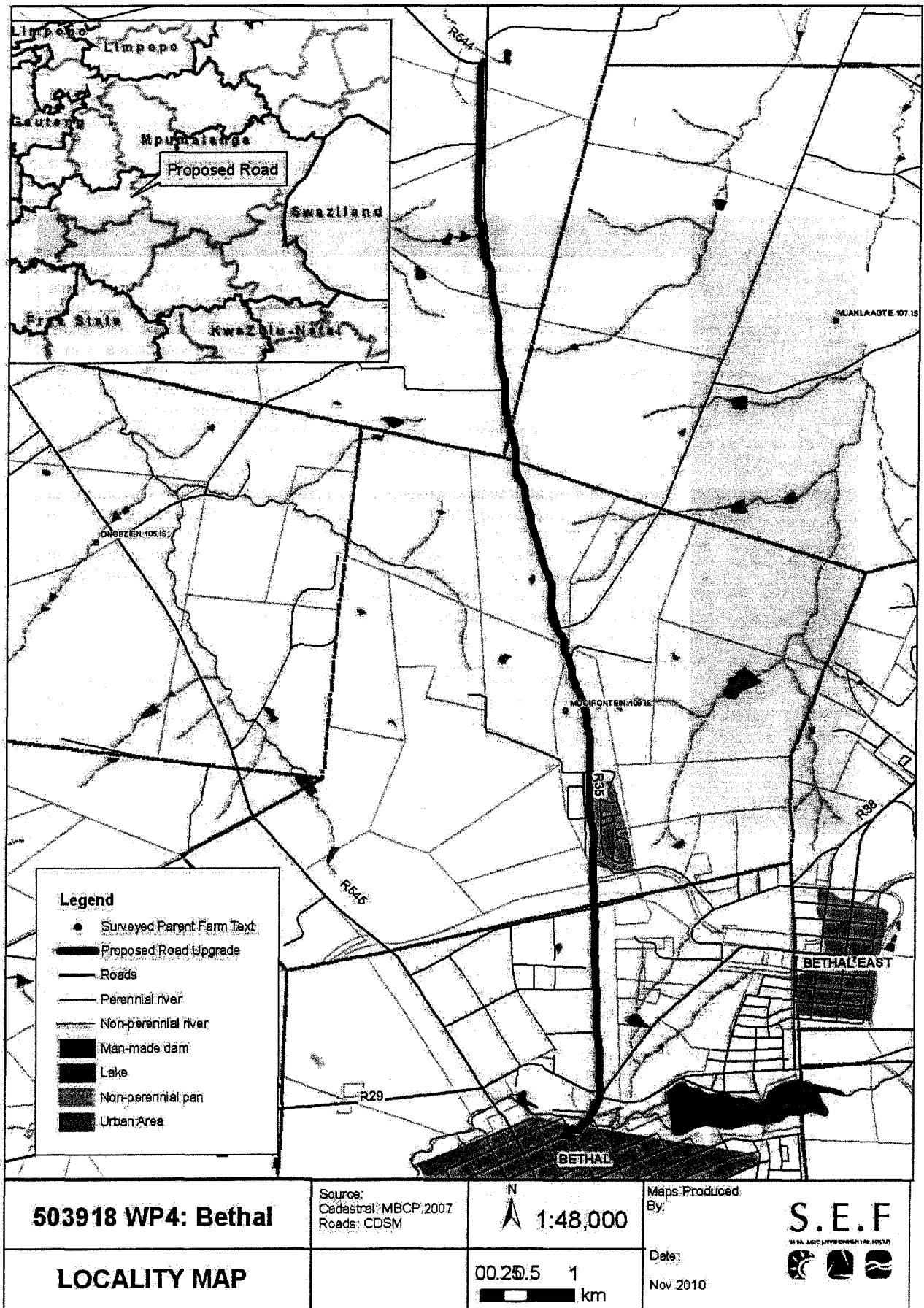


Figure 3: Work Package 4 Locality Map

The following table indicates each of the relevant workpackages, which sections of road will be upgraded and what the project specifics for each workpackage would be. The proposed upgrades aim to provide a suitable pavement for a 20 year design life as well as minor widening of the roads and localised horizontal and vertical realignment of the roads to bring it up to current national road standards.

Work Package (WP)	Location	Description
WP 2: N11 between Hendrina and Ermelo (Figure 1)	R38 and N11 between Ermelo and Hendrina, which starts at the intersection of the R38 and the R542 to the intersection of Beukes and Church street in Hendrina and ends at the intersection of the N11 and Fourie Street (N17) in Ermelo.	The length of the total project is 55.69 km and 6 km of single carriageway road respectively, which is currently approximately 9 m wide. The existing pavement surface is in a poor condition with many patched areas. The final surfaced road width will be approximately 14 m.
WP 3: Amersfoort to Majuba (Figure 2)	R35 from Amersfoort, towards Morgenzon from the intersection of Plein and Sybrandt van Niekerk Streets, Amersfoort, traveling westward through the town along the R35 to Morgenzon for a distance of 1.5 km, turning south westerly on the P97/1 towards Perdekop for a distance of 7.9 km and then southwards on the D2514 for a distance of 3.3 km to the access road of the Majuba Power Station.	The length of the total project is approximately 12.7 km of single carriageway road, which is currently approximately 9 m wide. The portion of road from its commencement to the P97/1 turn-off will require heavy rehabilitation. The portion of road from the P97/1 turn-off to the power station is proposed for repair.
WP 4: Bethal (Figure 3)	R35 along Schlossberg Road from Lakeside Avenue (R38) intersection in Bethal, northwards up to the intersection between R544 and R35. The road travels north for approximately 11 km.	The length of the total project is approximately 11 km of single carriageway road, which is currently approximately 9 m wide. This portion of the road from its commencement to the R544 turn-off will require heavy rehabilitation and is proposed for repair.

Proposed construction activities

The proposed project involves the upgrade and rehabilitation of several existing roads in the Mpumalanga Province, i.e. no new roads will be constructed as part of this programme. The proposed upgrades also includes the installation and maintenance of related drainage infrastructure and the possible expansion of bridges. The proposed project will entail the following activities:

- Strengthening of the road pavement to carry the expected traffic load;
- Cleaning of existing culverts and culvert inlets and outlets;
- Construction or upgrading of existing lined and unlined side drains;
- Lengthening and/or limited replacement of the existing pipe culverts;
- The construction of new inlet and outlet structures to existing culverts;
- The installation of sub-soil drains;
- Fill drains and downchutes on high fills;
- Construction of erosion prevention measures where required;
- Widening of existing bridge deck slabs; and
- Construction of new and extensions to the existing bridge headwalls and wingwalls.

Legal requirements applicable for the proposed construction activities

⊕ Basic Assessment

Government Notice Regulation (GNR) R.543 of NEMA 2010 lists specific activities which require approval from the DEA. For the purpose of this application, the following listed activities in R. 544 are anticipated to be applicable to the proposed project:

Item 9: The construction of facilities or infrastructure exceeding 1 km in length for the bulk transportation of water, sewage or storm water:

- (i) with an internal diameter of 0.36 meters or more; or
- (ii) with a peak throughput of 120ℓ per second or more, excluding where:
 - a) such facilities or infrastructure are for bulk transportation of water, sewage or storm water or storm water drainage inside a road reserve; or
 - b) where such construction will occur within urban areas but further than 32 m from a watercourse, measured from the edge of the watercourse.

Item 11: The construction of

- (iii) canals;
- (iv) channels;
- (v) bridges;
- (vi) dams;
- (vii) weirs;
- (viii) bulk storm water outlet structures;
- (ix) marinas;
- (x) jetties exceeding 50 m² in size;
- (xi) slipways exceeding 50 m² in size;
- (xii) buildings exceeding 50 m² in size; or
- (xiii) infrastructure or structures covering 50 m² or more, where such construction occurs within a watercourse or within 32 m of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.

Item 37: The expansion of facilities or infrastructure for the bulk transportation of water, sewage or storm water where –

- (i) the facility or infrastructure is expanded by more than 1 km in length; or
- (ii) where the throughput capacity of the facility or infrastructure will be increased by 10% or more, excluding where such expansion:
 - a) relates to transportation of water, sewage or storm water within a road reserve; or
 - b) where such expansion will occur within urban areas but further than 32 m from a watercourse, measured from the edge of the watercourse.

Item 39: The expansion of:

- (i) canals;
- (ii) channels;
- (iii) bridges;
- (iv) weirs;
- (v) bulk storm water outlet structures; marinas; within a watercourse or within 32 m of a watercourse, measured from the edge of a watercourse, where such expansion will result in an increased development footprint but excluding where such expansion occur behind the development setback line.

Item 47: The widening of a road by more than 6 m, or the lengthening of a road by more than 1 km -

- (i) where the existing reserve is wider than 13.5 m; or
- (ii) where no reserve exists, where the existing road is wider than 8 m, excluding widening or lengthening occurring inside urban areas.

⊕ **Water Use Licence Application (WULA)**

Given that the proposed development includes the widening of road bridges across watercourses, a WULA in terms of Section 21 of the National Water Act, 1998 (Act No.36 of 1998) will also be submitted to the DWA, for their consideration and decision-making. The activities which are triggered under Section 21 of the NWA, 1998 are:

- a) Taking water from a water resource;
- b) Storing water;
- c) Impeding or diverting the flow of water in a watercourse;
- i) Altering the bed, banks, course or characteristics of a watercourse; and
- j) Removing, discharging or disposing of water found underground if it is necessary for the efficient continuation of an activity or for the safety of people.

According to the preliminary projections, water will be needed for construction purposes at a rate of approximately 49.8 m³ per day / team at peak periods over 24 months for construction work on WP 2 and at the same rate over 20 months for WP 3 and WP 4.

Water will be extracted from existing streams or dams where available. The contractor might be required to use existing or new boreholes to supplement the water requirements, for which a Water Use Authorisation will be required.

⊕ **Mining Permit Application**

In order to obtain materials for the road surfacing, the opening of hard rock quarries and borrow pits will also be required as part of the project scope. Therefore, a Mining Permit Application in terms of Section 27 of the Minerals Petroleum Resources Development Act, (Act No. 28 of 2002) (MPRDA) will be submitted to the DMR.

The intention of the project is to keep the potential impacts of the proposed project to an absolute minimum and therefore the siting of proposed borrow pits will be informed by the location of existing borrow areas as well as the availability of suitable material close to the proposed road construction areas. As part of this process, directly affected landowners will be consulted with as well as potentially affected stakeholders.

Geotechnical investigations to investigate the potential for suitable road construction material is currently underway and will provide insight into the potential location of borrow pit sites.

Specialist Studies

Strategic Environmental Focus will identify potential issues and assess these impacts in terms of their significance in accordance with the guidelines for EIA published by the Department of Environmental Affairs and Tourism (now DEA). The following specialist studies will be undertaken to inform the process:

The Aquatic Assessment of the aquatic community associated with rivers and streams in proximity to the proposed road upgrades will entail the characterisation of the aquatic environment and aquatic habitat. In order to describe the aquatic environment and its present ecological state, a number of stressor, habitat and response indicators will be evaluated as part of the assessment.

The Wetland Assessment will identify the footprint of wetland and riparian areas and indicate the relative functional importance of the wetlands and riparian areas. This assessment will also suggest appropriate buffer zones, mitigation, management and rehabilitation measures where appropriate.

The Fauna and Flora Assessment will provide a description of the dominant flora species occurring in the affected areas, including floral species composition and structure. The assessment will further aim to describe the endangered, rare or protected species, and/or potential habitat that occur on the studied site.

The results of these specialist studies will inform the impact assessment process associated with the BA and EMPr (which will also be submitted as part of the WULA and the Mining Permit Application) and recommendations will be made based on the findings of the assessments. Each assessment will also provide specific mitigation measures for addressing any potential negative impact on the environment.

Public participation process and scheduling

The public participation process (PPP) is an integral part of the application process for the BA, Mining Permit Application and WULA and continues throughout the environmental process. The key objective of public participation process is to assist stakeholders to identify issues of concern and suggestions for enhanced benefits, and to comment on the findings of the BA report and EMPr. Due to the PPP requirements of NEMA being more extensive than those detailed within the NWA and the MPRDA, SEF shall follow the PPP in terms of NEMA, as outlined below.

	What	When
Step 1: Notify I&APs and identify issues	Notify I&APs of the project proposal by means of newspaper advertisements, site notices, hand delivered letters, fax, e-mail or post.	November 2010
	I&APs are required to register their interest in the project to receive further project information. I&APs can do this by submitting their completed registration sheet (attached to this document) to SEF which will assist in identifying any issues/concerns of I&APs.	November/December 2010
Step 2: I&AP review of Draft BA and EMP reports	Issues and concerns raised by I&APs are contained in an Comment and Responses Report (CRR) for inclusion in each of the relevant applications (see Figure 4).	Ongoing
	All registered I&APs on the project database are notified in writing of the opportunity to comment.	December 2010
	The Draft BA report and EMPr, including the CRR is released for a 40 day comment period.	January 2011
	Copies of the reports will be made available on the SEF website www.sefsa.co.za , as well as public venues in Bethal, Hendrina, Ermelo and Amersfoort.	January 2011
Step 3: Final BA report and EMPr	Comments received from I&APs during the review process are considered and included in the compilation of the Final BA report and EMPr before it is submitted to the DEA, DWA and DMR for their decision making. All I&APs on the project database will be notified in writing of the submission of the Final BA Report to the various departments.	March 2011
Step 4: Notify I&APs of Environmental Authorisation and Appeal Period	All registered I&APs will be notified in writing of the environmental authorisation for the project and the appeal period, as well as the appeal process.	April 2011

It should be noted that the requirements for the PPP for the BA (in terms of NEMA) is more stringent and therefore will be applied for all the applications. It is the intention to combine the PPP for each of the three workpackage applications.

Concerns and issues raised will be separated per work package and will form part of a CRR for each workpackage, which will accompany the relevant documents to each relevant competent authority (i.e DEA, DWA, and DMR). Please refer to Figure 4, on how comments raised by interested and affected parties will be incorporated into the reports to be submitted to all three of the key competent authorities for decision making.

The following table provides a summary of the comments received from stakeholders during the public consultation process. The table is organized by stakeholder group and lists the specific comments received, along with the responses provided by the project team.

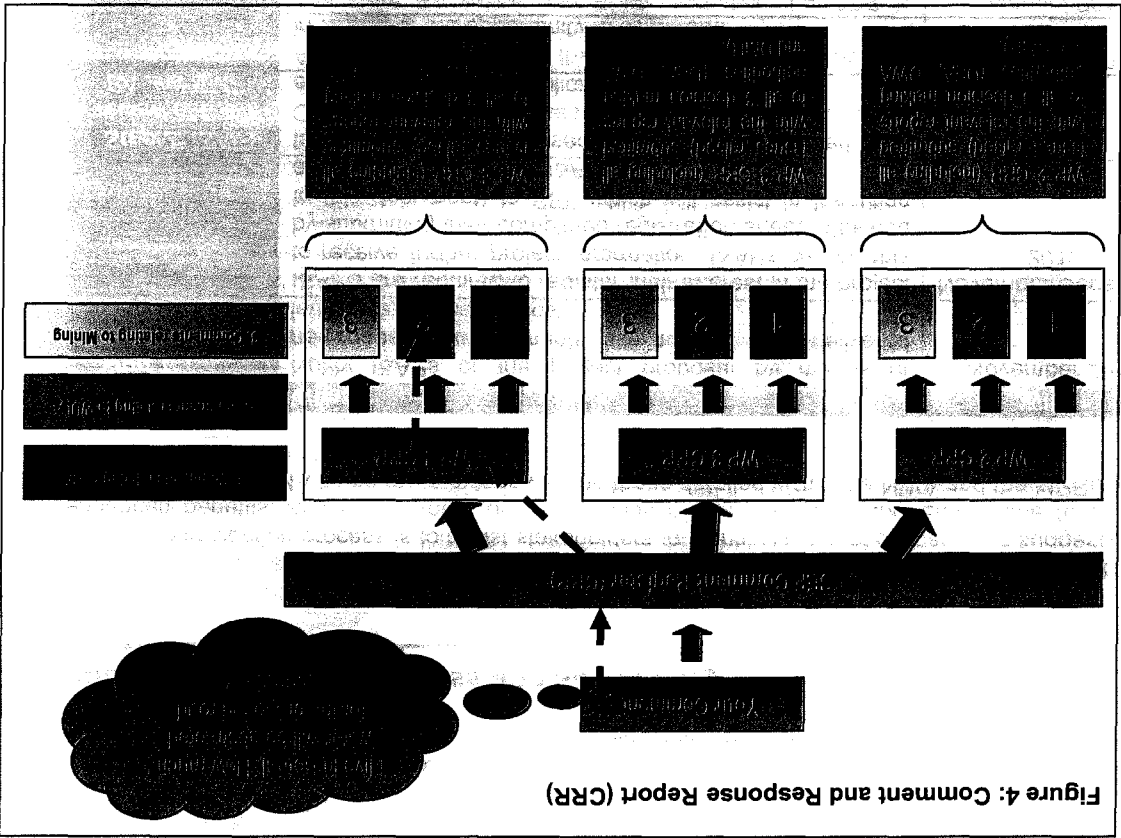


Figure 4: Comment and Response Report (CRR)

BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED UPGRADE AND REPAIR OF ROADS WITHIN THE MPUMALANGA PROVINCE

REGISTRATION AND COMMENT SHEET



WP 2: SEF Ref No: 503918 / WP 3: SEF Ref No: 503803 / WP 4: SEF Ref No: 503809

Title:		Name:			
Surname:					
Company Name / Interest:					
Postal or Residential Address:					
Area:				Please provide details of any friends/colleagues whom you would like to be added to the mailing list:	
Postal Code:					
Tel	()	Name:			
Fax	()	Surname:			
Mobile		Company name:			
Email address:					
Please mark with an X to indicate whether you would like to participate in the environmental process:				Tel ()	
Yes, I would like to participate in this process		YES	Fax ()		
No, I am not interested in participating		NO	Mobile		
Date commented (DD / MM / YYYY)				Email address:	
Select area of concern (please mark all applicable)				Postal or Residential Address:	
WP 2	WP 3	WP 4	BA	Mining	Water
COMMENTS (You are welcome to attach separate sheets)					
The following issues must be considered:					

Please complete and return to SEF by no later than
Monday, 10 January 2011

Attention: Jessica de Beer/Bongi Mhlanga
 Fax: 086 640 5815
 Email: ctu@sefsa.co.za
 Post: PO Box 74785, Lynnwood Ridge, 0040

Please feel free to phone us on (012) 349 1307 should you not have access to a fax or E-mail facility.

Thank you for your participation.

Please rest assured that your comments will form part of the final Basic Assessment Report that will be submitted to the decision making authority.



APPENDIX 3 - PROOF OF NEWSPAPER ADVERTISEMENTS



NOTICES

An environmental impact assessment (eia) and environmental management programme (emp) with an amendment to the existing syntex waste ash disposal licence and an amendment to the existing syntex water use licence for the proposed syntex fine ash dump (fad) at secunda, mpumalanga.

DEDET/Reference Number: 142/3/SGS6

Notice is hereby given in terms of the Environmental Impact Regulations promulgated under Section 24 (b) of the National Environmental Management Act 107 of 1989 (NEMA), the National Water Act (NWA) (Act 36 of 1998) and the National Environmental Management Waste Act 59 of 2008 (NEMWA) of the intent to carry out the following activities:

Description of proposed activities

The Secula Syntex waste ash production line, ash residue from the gasification of coal for the production of a variety of hydrocarbon based chemicals and products. Currently this ash is conveyed to Fine Ash Dam 4 and 5. Fine Ash Dam 4 is nearing its end of operational life and an additional ash dam will need to be constructed to maintain current production, as is provided for in the Syntex Waste Ash Disposal Site planning process.

Location

The proposed RAD-9 is located to the south and south west of the existing Fine Ash Dam 5 at Secula Secunda on Portage 2, 3, 9 and the remainder of the farm Steynhof 328S. The RAD-9 runs through the north-eastern region of the farm Steynhof 328S, past the proposed site. The proposed RAD-9 will be integrated with the fine ash supply and water recovery infrastructure with the existing Waste Ash Disposal Site complex.

Environmental Impact Assessment process

SRK Consulting, as an independent consultant, has been appointed by Sasol Syntex to undertake the necessary environmental and public consultation process to inform the authorities of the proposed development of RAD 9. An application to register the proposed project has been submitted to the competent authority in terms of the NEMA Regulations (R. 543, R. 644R, 645 and R. 646 of 18 June 2010). An Environmental Authorisation has been applied for to undertake activities 9, 10, 11, 13, 22, 25, 97 and 66 of R. 644 and activities 6, 10, 15, 18 and 19 of R. 645.

Although Sasol Syntex has extensive experience with the design and operational requirements of the ash dams, fresh new fire safety and certain specific aspects associated with the site conditions and location, which may become confirmed during the conceptual design and site investigations phases, leading to final detailed design. To facilitate the EIA and Licensing processes, a preliminary list of activities which may become part of the RAD 9 development and require licensing under current legislation is provided above, recognising that the list may be reduced or expanded during the Scoping Phase of the EIA, and information becomes available.


Any comments, representations or objections regarding the proposed application together with your name, contact information and interest in the matter may be forwarded to the contact person given below within 40 days of this publication, being the 23rd January 2011.

Andrew Caddick at SRK Consulting
Tel number: (012) 361 9821
Fax number: (012) 361 9912
Postal address: P.O. Box 35290, Menlo Park, 0102
Email: acaddick@srk.co.za

Jacobus Lubbe at SRK Consulting
(012) 361 9821
(012) 361 9912
P.O. Box 35290, Menlo Park, 0102
jlubbe@srk.co.za

Date of publication: 24th November 2010





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R1700.00 registration deposit

For any enquiries please contact our offices:
Tel: (017) 631 1990/1971 Fax: (017) 6312328
Website: www.vut.ac.za

We are situated at 08 Carl Bosch Street, Secunda, opposite Albany Bakery.

NOTICE OF A BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF:

Work Package 2: N11 and R38 between Ermelo and Hendrina	DEA Ref No: 12/12/20/2078	SEF Ref No: 503918
Work Package 3: Roads between Amersfoort and the Majuba Power Station	DEA Ref No: 12/12/20/2079	SEF Ref No: 503803
Work Package 4: R35 in Bethal	DEA Ref No: 12/12/20/2080	SEF Ref No: 503809

INVITATION TO COMMENT AND REGISTER AS INTERESTED AND AFFECTED PARTY

Notice is given in terms of Regulations published in Government Notice R.543 in Government Gazette No. 33306 of 18 June 2010, under Section 24(b) of the National Environmental Management Act (NEMA), 1998 (Act No. 107 of 1998), as amended, that Eskom proposes to rehabilitate roads within Govan Mbeki, Pixley Ka Seme, Msukalligwa, Steve Tshweta Local Municipalities of Mpumalanga Province as follows:

WP 2: R38 and N11 between Ermelo and Hendrina, which starts at the intersection of the R38 and the R542 to the intersection of Beukes and Church Street in Hendrina and ends at the intersection of the N11 and Fourie Street (N17) in Ermelo. The upgrade will provide a suitable pavement and minor widening of the road to bring it up to current national road standards. The length of the total project is 55.69 km and 6 km of single carriageway road respectively.

WP 3: R35 from Amersfoort, towards Morgenzon from the intersection of Plein and Sybrand van Niekerk Streets, Amersfoort, travelling westward through the town along the R35 to Morgenzon for a distance of 1.6 km, turning south westerly on the P97/1 towards Perdekop for a distance of 7.9 km and then southwards on the D2514 for a distance of 3.3 km to the access road of the Majuba Power Station. The upgrade will provide a suitable pavement and minor widening of the road to bring it up to current national road standards. The length of the total project is approximately 12.7 km of single carriageway road.

WP 4: R35 along Schlossberg Road from Lakeside Avenue (R38) intersection in Bethal, northwards up to the intersection between R544 and R35. The road travels north for approximately 11 km. The upgrade will provide a suitable pavement and minor widening of the road to bring it up to current national road standards. The length of the total project is approximately 11 km of single carriageway road. NET Group Consortium has been appointed by Eskom Primary Energy Division to facilitate the engineering and environmental processes for the proposed project. Strategic Environmental Focus (SEF) (Pty) Ltd, as independent environmental consultant forming part of the NET Group

Consortium, are responsible for facilitating the legislative environmental processes for:

- a) Rehabilitation activities (i.e. Environmental Authorisation in terms of NEMA)
- b) Water uses (i.e. Water Use License Authorisation in terms of Section 21 of National Water Act, 1998 (Act No. 36 of 1998),
- c) Construction material (i.e. Mining Permit under Section 27 of Minerals Petroleum Resources Development Act, (Act No. 28 of 2002) (MPRDA).

In terms of Sections 24 and 24(D) of the NEMA, as read with Government Notices R.543 (Regulations 21 – 25) and R.544, a Basic Assessment is required for the following listed activities.

Item 9: The construction of facilities or infrastructure exceeding 1 km in length for the bulk transportation of water, sewage or storm water: (i) with an internal diameter of 0.36 meters or more; or (ii) with a peak throughput of 120 l per second or more, excluding where: (a) such facilities or infrastructure are for bulk transportation of water, sewage or storm water or storm water drainage inside a road reserve; or (b) where such construction will occur within urban areas but further than 32 m from a watercourse, measured from the edge of the watercourse.

Item 11: The construction of (i) canals; (ii) channels; (iii) bridges; (iv) dams; (v) weirs; (vi) bulk storm water outlet structures; (vii) marinas; (viii) jetties exceeding 50 m² in size; (ix) slipways exceeding 50 m² in size; (x) buildings exceeding 50 m² in size; or (xi) infrastructure or structures covering 50 m² or more, where such construction occurs within a watercourse or within 32 m of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.

Item 37: The expansion of facilities or infrastructure for the bulk transportation of water, sewage or storm water where – (i) the facility or infrastructure is expanded by more than 1 km in length; or (ii) where the throughput capacity of the facility or infrastructure will be increased by 10% or more, excluding where such expansion: (a) relates to transportation of water, sewage or storm water within a road reserve; or (b) where such expansion will occur within urban areas but further than 32 m from a watercourse, measured from the edge of the watercourse.

Item 39: The expansion of (i) canals; (ii) channels; (iii) bridges; (iv) weirs; (v) bulk storm water outlet structures; marinas; within a watercourse or within 32 m of a watercourse, measured from the edge of a watercourse, where such expansion will result in an increased development footprint but excluding where such expansion occur behind the development setback line.

Item 47: The widening of a road by more than 6 m, or the lengthening of a road by more than 1 km, (i) where the existing reserve is wider than 13.5 m; or (ii) where no reserve exists, where the existing road is wider than 8 m, excluding widening or lengthening occurring inside urban areas.

Activities requiring a Water Use Licence as required by Section 21 of National Water Act, 1998 (Act No. 36 of 1998) are as follows:

- a) Taking water from a water resource;
- b) Storing water;
- c) Impeding or diverting the flow of water in a watercourse;
- d) Altering the bed, banks, course or characteristics of a watercourse; and
- e) Removing, discharging or disposing of water found underground if it is necessary for the efficient continuation of an activity or for the safety of people.

In order to obtain materials for the road construction and surfacing, the opening of a hard rock quarry and borrow pits are also required. A Mining Permit application in terms of Section 27 of the Minerals Petroleum Resources Development Act, (Act No. 28 of 2002) (MPRDA) will be submitted to the Department Mineral Resources.

Interested and/or affected parties who wish to participate by contributing comments, or who would like to obtain more information on all Workpackages (WP 2, 3 & 4), should please contact **Jessica de Beer / Bongli Mhlanga** at Strategic Environmental Focus (SEF) (Pty) Ltd as follows: PO Box 74785, Lynnwood Ridge, 0040, Tel: (012) 349 1307, Fax: 086 640 5815 E-mail: ju@sefsa.co.za, on or before **Monday, 18 January 2011**.

● Geklassifiseerd ● Classified ● Geklassifiseerd ● Classified ● Geklassifiseerd ● Classified ● Geklassifiseerd ● Classified ● Geklassifiseerd

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 1998 Golf 3 G.S. R39 900
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 11. 2006 Nissan X-Trail 2.0 4 x 2 R139 900
 12. 2006 Mazda Drifter 3LE D/Cab R149 900

13. 2007 Isuzu 3.0 D/Cab D-Trak 4 x 4 R247 900
 14. 2002 Toyota Tazz 1.3 Obs-Acon R48 900

15. 1999 Audi A4 2.8 R69 900
 16. 2009 Mazda 2, 1.3 A/CV R129 980
 17. 2001 Mercedes C200 Classic R39 900

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 3. 2009 Toyota Corolla 1.3 6 speed Professional R149 900

4. 2007 Toyota Fortuner 3.0 D4D R249 900
 5. Hyundai Tucson 2.0 GLS R154 900 4x4

6. 2005 Honda Jazz 1.4i DSI Auto R89 900
 7. 2005 Ford Bantam 1.3 XL R59 900 Renault

8. 2006 Renault Clio 1.5 DCI Expression R84 900
 9. 2007 Hyundai Accent 2.0 Diesel R114 900

11. 2006 Nissan X-Trail 2.0 4 x 2 R139 900
 12. 2006 Mazda Drifter 3LE D/Cab R149 900

13. 2007 Isuzu 3.0 D/Cab D-Trak 4 x 4 R247 900
 14. 2002 Toyota Tazz 1.3 Obs-Acon R48 900

15. 1999 Audi A4 2.8 R69 900
 16. 2009 Mazda 2, 1.3 A/CV R129 980
 17. 2001 Mercedes C200 Classic R39 900

18. 2009 Mazda 2, 1.3 A/CV R129 980
 19. 2001 Mercedes C200 Classic R39 900

20. 2001 Mercedes C200 Classic R39 900
 21. 2001 Mercedes C200 Classic R39 900

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 - Voertuig beskikbaar
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0800 VACANCIES

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 Small town lodge situated in Middelburg, Mpumalanga is looking for a suitable individual as Duty Manager / Reservations. Live in for single person, able to work shifts half board provided. Only serious individuals need to apply; hospitality background an advantage. Please forward CV to fax: 013 282 8280 Applications close 08/12/2010

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 - Basic pasiel knowledge
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0800 LEGALS

0910 Public / Legal Notices

KENNISGEWING AAN DEBITTEUR EN KREDITEUR
 Kennis geëkied hiermee aan debiteurs en krediteure in die boedel van EBERHARD GIEBLER, identifikasienommer 300107 5062 187, woonagtig te 17 Flemingdale, Kanonkop Middelburg, Mpumalanga, oorlede op 23 September 2010 om ongeopende sake toe te reken. In die boedel van die gedorede is die volgende binnegedien (30) dae vanaf publikasie hiervan.
 Ekekteur: GJL VAN ZYL Gerhard van Zyl Prokureurs Lamsborgebou, Kantoor nr 2 Middelperkezaan, Middelburg (T) 013 282 5366 (F) 013 282 5368 VERW: GB234A

KENNISGEWING AAN DEBITTEUR EN KREDITEUR
 Kennis geëkied hiermee aan debiteurs en krediteure in die boedel van STEWIE TSHWETE, identifikasienommer 300107 5062 187, woonagtig te 17 Flemingdale, Kanonkop Middelburg, Mpumalanga, oorlede op 23 September 2010 om ongeopende sake toe te reken. In die boedel van die gedorede is die volgende binnegedien (30) dae vanaf publikasie hiervan.
 Ekekteur: GJL VAN ZYL Gerhard van Zyl Prokureurs Lamsborgebou, Kantoor nr 2 Middelperkezaan, Middelburg (T) 013 282 5366 (F) 013 282 5368 VERW: GB234A

STEVE TSHWETE LOCAL MUNICIPALITY
 NOTICE OF APPLICATION FOR SPECIAL CONSENT
 Notice is hereby given to all whom it may concern that in terms of the STEVE TSHWETE TOWN PLANNING SCHEME, 2004 L. Vivienne Smith of the firm: Koresman & Van Wyk Town and Regional Planners, intend applying to Steve Tshwete Local Municipality for consent for: A Guest House
 Particulars of the application are open for inspection during normal office hours at the Directorate: Administration and Resource Management, Second floor, Civic Centre, Corner of Church Street and Wanderers Avenue,

TENDERS / NOTICES / AUCTIONS

NOTICE OF A BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF

Work Package 2: N11 and R38 between Ermelo and Hendrina
 Work Package 3: Roads between Amersfoort and the Majuba Power Station
 Work Package 4: R35 in Bethal

DEA Ref No: 12/12/20/2076 SEF Ref No: 503918
 DEA Ref No: 12/12/20/2079 SEF Ref No: 503883
 DEA Ref No: 12/12/20/2080 SEF Ref No: 503809

INVITATION TO COMMENT AND REGISTER AS INTERESTED AND AFFECTED PARTY

Notice is given in terms of Regulations published in Government Notice R.543 in Government Gazette No.33306 of 18 June 2010, under Section 24(5) of the National Environmental Management Act (NEMA), 1998 (Act No. 107 of 1998), as amended, that Eskom proposes to rehabilitate roads within Govan Mbeki, Pixley Ka Seme, Msukaligwa, Steve Tshwete Local Municipalities of Mpumalanga Province as follows:

WP 2: R38 and N11 between Ermelo and Hendrina, which starts at the intersection of the R35 and the R542 to the intersection of Beukes and Church Street in Hendrina and ends at the intersection of the N11 and Fourie Street (N17) in Ermelo. The upgrade will provide a suitable pavement and minor widening of the road to bring it up to current national road standards. The length of the total project is 55.69 km and 8 km of single carriageway road respectively.

WP 3: R35 from Amersfoort, towards Morgenzon from the intersection of Plein and Sybrant van Niakark Streets, Amersfoort, travelling westward through the town along the R35 to Morgenzon for a distance of 1.5 km, turning south westerly on the P977 towards Pardekop for a distance of 7.9 km and then southwards on the D2514 for a distance of 3.3 km to the access road of the Majuba Power Station. The upgrade will provide a suitable pavement and minor widening of the road to bring it up to current national road standards. The length of the total project is approximately 12.7km of single carriageway road.

WP 4: R35 along Schlossberg Road from Lakeside Avenue (R36) intersection in Bethal, northwards up to the intersection between R544 and R35. The road travels north for approximately 11 km. The upgrade will provide a suitable pavement and minor widening of the road to bring it up to current national road standards. The length of the total project is approximately 11 km of single carriageway road.

NETGroup Consortium has been appointed by Eskom Primary Energy Division to facilitate the engineering and environmental processes for the proposed project. Strategic Environmental Focus (SEF) (Pty) Ltd, as independent environmental consultant forming part of the NETGroup

Consortium, are responsible for facilitating the legislative environmental processes for:

a) Rehabilitation activities (i.e. Environmental Authorisation in terms of NEMA)

b) Water Uses (i.e. Water Use License Authorisation in terms of Section 21 of National Water Act, 1998 (Act No.36 of 1998).

c) Construction material (i.e. Mining Permit under Section 27 of Minerals Petroleum Resources Development Act, (Act No. 28 of 2002) (MPRDA).

In terms of Sections 24 and 24(D) of the NEMA, as read with Government Notices R.543 (Regulations 21 - 25) and R.544, a Basic Assessment is required for the following listed activities.

Item 9: The construction of facilities or infrastructure exceeding 1 km in length for the bulk transportation of water, sewage or storm water: (i) with an internal diameter of 0.36 meters or more, or (ii) with a peak throughput of 120 l per second or more, excluding where: (a) such facilities or infrastructure are for bulk transportation of water, sewage or storm water or storm water drainage inside a road reserve, or (b) where such construction will occur within urban areas but further than 32 m from a watercourse, measured from the edge of the watercourse.

Item 11: The construction of (i) canals; (ii) channels; (iii) bridges; (iv) dams; (v) weirs; (vi) bulk storm water outlet structures; (vii) mannas; (viii) jetties exceeding 50 m² in size; (ix) slipways exceeding 50 m² in size; (x) buildings exceeding 50 m² in size; or (xi) infrastructure or structures covering 50 m² or more, where such construction occurs within a watercourse or within 32 m of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.

Item 37: The expansion of facilities or infrastructure for the bulk transportation of water, sewage or storm water where - (i) the facility or infrastructure is expanded by more than 1 km in length; or (ii) where the throughput capacity of the facility or infrastructure will be increased by 10% or more, excluding where such expansion: (a) relates to transportation of water, sewage or storm water within a road reserve; or (b) where such expansion will occur within urban areas but further than 32 m from a watercourse, measured from the edge of the water-

course.

Item 39: The expansion of (i) canals; (ii) channels; (iii) bridges; (iv) weirs; (v) bulk storm water outlet structures; mannas; within a watercourse or within 32 m of a watercourse, measured from the edge of a watercourse, where such expansion will result in an increased development footprint but excluding where such expansion occur behind the development setback line.

Item 47: The widening of a road by more than 6 m, or the lengthening of a road by more than 1 km, (i) where the existing reserve is wider than 13.5 m; or (ii) where no reserve exists, where the existing road is wider than 8 m, excluding widening or lengthening occurring inside urban areas.

Activities requiring a Water Use Licence as required by Section 21 of National Water Act, 1998 (Act No.36 of 1998) are as follows:

a) Taking water from a water resource,
 b) Storing water,
 c) Impeding or diverting the flow of water in a watercourse;
 d) Altering the bed, banks, course or characteristics of a watercourse; and
 e) Removing, discharging or disposing of water found underground if it is necessary for the efficient continuation of an activity or for the safety of people.

In order to obtain materials for the road construction and surfacing, the opening of a hard rock quarry and borrow pits are also required. A Mining Permit application in terms of Section 27 of the Minerals Petroleum Resources Development Act, (Act No. 28 of 2002) (MPRDA) will be submitted to the Department Mineral Resources

Interested and/or affected parties who wish to participate by contributing comments, or who would like to obtain more information on all Workpackages (WP 2, 3 & 4), should please contact Jessica de Beer / Bongli Mhlana at Strategic Environmental Focus (SEF) (Pty) Ltd as follows: PO Box 74785, Lynnwood Ridge, 0040, Tel: (012) 340 1307, Fax: 086 640 5815 E-mail: info@sef.co.za, on or before Monday, 10 January 2011.



APPENDIX 4 - COMMUNICATION TO AND FROM PERSONS DETAILED IN POINT 2
AND 3 ABOVE

Bongi Mhlanga

From: Bongi Mhlanga
Sent: 01 February 2011 11:01 AM
To: Jessica De Beer
Subject: FW: DRAFT REPORTS AVAILABLE FOR COMMENT: BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF ROADS, MPUMALANGA PROVINCE
Follow Up Flag: Follow up
Flag Status: Red

From: Cebekulu Nokuthula (BHT) [mailto:CebekuluN@dwa.gov.za]
Sent: 01 February 2011 10:26 AM
To: CTU
Cc: Mogale Ramokone Alucia; Moloto Maditsietsi (BHT)
Subject: FW: DRAFT REPORTS AVAILABLE FOR COMMENT: BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF ROADS, MPUMALANGA PROVINCE

Jessica,

Please add us as IAP for the project occurring in N11 between Ermelo and Hendrina and in Bethal.

My contact details are as follows

Nokuthula Cebekulu
 Email: cebekulun@dwa.gov.za Tel:013 932 2061/082 600 5660 Fax:013 932 2071/086 631 7097
 Dept of Water Affairs and Forestry – Mpumalanga Water Quality Management (Bronkhorstspuit)
 No 22 Rooth Street Bronkhorstspuit 1020/Private Bag X 105890 Bronkhorstspuit 1020

Alucia Tjale is responsible for the project occurring on R38 and R35 in Bethal and her details are as follows.

Alucia Tjale
 Email: mogaler@dwa.gov.za Tel:013 932 2061/082 870 7150 Fax:013 932 2071/086 631 7097
 Dept of Water Affairs and Forestry – Mpumalanga Water Quality Management (Bronkhorstspuit)
 No 22 Rooth Street Bronkhorstspuit 1020/Private Bag X 105890 Bronkhorstspuit 1020

Regards,

Nokuthula Cebekulu



Email: cebekulun@dwa.gov.za Tel:013 932 2061/082 600 5660 Fax:013 932 2071/086 631 7097
 Dept of Water Affairs and Forestry – Mpumalanga Water Quality Management (Bronkhorstspuit)
 No 22 Rooth Street Bronkhorstspuit 1020/Private Bag X 105890 Bronkhorstspuit 1020

From: Moloto Maditsietsi (BHT)
Sent: 01 February 2011 09:36 AM
To: Cebekulu Nokuthula (BHT)
Subject: FW: DRAFT REPORTS AVAILABLE FOR COMMENT: BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF ROADS, MPUMALANGA PROVINCE

Hi

I think this application falls under your area. Please respond to the applicant.

Regards,
 Madi Moloto

"Tshepang Lefika le Molemo"

From: Jessica De Beer [mailto:Jessica@sefsa.co.za]
Sent: Monday, January 31, 2011 12:29 PM
Subject: DRAFT REPORTS AVAILABLE FOR COMMENT: BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF ROADS, MPUMALANGA PROVINCE

31 January 2010

Organ of State

WP 2: DEA Ref No: 12/12/20/2078 SEF Ref No: 503918
 WP 3: DEA Ref No: 12/12/20/2079 SEF Ref No: 503803
 WP 4: DEA Ref No: 12/12/20/2080 SEF Ref No: 503809

Dear Sir / Madam

25/02/2011

DRAFT REPORTS AVAILABLE FOR COMMENT: BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF ROADS, MPUMALANGA PROVINCE

- Work Package 2: N11 between Ermelo and Hendrina
- Work Package 3: Roads between Amersfoort and the Majuba Power Station
- Work Package 4: R38 and R35 in Bethal

Strategic Environmental Focus (SEF) (Pty) Ltd would like to thank all the interested and affected parties (I&APs) who have submitted comments on the Basic Assessment (BA) process, Water Use Licence Application and Mining Permit Application for the abovementioned projects, and for their time and effort to participate in the projects. Please rest assured that all the comments raised were passed on to the technical specialists for investigation and captured in a Comment and Response Report.

The Comment and Response Report forms part of the Draft Reports which will be made available for public review from Friday, 4 February 2011 to Wednesday, 16 March 2011 at local venues in the area (see Table 1 below), and on the SEF web site (see below for more information).

Table 1: Public venues where the Draft Reports can be viewed

Public venue	Contact person	Contact number(s)	Office hours
Hendrina Library, Municipal Building, Church Street, Hendrina	Ms Thea Naude	013 293 0516	Monday – Thursday (08:30 – 16:30) Fridays (08:30 – 13:30)
Ermelo Library, C/o Church and Taute Street, Ermelo	Ms Chrisna Calits	017 801 3621/2	Mondays (09:00 – 18:00) Tuesday – Friday (09:00 – 17:00)
Bethal Library, Market Street, Bethal	Ms Raffia Fareed	017 624 3029	Monday – Friday (09:00 – 17:00) Saturdays (08:00 – 12:00)
Amersfoort Library, C/o Bree and Plain Street, Amersfoort	Ms Simangele Masina	017 753 1205	Monday – Friday (07:45 – 16:30)

Electronic copies of the Draft Reports will be available on request from SEF or, alternatively, you can visit SEF's website at <http://www.sefsa.co.za>. To register as an I&AP, or comment on the project, click on "Stakeholder Engagement". Click on the "register" button and complete the compulsory fields to register as an I&AP. On completion of these fields, you will receive an email titled "Stakeholder Engagement – New Registration". Click on client login and use the emailed details to login and view the Proposed rehabilitation of roads in the Mpumalanga Province (WP 2, WP 3, WP 4) and associated appendices. Should you have any problems in obtaining the information from the internet, please feel free to contact SEF for assistance.

If you have any comments on the Draft Reports, please complete the Comment Sheet that is enclosed with the report and leave it in the report or return it to SEF (contact details appear on the Comment Sheet).


Meanwhile, should you have any questions, or would like to obtain more information, please do not hesitate to contact myself or Bongzi Mhlanga as follows:

Tel:	(012) 349 1307	Post:	PO Box 74785
Fax:	086 640 5815		Lynnwood Ridge
E-mail:	ctu@sefsa.co.za		Pretoria
			0040

We look forward to receiving your comments!

Sincerely

Jessica de Beer (Bscosci: Industrial Sociology and Labour Studies (Hons)) UP
 Social Scientist
 for Strategic Environmental Focus (Pty) Ltd



HEAD OFFICE		
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TEL +27 12 349 1307 FAX +27 12 349 1339	TEL +27 31 266 1277 FAX +27 31 266 6880	TEL +27 21 979 3622 FAX +27 21 979 3810
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Bongi Mhlanga

From: Thanda Zulu [thanda.z@govanmbeki.gov.za]
Sent: 04 February 2011 03:33 PM
To: Jessica De Beer
Subject: RE: DRAFT REPORTS AVAILABLE FOR COMMENT: BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF ROADS, MPUMALANGA PROVINCE
Follow Up Flag: Follow up
Flag Status: Red

I would like to register myself as an affected party related to roads in Bethal town. My details are below;

Warm Regards;

Thanda Wiseman Zulu
Manager: Public Works Section
Govan Mbeki Municipality
Tel no: 017 620 6067
Cell no: 078 139 6066
Fax: 017 631 3599
E-mail: thanda.z@govanmbeki.gov.za
" if you not growing, you dying"

From: Albert Olivier [mailto:albert.o@govanmbeki.gov.za]
Sent: 01 February 2011 01:53 PM
To: Mr T Zulu
Subject: FW: DRAFT REPORTS AVAILABLE FOR COMMENT: BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF ROADS, MPUMALANGA PROVINCE
Importance: High

Thanda,

Please attend to this as it involves the roads in Bethal.

Please keep me updated

Albert Olivier
 Deputy Director Technical and Engineering Services
 Head: Physical Development and Public Works

Govan Mbeki Municipality
 Privat Bag X1017
 Secunda
 2302
 South Africa

Tel: +27(0)17-620 6007 direct
 Cell: +27(0)82 414 3771
 Fax: +27(0)17-631 3599

www.govanmbeki.gov.za

From: Jessica De Beer [mailto:Jessica@sefsa.co.za]
Sent: 31 January 2011 12:29 PM
To: undisclosed-recipients:
Subject: DRAFT REPORTS AVAILABLE FOR COMMENT: BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF ROADS, MPUMALANGA PROVINCE

31 January 2010

Organ of State

WP 2:	DEA Ref No: 12/12/20/2078	SEF Ref No: 503918
WP 3:	DEA Ref No: 12/12/20/2079	SEF Ref No: 503803
WP 4:	DEA Ref No: 12/12/20/2080	SEF Ref No: 503809

Dear Sir / Madam

DRAFT REPORTS AVAILABLE FOR COMMENT: BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF ROADS, MPUMALANGA PROVINCE

- Work Package 2: N11 between Ermelo and Hendrina
- Work Package 3: Roads between Amersfoort and the Majuba Power Station

25/02/2011

- Work Package 4: R38 and R35 in Bethal

Strategic Environmental Focus (SEF) (Pty) Ltd would like to thank all the interested and affected parties (I&APs) who have submitted comments on the Baseline Assessment (BA) process, Water Use Licence Application and Mining Permit Application for the abovementioned projects, and for their time and effort to participate in the projects. Please rest assured that all the comments raised were passed on to the technical specialists for investigation and captured in a Comment and Response Report.

The Comment and Response Report forms part of the Draft Reports which will be made available for public review from **Friday, 4 February 2011 to Wednesday, 16 March 2011** at local venues in the area (see Table 1 below), and on the SEF web site (see below for more information).

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Bethal Library, Market Street, Bethal	Ms Raffia Fareed	017 624 3029	Monday – Friday (09:00 – 17:00) Saturdays (08:00 – 12:00)
Amersfoort Library, C/o Bree and Plain Street, Amersfoort	Ms Simangele Masina	017 753 1205	Monday – Friday (07:45 – 16:30)

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If you have any comments on the Draft Reports, please complete the Comment Sheet that is enclosed with the report and leave it in the report or return it to SEF (contact details appear on the Comment Sheet).


Meanwhile, should you have any questions, or would like to obtain more information, please do not hesitate to contact myself or Bongi Mhlanga as follows:

Tel:	(012) 349 1307	Post:	PO Box 74785
Fax:	086 640 5815		Lynnwood Ridge
E-mail:	ctu@sefsa.co.za		Pretoria
			0040

We look forward to receiving your comments!

Sincerely

Jessica de Beer (Bscsci: Industrial Sociology and Labour Studies (Hons)) UP
Social Scientist
for Strategic Environmental Focus (Pty) Ltd

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Bongi Mhlanga

From: Dlozilink [dlozilink@telkomsa.net]
Sent: 24 January 2011 01:50 PM
To: Jessica De Beer
Subject: RE: INVITATION TO COMMENT: BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF ROADS, MPUMALANGA PROVINCE
Follow Up Flag: Follow up
Flag Status: Completed

Hi! Jessica,

I know this is away from the deadline of January 10, 2011. I did not find anything to object to at the moment, however I hope you will have follow-ups meeting on this issue soon. I would like to attend.

Yours faithfully,

N.S. Sidubi (Mrs)
P.O. Box 1243
Volksrust -2470
Cell: 072 914 3808
Fax: 086 541 1880

From: Jessica De Beer [mailto:Jessica@sefsa.co.za]
Sent: 22 November 2010 03:16 PM
To: undisclosed-recipients:
Subject: INVITATION TO COMMENT: BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF ROADS, MPUMALANGA PROVINCE

22 November 2010

Interested and Affected Party

WP 2:	DEA Ref No: 12/12/20/2078	SEF Ref No: 503918
WP 3:	DEA Ref No: 12/12/20/2079	SEF Ref No: 503803
WP 4:	DEA Ref No: 12/12/20/2080	SEF Ref No: 503809

Dear Sir / Madam

INVITATION TO COMMENT: BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF ROADS, MPUMALANGA PROVINCE

- Work Package 2: N11 between Ermelo and Hendrina
- Work Package 3: Roads between Amersfoort and the Majuba Power Station
- Work Package 4: R38 and R35 in Bethal

- Enclosed document(s): *Background Information Document*

Eskom has embarked on a road repair programme to address the current unsafe conditions on the roads that are currently servicing their power stations (i.e. Camden and Majuba). NETGroup Consortium (including, among others, Bigen Africa Services (Pty) Ltd and Strategic Environmental Focus (Pty) Ltd (SEF)) was appointed by Eskom to undertake the engineering and environmental service components of the project.

Based on the nature or preliminary designs of the proposed project, Eskom will require an Environmental Authorisation from the Department of Environmental Affairs (DEA), Mining Permit for the excavation of material for use as road construction material from the Department of Mineral Resources (DMR) and a Water Use License Authorisation from the

25/02/2011

Department of Water Affairs (DWA). The latter will be for the abstraction of water from nearby water sources for construction purposes as well as the potential widening of bridges.

Strategic Environmental Focus (Pty) Ltd, as an independent environmental consultant, will therefore conduct the aforementioned Basic Assessment (BA), Water Use License Application (WULA) and Mining Permit Applications. This will include specialist investigations, the compilation of an Environmental Management Programme report (EMPr) as well as the public participation process (PPP) required for all of the abovementioned processes.

The proposed project includes the upgrade and repair of several roads located within the proximity of Ermelo, Bethal, Hendrina and Amersfoort. Please note that separate environmental applications will be submitted for each section of the road, also referred to as Work Packages (WP):

- WP 2: N11 between Hendrina and Ermelo;
- WP 3: Amersfoort to Majuba; and
- WP 4: Bethal.

Kindly refer to the attached Background Information Document (BID) for additional information on the location and description of the project as well as maps indicating the locality of each of the WPs.

The PPP is an integral part of the application process for the BA, WULA and Mining Permit Applications and continues throughout the environmental process. The key objective of public participation process is to assist stakeholders to identify issues of concern and suggestions for enhanced benefits, and to comment on the findings of the BA report and EMPr.

Interested and affected parties (I&APs) have an opportunity to comment by providing comments and/or suggestions for enhanced benefits and/or alternatives and to ensure that the Competent Authorities, the DEA, DWA and DMR has sufficient information to make a decision. Please note that although separate applications will be submitted to the relevant authorities for each work package, it is important that an integrated process is followed and information is provided in a holistic manner in order to add benefit and meaning to the process. I&APs are requested to clearly indicate which WP their comment are related to, whether it is only one work package or all three.

Should you wish to participate in the environmental process by contributing comments or issues of concern, please register as an I&AP by completing the enclosed Registration and Comment Sheet and forward it to SEF as follows:

Tel:	(012) 349 1307	Post:	PO Box 74785
Fax:	086 640 5815		Lynnwood Ridge
E-mail:	ctu@sefsa.co.za		Pretoria
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Alternatively, you can visit SEF's website at <http://www.sefsa.co.za>, click on "Stakeholder Engagement". Click on the "register" button and complete the compulsory fields to register as an I&AP. On completion of these fields, you will receive an email entitled "Stakeholder Engagement – New Registration". Click on client login and use the emailed details to login in and submit comments.

Please ensure that you forward your comments to us by no later than **Monday, 10 January 2010**. Once we have received your comments, it will be incorporated into the draft BA report and EMPr, which will be made available for comment during January 2011. Please be assured that all registered I&APs will be notified of where and when the reports will be available for review.

Meanwhile, should you have any questions, or would like to obtain more information, please feel free to contact myself, or Bongzi Mhlanga at the contact details provided above.


We look forward to receiving your comments!

Yours sincerely

Kindly note that SEF will be closed for business from 12:00 on 15 December 2010 and re-open on 3 January 2011. We would like to thank all our clients and suppliers for your continued support and wish you a happy festive season and prosperous new year.

Jessica de Beer (Bsocsci: Industrial Sociology and Labour Studies (Hons)) UP
Social Scientist
for **Strategic Environmental Focus (Pty) Ltd**

25/02/2011

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<http://www.eset.com>



BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED UPGRADE AND REPAIR OF ROADS WITHIN THE MPUMALANGA PROVINCE

REGISTRATION AND COMMENT SHEET



WP 2: SEF Ref No: 503918 / WP 3: SEF Ref No: 503803 / WP 4: SEF Ref No: 503809

Title: <i>Mr</i> Name: <i>Mike</i>		<i>problem.</i>	
Surname: <i>BEESLAK</i>			
Company Name / Interest: <i>Eskom UCG</i>		<i>UCG is a surface mining process.</i>	
Postal or Residential Address:		<i>Surface borrow pits will negatively affect our mine plans and production plans.</i>	
<i>P.O. Box 382</i>			
Area: <i>Nokeng</i>		Please provide details of any friends/colleagues whom you would like to be added to the mailing list:	
Postal Code: <i>2470</i>		Name: <i>Dr. Mark</i>	
Tel: <i>(017) 999 3705</i>		Surname: <i>van der Riet</i>	
Fax: <i>()</i>		Company name: <i>Eskom</i>	
Mobile: <i>083 653 7662</i>			
Email address: <i>mike.beeslaak@eskom.co.za</i>			
Please mark with an X to indicate whether you would like to participate in the environmental process:		Tel: <i>(011) 629 5155</i>	
Yes, I would like to participate in this process <input checked="" type="checkbox"/>		Fax: <i>()</i>	
No, I am not interested in participating <input type="checkbox"/>		Mobile: <i>083 529 8688</i>	
Date commented: <i>10/01/2011 04/01/2011</i>		Email address: <i>vdrietm@eskom.co.za</i>	
Select area of concern (please mark all applicable)		Postal or Residential Address:	
WP2 <input type="checkbox"/> WP3 <input checked="" type="checkbox"/> WP4 <input type="checkbox"/> RA <input checked="" type="checkbox"/> Mining <input checked="" type="checkbox"/> Water <input type="checkbox"/>		<i>Private Bag 40175</i>	
COMMENTS (You are welcome to attach separate sheets)		<i>Cleveland</i>	
The following issues must be considered:		<i>2022</i>	
<p>① Eskom is only the owner of portion 1, 2 and remainder of extent of the farm Koedoesjies 687 HS. Portion 4 is not owned by Eskom.</p> <p>② Portions 2, 3 & the remainder extent of the farm Koedoesjies is being utilised by the UCG project. The area is currently being fenced in - Access control will be a</p>		<p>Please complete and return to SEF by no later than Monday, 10 January 2011.</p> <p>Attention: Jessica de Beer/Bongi Mhlanga Fax: 086 640 5815 Email: clu@sefisa.co.za Post: PO-Box 74785, Lynnwood Ridge, 0040</p> <p>Please feel free to phone us on (012) 349 1307 should you not have access to a fax or E-mail facility.</p> <p>Thank you for your participation.</p> <p>Please rest assured that your comments will form part of the final Basic Assessment Report that will be submitted to the decision making authority.</p>	





Jessica De Beer

From: Bongji Mhlanga
Sent: 03 January 2011 10:03 AM
To: Jessica De Beer
Subject: FW: Registration as an Interested Stakeholder

From: Shabangu Sampie Howard (NSP) [mailto:ShabanguS2@dwa.gov.za]
Sent: 17 December 2010 02:16 PM
To: CTU
Subject: Registration as an Interested Stakeholder

Dear Bongji/ Jessica

Kindly register the Department of Water Affairs as an interested party.

Regards;

Sampie H. Shabangu *Cand. Sci. Nat.*

Department of Water Affairs
Directorate: Institutions Establishment
Sub- Directorate: SEA/SFRA
Private Bag X 11259
Nelspruit, 1200
Tel 013 759 7300/ 7542

DISCLAIMER:

This message and any attachments are confidential and intended solely for the addressee. If you have received this message in error, please notify the system manager/sender. Any unauthorized use, alteration or dissemination is prohibited. The Department of Water Affairs further accepts no liability whatsoever for any loss, whether it be direct, indirect or consequential, arising from this e-mail, nor for any consequence of its use or storage.

BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED UPGRADE AND REPAIR OF ROADS WITHIN THE MPUMALANGA PROVINCE

REGISTRATION AND COMMENT SHEET



WP 2: SEF Ref No: 503918 / WP 3: SEF Ref No: 503803 / WP 4: SEF Ref No: 503809

Title: <u>Mr</u> Name: <u>Mike</u>		<u>problem.</u>	
Surname: <u>BEESLAAR</u>			
Company Name / Interest: <u>Eskom UCG</u>		<u>UGG is a surface mining process.</u>	
Postal or Residential Address: <u>P.O. Box 382</u>		<u>Surface borrow pits will negatively affect our mine plans and production plans.</u>	
Area: <u>Volkstrand</u>		Please provide details of any friends/colleagues whom you would like to be added to the mailing list:	
Postal Code: <u>2470</u>		Name: <u>Dr. Mark</u>	
Tel: <u>(017) 799 3705</u>		Surname: <u>van der Riet</u>	
Fax: <u>()</u>		Company name: <u>Eskom</u>	
Mobile: <u>083 653 7662</u>			
Email address: <u>mike.beeslaar@eskom.co.za</u>			
Please mark with an X to indicate whether you would like to participate in the environmental process:		Tel: <u>(011) 629 5155</u>	
Yes, I would like to participate in this process <input checked="" type="checkbox"/>		Fax: <u>()</u>	
No, I am not interested in participating <input type="checkbox"/>		Mobile: <u>083 529 8688</u>	
Date commented: <u>(04/01/2011) 04/01/2011</u>		Email address: <u>vdrietm@eskom.co.za</u>	
Select area of concern (please mark all applicable)		Postal or Residential Address: <u>Private Bag 40175</u>	
WP2 <input type="checkbox"/> WP3 <input checked="" type="checkbox"/> WP4 <input type="checkbox"/> BA <input checked="" type="checkbox"/> Mining <input checked="" type="checkbox"/> Water <input type="checkbox"/>		<u>Cleveland</u>	
COMMENTS (You are welcome to attach separate sheets)		<u>702</u>	
The following issues must be considered:			
① Eskom is only the owner of Portion 1, 2, 3 and remainder of extent of the farm Roodekoppies 67 HS. Portion 4 is not owned by Eskom.		<p>Please complete and return to SEF by no later than Monday, 10 January 2011.</p> <p>Attention: Jessica de Beer/Bongi Mhlanga Fax: 086 640 5815 Email: clu@seisa.co.za Post: P.O. Box 74785, Lynnwood Ridge, 0040</p> <p>Please feel free to phone us on (012) 349 1307 should you not have access to a fax or E-mail facility.</p> <p>Thank you for your participation.</p> <p>Please rest assured that your comments will form part of the final Basic Assessment Report that will be submitted to the decision making authority.</p>	
② Portions 2, 3 & the remainder extent of the farm Roodekoppies is being utilised by the UCG project. The area is currently being fenced in - Access control will be a			

BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED UPGRADE AND REPAIR OF ROADS WITHIN THE MPUMALANGA PROVINCE

REGISTRATION AND COMMENT SHEET

S.E.F

STRATEGIC ENVIRONMENTAL FOCUS



WP 2: SEF Ref No: 503918 / WP 3: SEF Ref No: 503803 / WP 4: SEF Ref No: 503809

Title: <u>MR</u> Name: <u>ALBERT</u>					
Surname: <u>CHICKER</u>					
Company Name / Interest: <u>Govan Mbeki</u>					
<u>Municipality</u>					
Postal or Residential Address:					
<u>Private Bag X1017</u>					
<u>SecunonA</u>					
Area:		Please provide details of any friends/colleagues whom you would like to be added to the mailing list:			
Postal Code: <u>2302</u>					
Tel	<u>(017) 620 6007</u>	Name:			
Fax	<u>(017) 6313 599</u>	Surname:			
Mobile	<u>082 414 3771</u>	Company name:			
Email address: <u>albert.o@govanmbeki.gov.za</u>					
Please mark with an X to indicate whether you would like to participate in the environmental process:		Tel ()			
Yes, I would like to participate in this process <input checked="" type="checkbox"/>		Fax ()			
No, I am not interested in participating <input type="checkbox"/>		Mobile			
Date commented	<u>09/12/2010</u>	Email address:			
Select area of concern (please mark all applicable)		Postal or Residential Address:			
WP 2	WP 3	<input checked="" type="checkbox"/> WP 4	BA	Mining	Water
COMMENTS (You are welcome to attach separate sheets)					
The following issues must be considered:					
1) How are traffic on the R35/38 be accommodated during construction.					
2) How is retention going to be guaranteed in the coal transport.					
Please complete and return to SEF by no later than Monday, 10 January 2011.					
Attention: Jessica de Beer/Bongi Mhlanga					
Fax: 086 640 5815					
Email: clu@sef.co.za					
Post: PO Box 74785, Lynnwood Ridge, 0040					
Please feel free to phone us on (012) 349 1307 should you not have access to a fax or Email facility.					
Thank you for your participation.					
Please rest assured that your comments will form part of the final Basic Assessment Report that will be submitted to the decision making authority.					

BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED UPGRADE AND REPAIR OF ROADS WITHIN THE MPUMALANGA PROVINCE

REGISTRATION AND COMMENT SHEET



WP 2: SEF Ref No: 503918 / WP 3: SEF Ref No: 503803 / WP 4: SEF Ref No: 503809

Title: Mrs Name: Ashlea		Rehab of the R35 from	
Surname: Strong		Morgenzon to Amersfoort.	
Company Name / Interest: Lidwala Consulting Engineers		Please ensure that Bigen liaise with them with	
Postal or Residential Address: P O Box 4221		regards to the intersection R35 / P 9711	
Area: Northcliff		Please provide details of any friends/colleagues whom you would like to be added to the mailing list:	
Postal Code: 2115		Name:	
Tel	(087) 351 5145	Surname:	
Fax	(086) 686 1628	Company name:	
Mobile	—	Email address:	
Email address: astrong@lidwala.com		Tel ()	
Please mark with an X to indicate whether you would like to participate in the environmental process:		Fax ()	
Yes, I would like to participate in this process	YES X	Mobile	
No, I am not interested in participating	NO	Email address:	
Date commented	(04/12/2010)	Postal or Residential Address:	
Select area of concern (please mark all applicable)			
WP 2 X	WP 3 X	WP 4 X	BA X Mining X Water X
COMMENTS (You are welcome to attach separate sheets)			
The following issues must be considered:			
<p><u>Work Package 2:</u> Lidwala are the consulting engineers for the rehab of the R37 (P50) to the south of Ermelo towards Morgenzon. Please note that there will be substantial road/traffic disruptions in the area - this may affect your PPP process.</p>		<p>Please complete and return to SEF by no later than Monday, 10 January 2011:</p> <p>Attention: Jessica de Beer/Bongi Mhlanga Fax: 086 640 5815 Email: ctu@sefsa.co.za Post: PO Box 74785; Lynnwood Ridge, 0040</p> <p>Please feel free to phone us on (012) 349 1307 should you not have access to a fax or E-mail facility.</p> <p>Thank you for your participation.</p> <p>Please rest assured that your comments will form part of the final Basic Assessment Report that will be submitted to the decision making authority.</p>	
<p><u>Work Package 3:</u> Lidwala together with PDNA are the consulting Engineers for the</p>			





(PTY) LTD (EOM) BPK Reg. No. 55708083/07
VAT No. 4790192268

HEAD OFFICE

168 RIETFontein RD, PRIMROSE
P.O. BOX 1476, GERMISTON, 1400
TEL: 011 828 0279
FAX: 011 828 0273
www.roadlab.co.za
info@roadlab.co.za

41 YEARS. Est. 1965

Name H A OOSTHUIZEN (HENNIE)
Farm PALMIETSPRUIT
Postal Address 110
AMARERSFOORT
Tel 082 37 34 374
Date 09/10/2010

Dear Sir,

i/s: ACQUISITION OF ROAD BUILDING MATERIAL : ROAD P9711 & D0514 MAJUBA TO
AMARERSFOORT

It is hereby confirmed that the firm Roadlab has been given permission to enter my property for the purpose of sampling material for road building purposes.
The holes will be closed after sampling by Roadlab.

Yours Faithfully

[Signature]
Farm Owner Signature

[Signature]
For Roadlab



(PTY) LTD (EDMS) BPK Reg. No. 65/09083/07
VAT No. 4790192266

HEAD OFFICE

168 RIETFontein RD, PRIMROSE
P.O. BOX 1476, GERMISTON, 1400
TEL: 011 828 0279
FAX: 011 828 0273
www.roadlab.co.za
info@roadlab.co.za

41 YEARS. Est. 1965

Name B. J. GROBLER

Farm VZERUARKFON TEIN

Postal Address Box 2
BETHAL
2310
0823880550


Date 15/10/2010

Dear Sir,

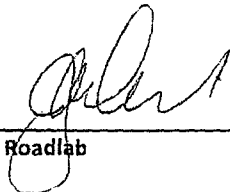
i/s: ACQUISITION OF ROAD BUILDING MATERIAL : ROAD P301

It is hereby confirmed that the firm Roadlab has been given permission to enter my property for the purpose of sampling material for road building purposes.
The holes will be closed after sampling by Roadlab.

Yours Faithfully



Farm Owner Signature



For Roadlab

well as the widening of bridges. All three of these applications will require an Environmental Management Programme report (EMPr) as part of the application.

NETGroup consortium (a coalition of companies consisting of, among others, Bigen Africa Services (Pty) Ltd and Strategic Environmental Focus (Pty) Ltd (SEF)) was appointed by Eskom to undertake the engineering and environmental service components of the project.

Strategic Environmental Focus (Pty) Ltd, as an independent environmental consultant, will therefore conduct the BA, WULA and Mining Permit Application. This will include specialist investigations, the compilation of the EMPrs as well as the public participation process required for all of the abovementioned processes.

Approving & Commenting Authorities

Given that Eskom is classified as a Parastatal, NEMA requires that the DEA be the decision-making authority on the BA report and EMPr, in close liaison with the Mpumalanga Department of Economic Development, Environment and Tourism (MDEDET) as a key commenting authority on the application.

The DEA has to reach a decision as to whether the project may proceed, and under what conditions, based on environmental considerations. An Environmental Authorisation will be issued by the DEA, based on the information provided in the BA report and EMPr.

Similarly, the DMR will make a decision on the Mining Permit and the DWA on the WULA.

As part of the public participation process, all relevant state departments will be informed of the project and need to provide comment in order to inform the various decisions.


In addition to the above, other key stakeholders, such as SANRAL, GAUTRANS, Mpumalanga Department of Public Works, Roads and Transport (MDPWRT) and all of the relevant local municipalities will also be consulted with. It is important to note that, after the completion of the project, Eskom will hand the roads over to the relevant authorities (i.e. SANRAL, MDPWRT and the local authorities) for maintenance and operational purposes.

Location and description of the project

The proposed project includes the upgrade and repair of several roads within the following local municipalities:

- Govan Mbeki Local Municipality;
- Pixley Ka Seme Local Municipality;
- Msukeligwa Local Municipality; and
- Steve Tshwete Local Municipality.

The three main sections of road, are located in the areas of Ermelo, Bethal, Hendrina and Amersfoort and is indicated in Figure 1, 2 and 3.

BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED UPGRADE AND REPAIR OF ROADS WITHIN THE MPUMALANGA PROVINCE			
REGISTRATION AND COMMENT SHEET			
WP 2: SEF Ref No: 503918 / WP 3: SEF Ref No: 503803 / WP 4: SEF Ref No: 503809			
Title: <i>Mev.</i>	Name: <i>Elsie Magalera</i>		
Surname:	<i>Betha</i>		
Company Name / Interest: <i>Waterkulturas</i>			
Postal or Residential Address:			
<i>Postbus 604</i>			
Area: <i>Ermelo</i>	Please provide details of any friends/colleagues whom you would like to be added to the mailing list:		
Postal Code: <i>0350</i>			
Tel: <i>(017) 811 4080</i>	Name:		
Fax: <i>(017) 811 5723</i>	Surname:		
Mobile: <i>071 4732 514</i>	Company name:		
Email address: <i>hermanbetha@vphos.com</i>		Tel: ()	
Please mark with an X to indicate whether you would like to participate in the environmental process:		Fax: ()	
Yes, I would like to participate in this process		Mobile	
No, I am not interested in participating		Email address:	
Date commented: <i>19/1/2011</i>		Postal or Residential Address:	
Select area of concern (please mark all applicable)			
<input checked="" type="checkbox"/> WP 2	<input type="checkbox"/> WP 3	<input type="checkbox"/> WP 4	<input type="checkbox"/> BA
<input type="checkbox"/> Mining	<input type="checkbox"/> Water		
COMMENTS (You are welcome to attach separate sheets)			
The following issues must be considered:			
<i>See attached letter</i>			
Please complete and return to SEF by no later than Monday, 10 January 2011:			
Attention: <i>Jessica de Beer/Bongi Mhlanga</i> Fax: <i>086 640 5815</i> Email: <i>ctu@sefa.co.za</i> Post: PO Box 74785, Lynnwood Ridge, 0040			
Please feel free to phone us on (012) 349 1307 should you not have access to a fax or E-mail facility.			
Thank you for your participation.			
Please rest assured that your comments will form part of the final Basic Assessment Report that will be submitted to the decision making authority.			

9/1/11

Aandag Jessica de Beer.

THE FOLLOWING ISSUES MUST BE CONSIDERED:

Due to the fact that the road is being made wider and that the road is already very busy and on a blind rise, it makes it very difficult to transfer cattle across the road. We therefore request that a cattle walkway be built under the road in order to facilitate the moving of the cattle from the one side of the farm to the other.



EM BOTHA

A.J.F. DAVEL BOERDERY

Posbus 177
Hendrina 1095

3 Januarie 2011

ATTENTION; Jessica de Beer

WORK PACKAGE 2. N11 between Ermelo and Hendrina.

I am the owner of portion 1 of the farm Oranje Vallei 201 IS and portion 2 of the farm Tweefontein 203 IS.

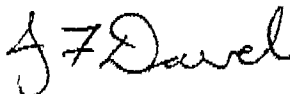
My property is on both sides of the road. From time to time my cattle must cross the road as well as tractors with trailers. **It is already a problem at the moment.** We'll have to discuss the issue, because it is unsafe as it is at the moment. If traffic are going to increase more, it is going to be impossible to cross the road. It is a dangerous spot. It is definitely a matter of concern.

Keep me informed of the progress and meetings in the future.

My cel No. is 0837343188 or 0132937790

Thank you

J.F. DAVEL(Jannie)





H. MULLER
P.O. BOX 244
AMERSFOORT
2490

3 Desember 2010

S.F.F.
P.O.Box 74785
Lynnwood Ridge
PRERORIA
0040

Dear Sir/Madam,

PROPOSED REHABILITATION OF ROADS BETWEEN AMERSFOORT AND
MAJUBA POWER STATION : SEF Ref. No. 503803

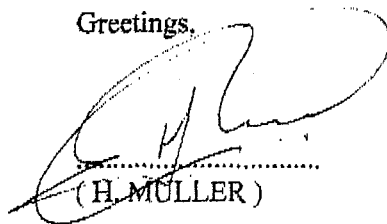
Eskom is congratulated with the proposed upgrading of the road from Amersfoort town to Majuba power station.

The only concern from my side is. Where will the coal trucks and other traffic, travelling through Amersfoort be diverted to during the upgrading process.

The roads in Amersfoort suburbs are gravel roads. The **dust** and noise will be devastating. In the raining season the roads will be unusable.

Your concern in this regard will be appreciated.

Greetings.



(H. MULLER)

017 753 1911
082 857 6219

C/O LILIAN NGOYI & BEYER'S NAUDE
STREETS
MIDDELBURG, 1050, MPUMALANGA
Republic of South Africa



Private Bag X1800
MIDDELBURG 1050
+27 (13) 243 4546
+27 (13) 242 6410
E-Mail @ it.mpr.gov.za

Department of Public Works, Roads and Transport

Commissioner Steve Zhiswele

Litiko Letemisebenti Yemphakatsi, Temigwaco Nefekutfutsa	Departement van Openbare Werke, Paaie en Vervoer	UmnYango wezamiSebe zi yonaBuso, zeeNdiela r azokuThutha
---	---	---

FAX TRANSMISSION

NAME OF COMPANY	S.E.F
ATTENTION	J. de Beer
FAX NUMBER	086 640 5815
FROM	B. Viljoen
DATE	23 Nov 2010.
PAGES INCLUDING COVER	2
Rehabilitation of Roads - Mpumalanga Provinces.	

- 1. Urgent
- 2. For Review
- 3. Please Comment

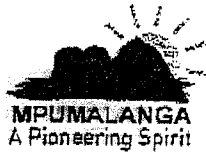
MESSAGE

Attached Letter for your information

[Handwritten signature]

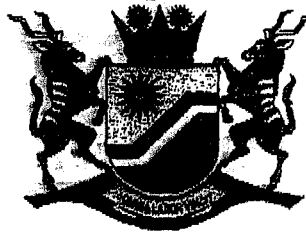
WITH COMPLIMENT! SIYABONGAI! DANKIE!

NB: IN THE EVENT OF ANY QUERIES REGARDING THIS FAX, PLEASE DO NOT HESITATE TO CONTACT US AT _____



MPUMALANGA PROVINCIAL GOVERNMENT

C/O LILIAN NGOYI & BEYER'S NAUDE
STREETS
MIDDELBURG, 1050. MPUMALANGA
Republic of South Africa



Private Bag X1800
MIDDELBURG 1050
+27 (13) 843 4546
+27 (13) 882 6410
E-Mail @ mpumalanga.gov.za

Department of Public Works, Roads and Transport Steve Tshwete

Litiko Letemleebenti Yemphakatsi,
Temigwaco Netekutfutsa

Departement van Openbare Werke,
Paale en Vervoer

UmNyango wezemisebenzi yomBuso,
zeeNdlala nezokuThutha

REF: F07-10/4/2/1 Vol 2
INQ B.C. VILJOEN

CHIEF ROAD SUPERINTENDENT
NKANGALA DISTRICT

23-Nov-10

S.E.F.
P.O. BOX 7978
NELSPRUIT
1200

RE: REHABILITATION OF ROADS, MPUMALANGA PROVINCE.
ROADS N11, R38 AND R35.

This office acknowledge receipt of the letter dated 22.11.2010.

It has to be mentioned that the above mentioned roads belongs to S.A.N.R.A.L.

The Department of Public Works, Roads and Transport will not be part of the affected parties.

CHIEF ROAD SUPERINTENDENT
NKANGALA DISTRICT.
BV/SVR



ATT. JESSICA DE BEER

P.01

BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED UPGRADE AND REPAIR OF ROADS WITHIN THE MPUMALANGA PROVINCE

REGISTRATION AND COMMENT SHEET



WP 2: SEF Ref No: 503918 / WP 3: SEF Ref No: 503803 / WP 4: SEF Ref No: 503809

TOTAL P.01

TO 0866405815

FROM S M ABRAHAM

14:06

15-DEC-2010

Title: MNR Name: JOHN		
Surname: SCHICKERLING		
Company Name / Interest:		
Postal or Residential Address:		
P.O. BOX 776		
FANT TWEEFONTEIN		
Area: HEADRINA		Please provide details of any friends/colleagues whom you would like to be added to the mailing list:
Postal Code: 1095		Name:
Tel: 103 293 7812		Surname:
Fax:		Company name:
Mobile: 084 581 3049		
Email address:		
Please mark with an X to indicate whether you would like to participate in the environmental process:		Tel: ()
Yes, I would like to participate in this process <input checked="" type="checkbox"/>		Fax: ()
No, I am not interested in participating <input type="checkbox"/>		Mobile:
Date commented: 15/12/2010		Email address:
Postal or Residential Address:		
Select area of concern (please mark all applicable)		
<input checked="" type="checkbox"/> WP 3 <input type="checkbox"/> WP 4 <input type="checkbox"/> BA <input checked="" type="checkbox"/> Other		
COMMENTS (You are welcome to attach separate sheets)		
The following issues must be considered:		
<p>Please complete and return to SEF by no later than Monday, 10 January 2011:</p> <p>Attention: Jessica de Beer/Bongi Mhlanga Fax: 086 640 5815 Email: cu@seisa.co.za Post: PO Box 74786, Lynnwood Rdg, 0040</p> <p>Please feel free to phone us on (012) 349 1307 should you not have access to a fax or E-mail facility.</p> <p>Thank you for your participation.</p> <p>Please rest assured that your comments will form part of the final Basic Assessment Report that will be submitted to the decision making authority.</p>		



BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED UPGRADE AND REPAIR OF ROADS WITHIN THE MPUMALANGA PROVINCE

REGISTRATION AND COMMENT SHEET

S.E.F

STRATEGIC ENVIRONMENTAL FOCUS



WP 2: SEF Ref No: 503918 / WP 3: SEF Ref No: 503803 / WP 4: SEF Ref No: 503809

Title: V.S Name: Velegu Selling						
Surname: Nkoso						
Company Name / Interest: DEB Trading 18						
Postal or Residential Address: 3011 Everest Park.						
Wesselton Location						
Area: ERMELO	Please provide details of any friends/colleagues whom you would like to be added to the mailing list:					
Postal Code: 2350						
Tel: (017) 811 4827	Name: Nomasonto Bude					
Fax: (017) 819 2037	Surname: Mabuza					
Mobile:	Company name: DEB Trading 18					
Email address:						
Please mark with an X to indicate whether you would like to participate in the environmental process:		Tel: (017) 811 4827				
Yes, I would like to participate in this process <input checked="" type="checkbox"/>		Fax: (017) 819 2037				
No, I am not interested in participating <input type="checkbox"/>		Mobile:				
Date commented: 08/12/2010		Email address:				
Select area of concern (please mark all applicable)		Postal or Residential Address: 3011 Everest Park				
WP 2 <input checked="" type="checkbox"/>	WP 3 <input checked="" type="checkbox"/>	WP 4 <input checked="" type="checkbox"/>	BA <input checked="" type="checkbox"/>	Mining <input checked="" type="checkbox"/>	Water <input checked="" type="checkbox"/>	Wesselton Location
COMMENTS (You are welcome to attach separate sheets)						ERMELO
The following issues must be considered:						2350
No Comments						
Please complete and return to SEF by no later than Monday, 10 January 2011:						
Attention: Jessica de Baer/Bongi Mhlanga						
Fax: 086 640 5815						
Email: ctf@sefsa.co.za						
Ppatt: PO Box 74785, Lynnwood Ridge, 0040						
Please feel free to phone us on (012) 349 1307 should you not have access to a fax or E-mail facility.						
Thank you for your participation.						
Please rest assured that your comments will form part of the final Basic Assessment Report that will be submitted to the decision making authority.						

Ms Bongzi Mhlanga
Strategic Environmental Focus
PO Box 74785
LYNNWOOD RIDGE
0040

Date:
07 December 2010

Enquiries:
Annelien Pretorius
Tel: 012 421 3046
Fax: 012 421 4793

Dear Ms Mhlanga

BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED UPGRADE AND REPAIR OF THE ROAD BETWEEN HENDRINA AND ERMELO

Eskom Ref: SO/262/11

Your Ref: 503803

We refer to your application dated November 2010.

This application affects various Eskom Distribution power lines and services, which traverses the above area. The approximate positions of these power lines are indicated on the attached sketch.

Eskom Distribution has in principle no objection to the above mentioned application provided the following conditions are adhered to:-

1. There is a 9 metres and 11 metres building and tree restriction either side of the centre line of the 22kV and 88kV power lines respectively, which must be adhered to in all future development and construction. This office should receive an application for construction near their services upon which Eskom will then comment accordingly.
2. Eskom can not guarantee the exact position of the underground electrical cables and therefore the applicant's site representatives must expose the cables by hand, in order to establish their location. Eskom's cables must be placed in sleeves encased in concrete across the width of the servitude, at the applicant's expense where frequent excavations occur in the cable area.
3. Eskom Distribution's services and equipment must be acknowledged at all times and may not be tampered or interfered with. It is important to acknowledge and respect Eskom's Distributions services at all times. It will be required of the developer to familiarise him/her self with all safety hazards related to electrical plant.
4. Eskom's consent will not relieve the applicant from obtaining the necessary statutory, land owner or municipal approvals.

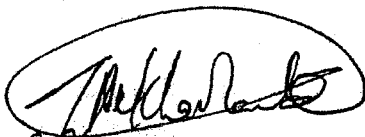
**Northern Region
Network Services**
Gobie Street Extension 1 Newlands 0049 PO Box 36099 Menlo Park 0102 SA
Tel +27 12 3031 Fax +27 12 421 3330 www.eskom.co.za

Directors: PM Makwana (Chairman) BA Dames (Chief Executive) LCZ Cele SD Dube BL Fanaroff LG Josefsson (Swedish)
HB Lee (Korean) WE Lucas-Bull B Mehloakulu J Mirenge (Rwandan) JRD Modise
PS O'Flaherty U Zikalala (Executive Director) Company Secretary: B Mbomvu
Eskom Holdings Limited Reg No 2002/015527/06

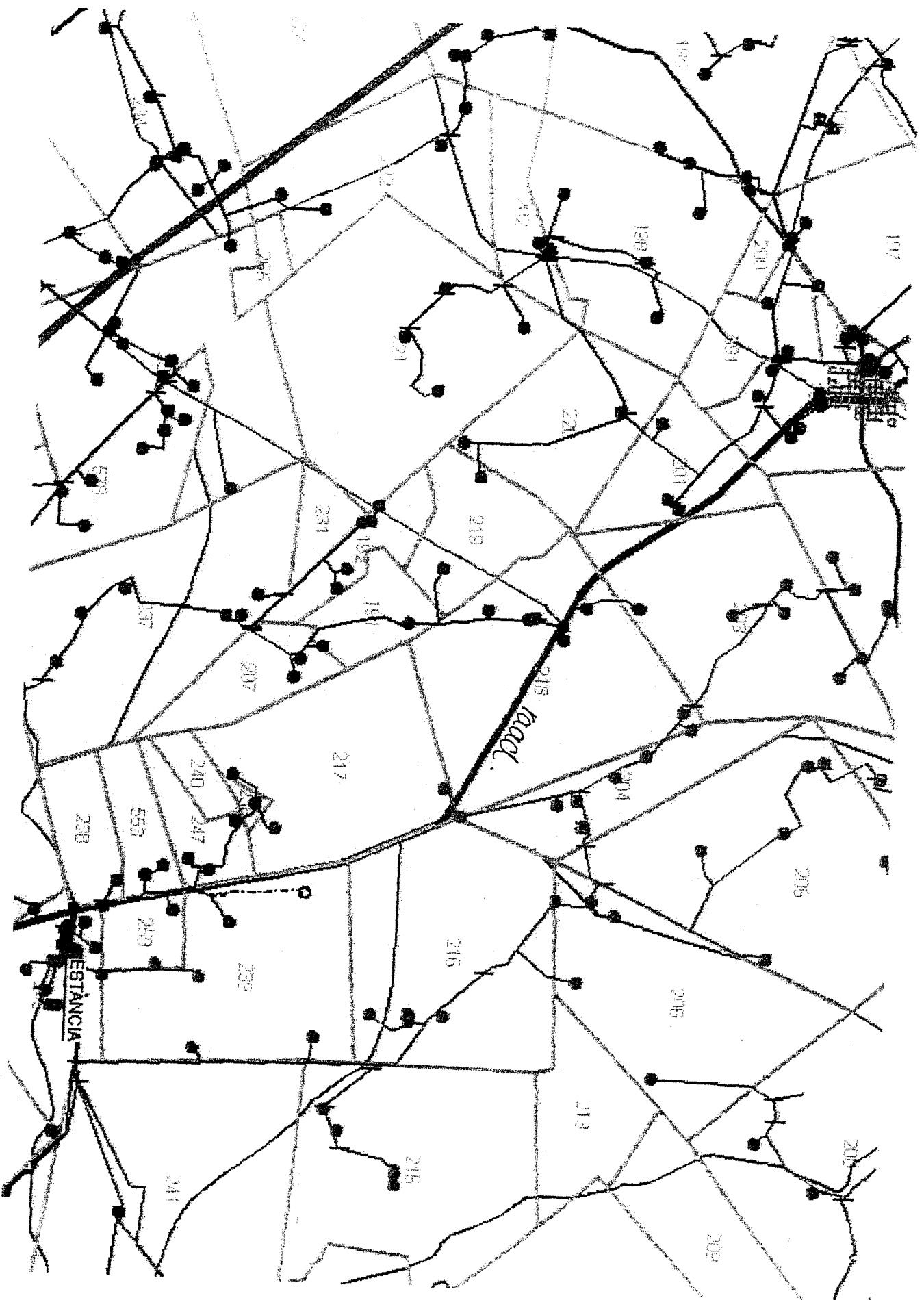


5. Natural ground level must be maintained within Eskom Distribution reserve area and servitudes.
6. Eskom Distribution shall at all times retain unobstructed access to and egress from its services.
7. Eskom Distribution shall not be liable for the death of or injury to any person or for the loss of or damage to any property whether as a result of the encroachment or of the use of the area where Eskom Distribution has its services, by the applicant, his/her agent, contractors, employees, successors in title and assigns.
8. The applicant indemnifies Eskom against loss, claims or damages including claims pertaining to interference with Eskom Distribution services or apparatus or otherwise. The applicant's attention is drawn to section 27(3) of the Electricity Act 1987, as amended in 1994, which stipulates that the applicant can be fined and/or imprisoned as a result of damage to Eskom's apparatus.
9. No construction work may be executed closer than nine metres from any of Eskom's structures or the middle of the power line servitude and no squatting to be allowed in the servitude area.
10. No tree shall be planted within the servitude area or be allowed to grow to a height in excess of the horizontal distance of that tree from the nearest conductor of any power line or to grow in such a manner as to endanger that line should it fall or be cut down.
11. The effective management and handling of waste is of crucial importance. No dumping shall be allowed within Eskom Distribution Servitudes. All unwanted waste (gaseous, liquid or solids) should be disposed of at a registered waste disposal site as stipulated under Section 20 of the Environmental Conservation Act (Act 73 of 1989).
12. Any relocation of Eskom's services, due to this development, will be for the account of the Developer. The Developer will also be responsible for granting Eskom an alternative route for the power line. Regarding any power line deviation, please contact Eskom Customer Contact Centre; 08600 37566 in connection with cost.

Yours faithfully



P. L. Human
LAND DEVELOPMENT MANAGER



Jessica De Beer

From: Jessica De Beer
Sent: 03 January 2011 10:46 AM
To: 'shabanguS2@dwa.gov.za'
Cc: Bongi Mhlanga
Subject: RE: BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF ROADS IN MPUMALANGA

Tracking: Recipient Delivery
'shabanguS2@dwa.gov.za'
Bongi Mhlanga Delivered: 03/01/2011 10:46 AM

3 January 2011

Department of Water Affairs: Institutions Establishment

E-mail: shabanguS2@dwa.gov.za

WP 2: DEA Ref No: 12/12/20/2078 SEF Ref No: 503918
WP 3: DEA Ref No: 12/12/20/2079 SEF Ref No: 503803
WP 4: DEA Ref No: 12/12/20/2080 SEF Ref No: 503809

Dear Mr Shabangu

RE: BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF:

- Work Package 2: The N11 between Ermelo and Hendrina
Work Package 3: Roads between Amersfoort and the Majuba Power Station
Work Package 4: The R38 and R35 in Bethal

Strategic Environmental Focus (SEF) (Pty) Ltd would like to acknowledge and thank you for forwarding your registration to us for the abovementioned project. SEF values your inputs and have registered you as an Interested and Affected Party (I&AP) on our stakeholder database.

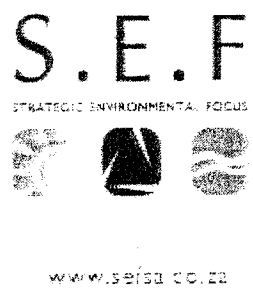
Please be assured that comments raised, as well as responses to these comments, will be addressed in a Comment and Response Report, which will form part of the Draft Basic Assessment Report.

Once finalised, the Draft Basic Assessment Report will be made available for public review. Additional information regarding the public review of the document, such as review dates, will be communicated to you once the report has been finalised.

Please do not hesitate to contact us, should you require any additional information.

Yours sincerely

Jessica de Beer (Bsocsci: Industrial Sociology and Labour Studies (Hons)) UP
Social Scientist
for Strategic Environmental Focus (Pty) Ltd



Advertisement for Strategic Environmental Focus (SEF) with contact information for Head Office, Pretoria, KwaZulu-Natal, and Cape Town.

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Jessica De Beer

From: Jessica De Beer
Sent: 03 January 2011 10:47 AM
To: 'tpdutoit@mweb.co.za'
Cc: Bongzi Mhlanga
Subject: RE: BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF ROADS IN MPUMALANGA

Tracking: **Recipient** **Delivery**
 'tpdutoit@mweb.co.za'
 Bongzi Mhlanga Delivered: 03/01/2011 10:47 AM

3 January 2011

De Wittekrans CC: Owner of portion 1 of the farm De Wittekrans 218 IS

E-mail: tpdutoit@mweb.co.za

WP 2: DEA Ref No: 12/12/20/2078 SEF Ref No: 503918

Dear Ms du Toit

RE: BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF:

- **Work Package 2: The N11 between Ermelo and Hendrina**

Strategic Environmental Focus (SEF) (Pty) Ltd would like to acknowledge and thank you for forwarding your registration to us for the abovementioned project. SEF values your inputs and have registered you as an Interested and Affected Party (I&AP) on our stakeholder database.

Please be assured that comments raised, as well as responses to these comments, will be addressed in a Comment and Response Report, which will form part of the Draft Basic Assessment Report.

Once finalised, the Draft Basic Assessment Report will be made available for public review. Additional information regarding the public review of the document, such as review dates, will be communicated to you once the report has been finalised.

Please do not hesitate to contact us, should you require any additional information.

Yours sincerely

Jessica de Beer (Bsocsci: Industrial Sociology and Labour Studies (Hons)) UP
 Social Scientist
 for **Strategic Environmental Focus (Pty) Ltd**

S.E.F

STRATEGIC ENVIRONMENTAL FOCUS



www.sefsa.co.za

HEAD OFFICE		
PRETORIA	EMBEDDING-KWAZULU	CAPE TOWN
PO BOX 12345 12345678901234567890 1234	PO BOX 12345 12345678901234567890 1234	PO BOX 12345 12345678901234567890 1234
TEL: 011 1234567890 011 1234567890	TEL: 011 1234567890 011 1234567890	TEL: 021 1234567890 021 1234567890
FOR EMPLOYEES: 011 1234567890		

03/01/2011

Jessica De Beer

From: Bongzi Mhlanga
Sent: 03 January 2011 10:03 AM
To: Jessica De Beer
Subject: FW: Registration as an Interested Stakeholder

From: Shabangu Sampie Howard (NSP) [mailto:ShabanguS2@dwa.gov.za]
Sent: 17 December 2010 02:16 PM
To: CTU
Subject: Registration as an Interested Stakeholder

Dear Bongzi/ Jessica

Kindly register the Department of Water Affairs as an interested party.

Regards;

Sampie H. Shabangu *Cand. Sci. Nat.*

Department of Water Affairs
Directorate: Institutions Establishment
Sub- Directorate: SEA/SFRA
Private Bag X 11259
Nelspruit, 1200
Tel 013 759 7300/ 7542

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This message and any attachments are confidential and intended solely for the addressee. If you have received this message in error, please notify the system manager/sender. Any unauthorized use, alteration or dissemination is prohibited. The Department of Water Affairs further accepts no liability whatsoever for any loss, whether it be direct, indirect or consequential, arising from this e-mail, nor for any consequence of its use or storage.



Ms Bongji Mhlanga
Strategic Environmental Focus
PO Box 74785
LYNNWOOD RIDGE
0040

Date:
07 December 2010

Enquiries:
Annelien Pretorius
Tel: 012 421 3046
Fax: 012 421 4793

Dear Ms Mhlanga

BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED UPGRADE AND REPAIR OF THE ROAD BETWEEN HENDRINA AND ERMELO

Eskom Ref: SO/262/11

Your Ref: 503803

We refer to your application dated November 2010.

This application affects various Eskom Distribution power lines and services, which traverses the above area. The approximate positions of these power lines are indicated on the attached sketch.

Eskom Distribution has in principle no objection to the above mentioned application provided the following conditions are adhered to:-

1. There is a 9 metres and 11 metres building and tree restriction either side of the centre line of the 22kV and 88kV power lines respectively, which must be adhered to in all future development and construction. This office should receive an application for construction near their services upon which Eskom will then comment accordingly.
2. Eskom can not guarantee the exact position of the underground electrical cables and therefore the applicant's site representatives must expose the cables by hand, in order to establish their location. Eskom's cables must be placed in sleeves encased in concrete across the width of the servitude, at the applicant's expense where frequent excavations occur in the cable area.
3. Eskom Distribution's services and equipment must be acknowledged at all times and may not be tampered or interfered with. It is important to acknowledge and respect Eskom's Distributions services at all times. It will be required of the developer to familiarise him/her self with all safety hazards related to electrical plant.
4. Eskom's consent will not relieve the applicant from obtaining the necessary statutory, land owner or municipal approvals.

**Northern Region
Network Services**

Gobie Street Extension 1 Newlands 0049 PO Box 36099 Menlo Park 0102 SA
Tel +27 12 3031 Fax +27 12 421 3330 www.eskom.co.za

Directors: PM Makwana (Chairman) BA Dames (Chief Executive) LCZ Cele SD Dube BL Fanaroff LG Josefsson (Swedish)
HB Lee (Korean) WE Lucas-Bull B Mehlomakulu J Mirenge (Rwandan) JRD Modise
PS O'Flaherty U Zikalala (Executive Director) **Company Secretary: B Mbomvu**
Eskom Holdings Limited Reg No 2002/015527/06



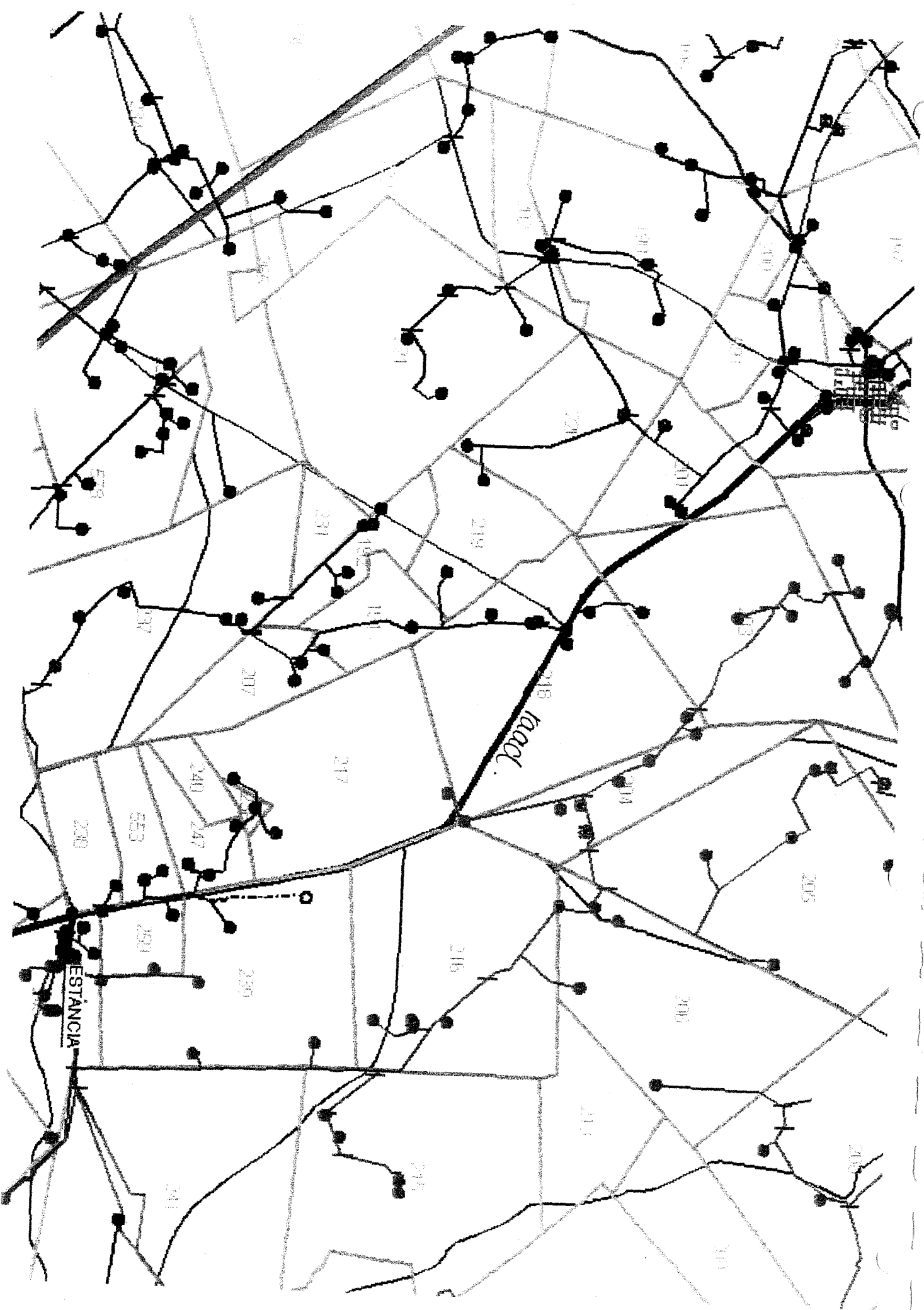


5. Natural ground level must be maintained within Eskom Distribution reserve area and servitudes.
6. Eskom Distribution shall at all times retain unobstructed access to and egress from its services.
7. Eskom Distribution shall not be liable for the death of or injury to any person or for the loss of or damage to any property whether as a result of the encroachment or of the use of the area where Eskom Distribution has its services, by the applicant, his/her agent, contractors, employees, successors in title and assigns.
8. The applicant indemnifies Eskom against loss, claims or damages including claims pertaining to interference with Eskom Distribution services or apparatus or otherwise. The applicant's attention is drawn to section 27(3) of the Electricity Act 1987, as amended in 1994, which stipulates that the applicant can be fined and/or imprisoned as a result of damage to Eskom's apparatus.
9. No construction work may be executed closer than nine metres from any of Eskom's structures or the middle of the power line servitude and no squatting to be allowed in the servitude area.
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12. Any relocation of Eskom's services, due to this development, will be for the account of the Developer. The Developer will also be responsible for granting Eskom an alternative route for the power line. Regarding any power line deviation, please contact Eskom Customer Contact Centre; 08600 37566 in connection with cost.

Yours faithfully



P L Human
LAND DEVELOPMENT MANAGER



9/1/11.

Aanslag Jessica de Beer.

THE FOLLOWING ISSUES MUST BE CONSIDERED:

Due to the fact that the road is being made wider and that the road is already very busy and on a blind rise, it makes it very difficult to transfer cattle across the road. We therefore request that a cattle walkway be built under the road in order to facilitate the moving of the cattle from the one side of the farm to the other.



EM BOTHA

well as the widening of bridges. All three of these applications will require an Environmental Management Programme report (EMPr) as part of the application.

NET Group consortium (a coalition of companies consisting of, among others, Bigen Africa Services (Pty) Ltd and Strategic Environmental Focus (Pty) Ltd (SEF)) was appointed by Eskom to undertake the engineering and environmental service components of the project.

Strategic Environmental Focus (Pty) Ltd, as an independent environmental consultant, will therefore conduct the BA, WULA and Mining Permit Application. This will include specialist investigations, the compilation of the EMPrs as well as the public participation process required for all of the abovementioned processes.

Approving & Commenting Authorities

Given that Eskom is classified as a Parastatal, NEMA requires that the DEA be the decision-making authority on the BA report and EMPr, in close liaison with the Mpumalanga Department of Economic Development, Environment and Tourism (MDEDET) as a key commenting authority on the application.

The DEA has to reach a decision as to whether the project may proceed, and under what conditions, based on environmental considerations. An Environmental Authorisation will be issued by the DEA, based on the information provided in the BA report and EMPr.

Similarly, the DMR will make a decision on the Mining Permit and the DWA on the WULA.

As part of the public participation process, all relevant state departments will be informed of the project and need to provide comment in order to inform the various decisions.

In addition to the above, other key stakeholders, such as SANRAL, GAUTRANS, Mpumalanga Department of Public Works, Roads and Transport (MDPWRT) and all of the relevant local municipalities will also be consulted with. It is important to note that, after the completion of the project, Eskom will hand the roads over to the relevant authorities (i.e. SANRAL, MDPWRT and the local authorities) for maintenance and operational purposes.

Location and description of the project

The proposed project includes the upgrade and repair of several roads within the following local municipalities:

- Govan Mbeki Local Municipality;
- Pixley Ka Seme Local Municipality;
- Msukaligwa Local Municipality; and
- Steve Tshwete Local Municipality.

The three main sections of road, are located in the areas of Ermelo, Bethal, Hendrina and Amersfoort and is indicated in Figure 1, 2 and 3.

BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED UPGRADE AND REPAIR OF ROADS WITHIN THE MPUMALANGA PROVINCE



REGISTRATION AND COMMENT SHEET

WP 2: SEF Ref No: 503918 / WP 3: SEF Ref No: 503803 / WP 4: SEF Ref No: 503809

Title: <u>Mev. Name: Elsie Magabera</u>			
Surname: <u>Betha</u>			
Company Name / Interest: <u>Water Kullus</u>			
Postal or Residential Address: <u>Posbus 604</u>			
Area: <u>Ermelo</u>		Please provide details of any friends/colleagues whom you would like to be added to the mailing list:	
Postal Code: <u>2350</u>			
Tel	<u>017 811 4080</u>	Name:	
Fax	<u>017 811 5723</u>	Surname:	
Mobile	<u>071 432 514</u>	Company name:	
Email address: <u>hermanberck@yahoo.com</u>			
Please mark with an X to indicate whether you would like to participate in the environmental process:		Tel ()	
Yes, I would like to participate in this process		Fax ()	
No, I am not interested in participating		Mobile	
Data commented: <u>(A / 1 / 2011)</u>		Email address:	
Select area of concern (please mark all applicable)		Postal or Residential Address:	
<input checked="" type="checkbox"/> WP 2	<input type="checkbox"/> WP 3	<input type="checkbox"/> WP 4	<input type="checkbox"/> BA
<input type="checkbox"/> Mining	<input type="checkbox"/> Water		
COMMENTS (You are welcome to attach separate sheets)			
The following issues must be considered: <u>See attached letter</u>			
Please complete and return to SEF by no later than Monday, 10 January 2011 :			
Attention: Jessica de Beer/Bongi Mhlanga Fax: 086 640 5815 Email: ctu@sefsa.co.za Post: PO Box 74785, Lynnwood Ridge, 0040			
Please feel free to phone us on (012) 349 1307 should you not have access to a fax or E-mail facility.			
Thank you for your participation.			
Please rest assured that your comments will form part of the final Basic Assessment Report that will be submitted to the decision making authority.			

A.J.F. DAVEL BOERDERY

Posbus 177
Hendrina 1095

3 Januarie 2011

ATTENTION; **Jessica de Beer**

WORK PACKAGE 2. N11 between Ermelo and Hendrina.

I am the owner of portion 1 of the farm Oranje Vallei 201 IS and portion 2 of the farm Tweefontein 203 IS.

My property is on both sides of the road. From time to time my cattle must cross the road as well as tractors with trailers. **It is already a problem at the moment.** We'll have to discuss the issue, because it is unsafe as it is at the moment. If traffic are going to increase more, it is going to be impossible to cross the road. It is a dangerous spot. It is definitely a matter of concern.

Keep me informed of the progress and meetings in the future.

My cel No. is 0837343188 or 0132937790

Thank you

J.F. DAVEL(Jannie)



APPENDIX 5 - MINUTES OF ANY PUBLIC AND/OR STAKEHOLDER MEETINGS



APPENDIX 5

No public and or stakeholder meetings were held.

APPENDIX 6 - COMMENTS AND RESPONSES REPORT



BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF ROADS, MPUMALANGA PROVINCE

- 1 Work Package 2: N11 between Ermelo and Hendrina**
- 2 Work Package 3: Roads between Amersfoort and the Majuba Power Station**
- 3 Work Package 4: R38 and R35 in Bethal**

Proponent: Eskom

COMMENT AND RESPONSE REPORT APPENDIX TO THE DRAFT BASIC ASSESSMENT REPORT

S.E.F

STRATEGIC ENVIRONMENTAL FOCUS



Basic Assessment, Water Use Licence Application and Mining Permit Application for the Proposed
Rehabilitation of Roads, Mpumalanga Province

Comment and Response Report as an Appendix to the Draft Basic Assessment Report

This Comment and Response Report lists all issues raised by stakeholders, potentially directly affected landowners and Interested and Affected Parties (I&APs) during the Basic Assessment process. The issues are separated into each work package and categorised into the following groups:

WORK PACKAGE 2	2
1 COMMENTS RECEIVED DURING THE ANNOUNCEMENT PHASE OF THE BASIC ASSESSMENT PROCESS	2
1.1 Comments related to the approving authority.....	2
1.2 Comments related to traffic.....	2
1.3 Comments related to the public participation process.....	Error! Bookmark not defined.
WORK PACKAGE 3	7
2 COMMENTS RECEIVED DURING THE ANNOUNCEMENT PHASE OF THE BASIC ASSESSMENT PROCESS	7
2.1 Comments related to road conditions.....	7
2.2 Comments related to the Approving Authority.....	8
2.3 General comments	Error! Bookmark not defined.
WORK PACKAGE 4	11
3 COMMENTS RECEIVED DURING THE ANNOUNCEMENT PHASE OF THE BASIC ASSESSMENT PROCESS	11
3.1 Comments related to the Approving Authority.....	11

ISSUE/COMMENT RAISED	COMMENTATOR/S	REFERENCE	RESPONSE
WORK PACKAGE 2			
1. COMMENTS RECEIVED DURING THE ANNOUNCEMENT PHASE OF THE BASIC ASSESSMENT PROCESS			
1.1 COMMENTS RELATED TO THE APPROVING AUTHORITY			
This office acknowledges receipt of the letter dated 22 November 2010. It has to be mentioned that the above mentioned roads belongs to SANRAL. The Department of Public Works, Roads and Transport will not be part of the affected parties.	Mr BC Viljoen (Chief Road Superintendent, Nkangala District) Steve Tshwete Local Municipality: Department of Public Works, Roads and Transport.	Fax 2010/11/23	Comment noted. SANRAL has been informed and regular discussions are being held with SANRAL and the Mpumalanga Department of Public Work Roads and Transport (DPWR&T) in this regard.
1.2 COMMENTS RELATED TO TRAFFIC			
How will traffic on the R35/R38 be managed during construction?	Mr Albert Olivier Govan Mbeki Local Municipality	Fax 2010/12/01	Different options are currently being investigated to ensure road safety and continuity of traffic flow during the construction period. It is proposed that the road be upgraded in phases; i.e. one half of the road will be closed for traffic while being upgraded and the other will be widened to accommodate two lanes of free flowing traffic at all times.
How is pollution going to be prevented in terms of road transport?	Mr Albert Olivier Govan Mbeki Local Municipality	Fax 2010/12/01	In order to prevent pollution, the following mitigation measures will be employed: <ul style="list-style-type: none"> • General waste will be managed in a sustainable way by making use of recycling, which will ensure that the site is kept neat and tidy. No other waste will be produced as the material will be used as road construction material; • Visual impacts will be reduced where possible by providing sufficient containers on site; • Potential to pollute soils, water resources and natural habitats will be minimised by ensuring that there are no visible or measurable signs of pollution on the environment (soils, ground and surface water); and • Disposal of rubble and refuse in an appropriate manner with no rubble and refuse lying on site.

ISSUE/COMMENT RAISED	COMMENTATOR/S	REFERENCE	RESPONSE
<p>My property is on both sides of the N11. From time to time my cattle must cross the road as well as tractors with trailers. It is already a problem at the moment. We will have to discuss the issue, because it is unsafe at the moment. Should traffic increase, it will be impossible to cross the road. It is a dangerous spot and it is definitely a matter of concern.</p> <p>Requested to be kept informed of the progress and meetings in the future.</p>	<p>Mr AJF Davel AJF Davel Boerdery: Owner of portion 1 of the farm Oranje Vallei 201 HS and portion 2 of the farm Tweefontein 203 IS.</p>	<p>Fax 2011/01/10</p>	<p>Thank you for raising your concern with regard to the cattle crossings. We have brought this to the attention of the road engineers and feedback will be provided in the Basic Assessment Report; which will be made available for public comment and input.</p> <p>At this stage the Design Engineers are investigating the possibility of a cattle underpass as part of the design improvements.</p> <p>Please be assured that you have been registered as an I&AP on our stakeholder database and you will be kept informed of the project progress.</p>
<p>Due to the fact that the road is being made wider and that the road is already very busy and on a blind rise, it makes it very difficult to transfer cattle across the road. We therefore request that a cattle walkway be built under the road in order to facilitate the moving of the cattle from the one side of the farm to the other.</p>	<p>Ms Elsie Magdalena Botha Waterkuil Familietrust: Owner of portion 9 of the farm Kaferspruit 274 IS</p>	<p>Fax 2011/01/10</p>	<p>We take note of your concern and it has been brought to the attention of the road engineers. Feedback will be provided in the Basic Assessment Report; which will be made available for public comment and input.</p> <p>At this stage the Design Engineers are investigating the possibility of a cattle underpass as part of the design improvements.</p> <p>Please be assured that you have been registered as an I&AP on our stakeholder database and you will be kept informed of the project progress.</p>
<p>Expressed concern with regard to traffic disruptions during the construction phase. Her children attend extra mural school activities during the week and the construction activities might hamper their mobility.</p>	<p>Ms Anel Voster Anvin Beleggings Trust: Owner of the remaining portion and portion 3 of the farm De Wittekrans 218 IS</p>	<p>Telephonic 2011/01/21</p>	<p>Different options are currently being investigated to ensure road safety and traffic flow during the construction period. It is proposed that the road be upgraded in phases; i.e. one lane of the road will be closed for traffic while being upgraded and the other will be managed as a stop-go connection.</p>
1.3 COMMENTS RELATED TO INFRASTRUCTURE			
<p>This application affects various Eskom Distribution power lines and services, which traverses the road between Ermelo and Hendrina (N11). The approximate positions to these power lines are indicated on a</p>	<p>Ms L Human Eskom Distribution</p>	<p>Post 2010/12/07</p>	<p>Thank you for your comments. It has been forwarded to the Design Engineers and Eskom Primary Division for their information and input. Issues arising with the powerlines due to the construction activities on the roads will be taken</p>

ISSUE/COMMENT RAISED	COMMENTATOR/S	REFERENCE	RESPONSE
<p>sketch which is attached as Appendix 4.</p> <p>Eskom Distribution has in principle no objection to the above mentioned application provided that the following conditions are adhered to:</p> <ul style="list-style-type: none"> a) There is a 9m and 11m building and tree restriction either side of the centre line of the 22kV and 88kV power lines respectively, which must be adhered to in all future development and construction. This office should receive an application for construction near their services upon which Eskom will then comment accordingly. b) Eskom can not guarantee the exact position of the underground electrical cables and therefore the applicant's site representatives must expose the cables by hand, in order to establish their location. Eskom's cables must be placed in sleeves encased in concrete across the width of the servitude, at the applicant's expense where frequent excavations occur in the cable area. c) Eskom Distribution's services and equipment must be acknowledged at all times and may not be tampered or interfered with. It is important to acknowledge and respect Eskom Distribution's services at all times. It will be required of the developer to familiarise him/her self with all safety hazards related to electrical plant. d) Eskom's consent will not relieve the applicant from obtaining the necessary statutory, land owner or municipal approvals. e) Natural ground level must be maintained within the Eskom Distribution reserve area and servitudes. 			<p>into account and addressed as part of the Basic Assessment Report.</p> <p>The Design Engineers have noted these restrictions and all work will take cognisance of same. The necessary notification and application was submitted to the Eskom Land and Rights Department of your Land Development Division.</p> <p>Please be assured that access will only be allowed taking in account safety of Eskom Staff and Travelling public.</p>

ISSUE/COMMENT RAISED	COMMENTATOR/S	REFERENCE	RESPONSE
<p>f) Eskom Distribution shall at all times retain unobstructed access to and egress from its services.</p> <p>g) Eskom Distribution shall not be liable for the death of or injury to any person or for the loss of damaged to any property whether as a result of the encroachment or of the use of the area where Eskom Distribution has its services, by the applicant, his/her agent, contractors, employees, successors in title and assigns.</p> <p>h) The applicant indemnifies Eskom against loss, claims or damages including claims pertaining to interference with Eskom Distribution services or apparatus or otherwise. The applicant's attention is drawn to section 27(3) of the Electricity Act 1987, as amended in 1994, which stipulates that the applicant can be fined and/or imprisoned as a result of damaged to Eskom's apparatus.</p> <p>i) No construction work may be executed closer than nine metres from any of Eskom's structures or the middle of the power line servitude and no squatting to be allowed in the servitude area.</p> <p>j) No tree shall be planted within the servitude area or be allowed to grow to a height in excess of the horizontal distance of that tree from the nearest conductor of any power line or to grow in such a manner as to endanger that line should it fall or be cut down.</p> <p>k) The effective management and handling of waste is of crucial importance. No dumping shall be allowed within Eskom Distribution Servitudes. All unwanted waste (gaseous, liquid or solids) should be disposed of at a registered waste disposal site as stipulated under Section 20 of the Environmental Conservation Act (Act 73 of 1989).</p>			

ISSUE/COMMENT RAISED	COMMENTATOR/S	REFERENCE	RESPONSE
1) Any relocation of Eskom's services, due to this development, will be for the account of the Developer. The Developer will also be responsible for granting Eskom an alternative route for the power line. Regarding any power line deviation, please contact Eskom Customer Contact Centre at 08600 37 566 in connection with cost.			
Expressed concern with regards to fences being damaged or moved.	Ms Anel Voster Anvin Beleggings Trust: Owner of the remaining portion and portion 3 of the farm De Wittekrans 218 IS.	Telephonic 2011/01/21	
1.4 COMMENTS RELATED TO THE PUBLIC PARTICIPATION PROCESS			
Lidwala are the consulting engineers for the rehabilitation of the R37 (P50) to the south of Ermelo towards Morgenzon. Please note that there will be substantial road/traffic disruptions in the area which may affect your public participation process.	Ms Ashlea Strong Lidwala Consulting Engineers	Fax 2010/12/01	Thank you for bringing this to our attention. Lidwala's activities will be taken into account during the public participation process and we will keep you informed, should you receive any queries related to our project.
This does not impact on the Inkomati Catchment Area so is not applicable to us. Would you please remove my name from your mailing list?	Mr Richard Elphick Crocodile Major Irrigation Board	E-mail 2010/11/23	Mr Elphick was de-registered on the stakeholder database.
I have forwarded your e-mail to my General Manager and our Bethal Depot Manager. Their details are as follows: General Manager: Gerhard Marais - gmarais@rotran.co.za Bethal Depot Manager: Petros Marau - bethalcoal@rotran.co.za	Amishka Mewa (Transport Control Centre Manager) ROTRAN	Email 2010/11/24	Thank you for passing the information on to your general manager and the Bethal Depot Manager, in the interim we have registered them as I&As on our stakeholder database.
Registered as an I&AP, and indicated that he is interested in the mining permit application and Water Use Licence Application (WULA).	Mr John Schickerling Owner of portion 1 of the farm Tweefontein 203 IS	Fax 2010/12/15	Mr Schickerling was registered as an I&AP on the stakeholder database and will be kept informed of the progress on all the applications related to this section of road, especially the Mining Permit Application and the WULA.
Registered as an I&AP.	Mr SH Shabangu Department of Water Affairs:	Email 2010/12/17	Mr Shabangu was registered as an I&AP on the stakeholder database and will be kept informed of

ISSUE/COMMENT RAISED	COMMENTATOR/S	REFERENCE	RESPONSE
	Institutions Establishment		all project updates.
Registered as an I&AP, and indicated that her interest is with the mining permit application and WULA.	Ms CC du Toit De Wittekrans CC: Owner of portion 1 of the farm De Wittekrans 218 IS	Email 2011/01/01	Ms du Toit was registered as an I&AP on the stakeholder database and she will be kept informed of the progress on all the applications related to this section of road.
Requested to be registered as an I&AP.	Ms Anel Voster Anvin Beleggings Trust: Owner of the remaining portion and portion 3 of the farm De Wittekrans 218 IS	Telephonic 2011/01/20	Ms Voster was registered as an I&AP on the stakeholder database and she will be kept informed of the progress on all the applications related to this section of road.
WORK PACKAGE 3			
2 COMMENTS RECEIVED DURING THE ANNOUNCEMENT PHASE OF THE BASIC ASSESSMENT PROCESS			
2.1 COMMENTS RELATED TO ROAD CONDITIONS			
Eskom is congratulated with the proposed upgrading of the road from Amersfoort town to Majuba Power Station. The only concern from my side is where the coal trucks and other traffic travelling through Amersfoort will be diverted to during the upgrading process? The roads in Amersfoort suburbs are gravel roads. The dust and noise will be devastating. In the rainy season the roads will be unusable. Your concern in this regard will be appreciated.	Mr Helgaard Muller I&AP	Fax 2010/12/03	Thank you for your comment. The road will be upgraded in phases where one lane of the road will be closed for traffic while being upgraded and the other will be managed as a two lane deviation with traffic flow in both directions. Trucks will not be diverted onto the gravel roads thereby preventing deterioration of these roads, especially during the rainy season. Dust suppression measures will be implemented to prevent dust nuisance and pollution. Noise will be kept to a minimum and road works will only be undertaken during the day. An Environmental Control Officer will be appointed to oversee the construction activities; should this activity be approved by the environmental authorities.
2.2 COMMENTS RELATED TO OWNERSHIP OF LAND AND ACCESS			
Eskom is only the owner of portion 1, 23 and the remaining extent of the farm Roodekopjies 67 HS. Portion 4 is not owned by Eskom. The former portions of land are currently being used for the UCG project and will be fenced in. Access control will therefore be a	Mr Mike Beeslaar Eskom (Majuba) UCG	Email 2011/01/04	Thank you for your comment. Our records have been amended to reflect this. Mr Jan Coetzee from Eskom Properties will be

ISSUE/COMMENT RAISED	COMMENTATOR/S	REFERENCE	RESPONSE
problem.			contacted to verify properties affected by the proposed project.
2.3 COMMENTS RELATED TO THE MINING RIGHT PERMIT APPLICATION			
UCG is a surface mining process. Surface borrow pits will negatively affect our mine and productions plans.	Mr Mike Beeslaar Eskom (Majuba) UCG	Email 2011/01/04	<p>The borrow pit will be located on another piece of land and will thus not directly impact on the UCG operations and its associated infrastructures.</p> <p>Almost all road construction activities will take place in the existing road reserve. Access to borrow pits will however be negotiated with each property owner individually.</p> <p>Further communication indicated that the land in question is earmarked for UCG development. Eskom Properties will be informed of this and the issue will be addressed in the Basic Assessment Report which will be made available for public comment and input.</p>
2.4 COMMENTS RELATED TO THE APPROVING AUTHORITY			
This office acknowledges receipt of the letter dated 22 November 2010. It has to be mentioned that the above mentioned roads belongs to SANRAL. The Department of Public Works, Roads and Transport will not be part of the affected parties.	Mr BC Viljoen (Chief Road Superintendent, Nkangala District) Steve Tshwete Local Municipality: Department of Public Works, Roads and Transport.	Fax 2010/11/23	Comment noted. SANRAL has been informed and regular discussions are being held with the Mpumalanga DPWR&T and SANRAL in this regard.
2.5 COMMENTS RELATED TO INFRASTRUCTURE			
<p>This application affects various Eskom Distribution power lines and services, which traverses the road between Ermelo and Hendrina (N11). The approximate positions to these power lines are indicated on a sketch which is attached as Appendix 4.</p> <p>Eskom Distribution has in principle no objection to the above mentioned application provided that the following conditions are adhered to:</p>	Ms L Human Eskom Distribution	Post 2010/12/07	Thank you for your comments. It has been forwarded to Eskom Primary Division for their information and input. Issues arising with the powerlines due to the construction activities on the roads will be taken into account and addressed as part of the Basic Assessment Report.

ISSUE/COMMENT RAISED	COMMENTATOR/S	REFERENCE	RESPONSE
<p>m) There is a 9m and 11m building and tree restriction either side of the centre line of the 22kV and 88kV power lines respectively, which must be adhered to in all future development and construction. This office should receive an application for construction near their services upon which Eskom will then comment accordingly.</p> <p>n) Eskom can not guarantee the exact position of the underground electrical cables and therefore the applicant's site representatives must expose the cables by hand, in order to establish their location. Eskom's cables must be placed in sleeves encased in concrete across the width of the servitude, at the applicant's expense where frequent excavations occur in the cable area.</p> <p>o) Eskom Distribution's services and equipment must be acknowledged at all times and may not be tampered or interfered with. It is important to acknowledge and respect Eskom Distribution's services at all times. It will be required of the developer to familiarise him/her self with all safety hazards related to electrical plant.</p> <p>p) Eskom's consent will not relieve the applicant from obtaining the necessary statutory, land owner or municipal approvals.</p> <p>q) Natural ground level must be maintained within the Eskom Distribution reserve area and servitudes.</p> <p>r) Eskom Distribution shall at all times retain unobstructed access to and egress from its services.</p> <p>s) Eskom Distribution shall not be liable for the death of or injury to any person or for the loss of</p>			

ISSUE/COMMENT RAISED	COMMENTATOR/S	REFERENCE	RESPONSE
<p>damaged to any property whether as a result of the encroachment or of the use of the area where Eskom Distribution has its services, by the applicant, his/her agent, contractors, employees, successors in title and assigns.</p> <p>t) The applicant indemnifies Eskom against loss, claims or damages including claims pertaining to interference with Eskom Distribution services or apparatus or otherwise. The applicant's attention is drawn to section 27(3) of the Electricity Act 1987, as amended in 1994, which stipulates that the applicant can be fined and/or imprisoned as a result of damaged to Eskom's apparatus.</p> <p>u) No construction work may be executed closer than nine metres from any of Eskom's structures or the middle of the power line servitude and no squatting to be allowed in the servitude area.</p> <p>v) No tree shall be planted within the servitude area or be allowed to grow to a height in excess of the horizontal distance of that tree from the nearest conductor of any power line or to grow in such a manner as to endanger that line should it fall or be cut down.</p> <p>w) The effective management and handling of waste is of crucial importance. No dumping shall be allowed within Eskom Distribution Servitudes. All unwanted waste (gaseous, liquid or solids) should be disposed of at a registered waste disposal site as stipulated under Section 20 of the Environmental Conservation Act (Act 73 of 1989).</p> <p>x) Any relocation of Eskom's services, due to this development, will be for the account of the Developer. The Developer will also be responsible for granting Eskom an alternative route for the power line. Regarding any power line deviation, please contact Eskom Customer Contact Centre</p>			

ISSUE/COMMENT RAISED	COMMENTATOR/S	REFERENCE	RESPONSE
at 08600 37 566 in connection with cost.			
2.6 COMMENTS RELATED TO THE PUBLIC PARTICIPATION PROCESS			
Registered as an I&AP.	Mr SH Shabangu Department of Water Affairs: Institutions Establishment	Email 2010/12/17	Mr Shabangu was registered as an I&AP on the stakeholder database and will be informed of future project updates.
Requested that Dr Mark Van der Riet be registered as an I&AP.	Mr Mike Beeslaar Eskom (Majuba) UCG	Email 2011/01/04	Dr Van der Riet was registered as an I&AP on the stakeholder database and will be kept informed of all project updates.
2.7 GENERAL COMMENTS			
Lidwala, together with PDNA are the consulting engineers for the rehabilitation of the R35 from Amersfoort to Morgenzon. Please ensure that Bigen Africa liaise with them with regard to the intersection of the R35 and P97/1.	Ms Ashlea Strong Lidwala Consulting Engineers	Fax 2010/12/01	Comment noted. Lidwala's contact details have been forwarded to Bigen Africa for future liaison and regular interaction is taking place.
This does not impact on the Inkomati Catchment Area so is not applicable to us. Would you please remove my name from your mailing list?	Mr Richard Elphick Crocodile Major Irrigation Board	E-mail 2010/11/23	Mr Elphick was de-registered on the stakeholder database.
I have forwarded your e-mail to my General Manager and our Bethal Depot Manager. Their details are as follows: General Manager: Gerhard Marais - gmarais@rotran.co.za Bethal Depot Manager: Petros Marau - bethalcoal@rotran.co.za	Amishka Mewa (Transport Control Centre Manager) ROTRAN	Email 2010/11/24	Thank you for passing the information on to your general manager and the Bethal Depot Manager, in the interim we have registered them as I&As on our stakeholder database.
WORK PACKAGE 4			
3 COMMENTS RECEIVED DURING THE ANNOUNCEMENT PHASE OF THE BASIC ASSESSMENT PROCESS			
3.1 COMMENTS RELATED TO THE APPROVING AUTHORITY			
This office acknowledges receipt of the letter dated 22 November 2010. It has to be mentioned that the above mentioned roads belongs to SANRAL. The Department of Public Works, Roads and Transport will not be part of the affected parties.	Mr BC Viljoen (Chief Road Superintendent, Nkangala District) Steve Tshwete Local Municipality: Department of Public Works, Roads and Transport.	Fax 2010/11/23	Comment noted. SANRAL has been informed and regular discussions are being held with SANRAL in this regard.

ISSUE/COMMENT RAISED	COMMENTATOR/S	REFERENCE	RESPONSE
3.2 COMMENTS RELATED TO INFRASTRUCTURE			
<p>This application affects various Eskom Distribution power lines and services, which traverses the road between Ermelo and Hendrina (N11). The approximate positions to these power lines are indicated on a sketch which is attached as Appendix 4.</p> <p>Eskom Distribution has in principle no objection to the above mentioned application provided that the following conditions are adhered to:</p> <p>y) There is a 9m and 11m building and tree restriction either side of the centre line of the 22kV and 88kV power lines respectively, which must be adhered to in all future development and construction. This office should receive an application for construction near their services upon which Eskom will then comment accordingly.</p> <p>z) Eskom can not guarantee the exact position of the underground electrical cables and therefore the applicant's site representatives must expose the cables by hand, in order to establish their location. Eskom's cables must be placed in sleeves encased in concrete across the width of the servitude, at the applicant's expense where frequent excavations occur in the cable area.</p> <p>aa) Eskom Distribution's services and equipment must be acknowledged at all times and may not be tampered or interfered with. It is important to acknowledge and respect Eskom Distribution's services at all times. It will be required of the developer to familiarise him/her self with all safety hazards related to electrical plant.</p> <p>bb) Eskom's consent will not relieve the applicant</p>	<p>Ms L Human Eskom Distribution</p>	<p>Post 2010/12/07</p>	<p>Thank you for your comments. It has been forwarded to Eskom Primary Division for their information and input. Issues arising with the powerlines due to the construction activities on the roads will be taken into account and addressed as part of the Basic Assessment Report.</p>

ISSUE/COMMENT RAISED	COMMENTATOR/S	REFERENCE	RESPONSE
<p>from obtaining the necessary statutory, land owner or municipal approvals.</p> <p>cc) Natural ground level must be maintained within the Eskom Distribution reserve area and servitudes.</p> <p>dd) Eskom Distribution shall at all times retain unobstructed access to and egress from its services.</p> <p>ee) Eskom Distribution shall not be liable for the death of or injury to any person or for the loss of damaged to any property whether as a result of the encroachment or of the use of the area where Eskom Distribution has its services, by the applicant, his/her agent, contractors, employees, successors in title and assigns.</p> <p>ff) The applicant indemnifies Eskom against loss, claims or damages including claims pertaining to interference with Eskom Distribution services or apparatus or otherwise. The applicant's attention is drawn to section 27(3) of the Electricity Act 1987, as amended in 1994, which stipulates that the applicant can be fined and/or imprisoned as a result of damaged to Eskom's apparatus.</p> <p>gg) No construction work may be executed closer than nine metres from any of Eskom's structures or the middle of the power line servitude and no squatting to be allowed in the servitude area.</p> <p>hh) No tree shall be planted within the servitude area or be allowed to grow to a height in excess of the horizontal distance of that tree from the nearest conductor of any power line or to grow in such a manner as to endanger that line should it fall or be cut down.</p> <p>ii) The effective management and handling of waste is of crucial importance. No dumping shall be</p>			

ISSUE/COMMENT RAISED	COMMENTATOR/S	REFERENCE	RESPONSE
<p>allowed within Eskom Distribution Servitudes. All unwanted waste (gaseous, liquid or solids) should be disposed of at a registered waste disposal site as stipulated under Section 20 of the Environmental Conservation Act (Act 73 of 1989).</p> <p>jj) Any relocation of Eskom's services, due to this development, will be for the account of the Developer. The Developer will also be responsible for granting Eskom an alternative route for the power line. Regarding any power line deviation, please contact Eskom Customer Contact Centre at 08600 37 566 in connection with cost.</p>			
3.3 GENERAL COMMENTS			
<p>This does not impact on the Inkomati catchment area so is not applicable to us. Would you please remove my name from your mailing list?</p>	<p>Mr Richard Elphick Crocodile Major Irrigation Board</p>	<p>E-mail 2010/11/23</p>	<p>Mr Elphick was de-registered on the stakeholder database.</p>
<p>I have forwarded your e-mail to my General Manager and our Bethal Depot Manager. Their details are as follows:</p> <p>General Manager: Gerhard Marais - gmarais@rotran.co.za Bethal Depot Manager: Petros Marau - bethalcoal@rotran.co.za</p>	<p>Amishka Mewa (Transport Control Centre Manager) ROTRAN</p>	<p>Email 2010/11/24</p>	<p>Thank you for passing the information on to your general manager and the Bethal Depot Manager, in the interim we have registered them as I&APs on our stakeholder database.</p>
3.4 COMMENTS RELATED TO THE PUBLIC PARTICIPATION PROCESS			
<p>Registered as an I&AP.</p>	<p>Mr SH Shabangu Department of Water Affairs: Institutions Establishment</p>	<p>Email 2010/12/17</p>	<p>Mr Shabangu was registered as an I&AP on the stakeholder database and will be informed of future project updates.</p>



**APPENDIX 7 - COMMENTS FROM I&APs ON THE DRAFT BASIC ASSESSMENT
REPORT**



APPENDIX 7

The Basic Assessment Report (BAR) will be made available for public review during February 2011. All comments received on the Draft BAR will be incorporated into the final BAR that will be submitted to the competent authority, the National Department of Environmental Affairs.

**APPENDIX 8 - COMMENTS FROM I&APs ON THE AMENDMENTS TO THE DRAFT
BASIC ASSESSMENT REPORT**

APPENDIX 8

The Basic Assessment Report (BAR) will be made available for public review during February 2011. All comments received on the Draft BAR will be incorporated into the final BAR that will be submitted to the competent authority, the National Department of Environmental Affairs.



APPENDIX 9 - COPY OF THE REGISTER OF I&APs



LIST OF IDENTIFIED AND CONTACTED PERSONS

Mr Nigel Adams	Department of Water Affairs (Sectional Head): Upper Vaal Water Management Area	E-mail	Yes
Mr Folajimi Vincent Akinsete	Owner of erf 4424 Ermelo	Post	
Mr Rasmus Stephanus Elardus Alberts	Duiker Mining Pty Ltd: Owner of portion 29, 30 and 40 of the farm Spitskop IS and portion 6 and 12 of the farm Waterval 244 IS and portion 15 of the farm Kaferspruit 274 IS	Post	
Mr Frick Albrecht	Golfview Mining Pty Ltd: Owner of portion 2 of the farm Buhrmanns Tafelkop 135 IT	Post	
Mr Sohail Arshad	Hendrina Cell	Hand delivered	
Mr Usman Arshad	P.K café and Take away, Hendrina	Hand delivered	
Mr and Ms Hein and Erika Aucamp	Interested and Affected Party	Hand delivered	
Ms Lydia Aucamp	Owner of erf 301 Hendrina	Post	
Mr Hendrik Gerhardus Aucamp	Owner of portion 11 and 12 of the farm Kaferspruit 274 IS	Post	
Mr Charles Michael Bader	Beestepan Boerdery Pty Ltd: Owner of portion 2 and 4 of the farm Birmingham 197 IS and the remaining portion of the farm Organjevallei 201 IS and portion 4 of the farm Birmingham 197 IS	Post undelivered / resend	
Mr Hamlet Basheng	Road Traffic Management Corporation (RTMC)	Fax	
Mr Allan Batchelor	Wetland Consulting Services	E-mail	
Mr Garth Batchelor	Mpumalanga Department of Economic Development, Environment and Tourism	E-mail	Yes
Mr Mike Beeslaar	Eskom Holdings Ltd: Owner of portion 2, 23 and the remaining extent of the farm Roodekopjes 67 HS, portion 1, the remaining portion of the farm Koppies Kraal 56 HS and portion 24 of the farm Mooifontein 108 IS	E-mail	Yes
Mr J Beetge	Hendrina Meule	Hand delivered	
Mr Jacob Beitz	Owner of erf 247/1 Hendrina	No contact details available	
Mr/Ms O Belmonte	Bethal Interface Forum	Fax	
Ms Fahmida Abdul Samad Bemath	Owner of portion 234 of the farm Armersfoot Town and Townlands 57 HS	Post	
Mr Jacobus Johannes Beyers	Owner of erf 3 Hendrina	Post	
Mr Mahomed Selim Bhyat	Industrial Standerton 954 Pty Ltd: Owner of erf 7258 and 93/1 Ermelo	Post / Undelivered	
Mr Michiel Daniel Bierman	Owner of erf 266 Hendrina	Post	
Cllr John Blöse	Msukaligwa Local Municipality: Ward 10 Councillor	Post	Yes
Mr Willem Hendrik Boshoff	Owner of erf 4434 Ermelo	Post	
Mr Pieter Willem Botes	Owner of portion 168 Blesbokspruit 150 IS	Fax	

Mr Burger Petrus Botha	Bethalrand Pty Ltd: Owner of portion 144 to 149 and 151 to 159 of the farm Mooifontein 108 IS	Post	
Ms Elsie Magdalena Botha	Waterkuil Familietrust: Owner of portion 9 of the farm Kaferspruit 274 IS	Hand delivered / E-mail	Yes
Mr Gerhard Indwe Botha	Golden Hooves Farms CC: Owner of portion 6 of the farm Kaferspruit 274 IS	Post / Box closed	
Mr Hendrik Marthinus Botha	Owner of portion 2 and 7 of the farm Waterval 244 IS and portion 2 and 3 of the farm Kaferspruit 274 IS	Post	
Mr Wilhelmina Susanna Botha	Owner of portion 150 and 164 of the farm Mooifontein 108 IS	Post	
Mr R Bouwer	Steve Tshwete Local Municipality: Water Services Councillor	Fax	Yes
Mr Herman Brandt	Representative for Coal Transporters	E-mail	
Mr Jan Augustinus Breedt	Owner of portion 2 of the farm Organjevallei 201 IS	Post	
Mr Jacobus Cornelius Breitenbach	Owner of portion 28 of the farm Spitskop 276 IS	Post	
Mr Hendrik Johannes Breytenbach	Owner of portion 301 of the farm Amersfoort Town and Townlands 57 HS	Post	
Mr Douw Gert and Amanda Briel	Owner of portion 1 of portion 704, portion 701 and 708 of the farm Blesbokspruit 150 IS	Post	
Ms Elizabeth Marie Brooksbank	Owner of erf 79 Ermelo	Post	
Mr James Eroid Brown	Amoya Developments CC: Owner of erf 3777 Ermelo	Post	
Mr Willie Burger	Amersfoort Forum	E-mail	
Mr Gerhardus Burger	Owner of portion 13 and 15 of the farm Legdaar 78 IS	Hand delivered / Post	
Mr Johannes Lodewyk Burger	Owner of portion 1 of portion 1102 of the farm Blesbokspruit 150 IS	Post	
Ms Marina Caird	Wildlife and Environment Society of South Africa (WESSA)	E-mail	
Ms Tertia Carlile	Jonter Beleggings Pty Ltd: Owner of erf 270 Hendrina	Post	
Ms Nokuthula Cebekulu	Department of Water Affairs: Mpumalanga Water Quality Management (Bronkhorstspuit)	E-mail	Yes
Ms Bridget Gesina Aletta Cilliers	Owner of portion 699 of the farm Blesbokspruit 150 IS	Post / Undelivered	
Mr Koot Claassen	President: Agri Mpumalanga	E-mail	
Ms M Cloete	Antieksjiek, Hendrina	Hand delivered	
Mr Vincent Allan Cockcroft	Owner of portion 10 and 11 of the farm Driehoek 273 IS and Ian Cockcroft Testamentary Trust: Owner of portion 4 of the farm Driehoek 273 IS	Post	
Mr Christo and Ansi Coetzee	Bosmanskrans	Hand delivered	
Mr Jan Coetzee	Eskom Holdings Ltd: Owner of portion 2, 3, 4 and the remaining extent of the farm Roodekopjes 67 HS, portion 1 and the remaining portion of the farm Koppies Kraal 56 HS, portion 12 of the farm Vogelfontein 245 IS and portion 24 of the farm Mooifontein 108	Fax	
Mr Christo Coetzee	Owner of portion 4 and 9 of the farm Bosmanskrans 217 IS	Post	
Mr Marthinus Johannes Coetzee	Owner of portion 29 of the farm Mooifontein 108 IS	Post	

Mr Marius Coetzer	Department of Agriculture - Ermelo	Post	Yes
Mr Johan Philip Coetzer	Owner of erf 4431 Ermelo	Post	
Mr Mike Combrink	Agri Mpumalanga	E-mail	
Ms Lulama Lynix Conco	Mo-Mani Trading 06 CC: Owner of portion 697 of the farm Blesbokspuit 150 IS	E-mail	
Mr Philip Rudolf Croukamp	Owner of portion 1 of portion 710 of the farm Blesbokspuit 150 IS	Post	
Mr Augusto Romano Da Silva	Owner of portion 131 of the farm Mooifontein 108 IS	No contact details available	
Ms Maria Fernanda Santos Da Silva	Maria-Fernanda Prop CC: Owner of portion 1824 of the farm Blesbokspuit 150 IS	Post	
Mr Jan Fredrik (Jannie) Davel	Owner of portion 1 of the farm Organjevlei 201 IS and portion 2 of the farm Tweefontein 203 IS	Post / Hand delivered	Yes
Mr Petri Davel	Amersfoort Farmers Association	Post	
Mr John Davis	Mpumalanga Tourism Authority	Fax	
Mr Antonio Goncalves De Abreu	Owner of portion 695 of the farm Blesbokspuit 150 IS	Post	
Mr George De Alcantara	Owner of portion 1 of portion 134 of the farm Blesbokspuit 150 IS	Post	
Mr Johan De Jager	Emerlo Community Against Coal Road Initiative (Eco-Cri)	E-mail	
Ms Jonice De Jager	Eremelo Business Association	E-mail	
Mr L De Jager	Pixley Ka Seme Local Municipality (Municipal Manager)	Fax	Yes
Ms Pieterella Susanna De Jager	Owner of portion 19 of the farm Mooifontein 108 IS	No contact details available	
Mr Carl De Klerk	Owner of erf 258 Hendrina	Post	
Ms Elizabeth Wilhelmina De Kock		Post	
Mr and Ms Botha and Annetjie De Lange	Plaas De Wittekrans (Trust): Owner of portion 10 of the farm De Wittekrans 218 IS	Post	Yes
Mr Johanna Alida Berndrina De Lange	Owner of erf 3794 Ermelo	Post	
Mr Samuel De Lange	Owner of portion 6, 7 and 8 of the farm Bosmanslaagte 181 IS	Post	
Mr Arnoldi Frans De Villiers	Owner of erf 4430 Ermelo	Post	
Ms EMJ De Villiers	Hoefeld onderdeel, Hendrina	Hand delivered	
Mr Eddie Deacon	Department of Water Affairs and Forestry - Water Resources	Fax	Yes
Ms Lidia Lois Dekker	Owner of erf 3809 Ermelo	Post	
Mr LM Dlamini	Msukaligwa Local Municipality (Director: Engineering Services)	E-mail	Yes
Mr Izak Johannes Jacobus Du Plessis	Owner of erf 259 Hendrina	Post / Undelivered	
Mr Johan Du Plooy	Gert Sibande District Municipality: Infrastructure Manager	Post	Yes
Mr Korf Jacobus Du Preez	Owner of erf 279 Hendrina	Post	
Ms Annelise Du Preez	Owner of erf 11 Ermelo	Post	
Ms Catherina Cornelia Du Toit	De Wittekrans CC: Owner of portion 1 of the farm De Wittekrans 218 IS	E-mail	Yes

Mr Wellis Du Toit	Bethal Rate payers	E-mail	
Mr Skhiya Walter Dube	Owner of erf 66 Ermelo	No contact details available	
Mr Narharie Dullabh	Owner of portion 1 of portion 1824 of the farm Blesbokspruit 150 IS	Fax	
Mr Frans Eduard Durr	Mazan Boerdery Pty Ltd: Owner of erf 293 and 659 Hendrina	Post	
Mr Richard Elphick	Crocodile Major Irrigation Board	E-mail	No
Mr Danie Els	Amersfoort Forum	Post	
Mr Ignatius Michael Erasmus	Desertfrost 6 CC: Owner of erf 128 and 129 Hendrina	Post	
Mr PIM Erasmus	Martie Erasmus Trust: Owner of erf 589/10 Hendrina	Updated Post	
Mr Aziz Omar Essa	Goolam's Inv Pty Ltd: Owner of erf 324 Hendrina	Post	
Mr DJ Ferreira	Loskop Irrigation Board	E-mail	
Mr Jan Abraham Ferreira	Owner of erf 5 Hendrina	Post / Undelivered	
Mr WD Fouche	Steve Tshwete Local Municipality (Municipal Manager)	E-mail	Yes
Mr Albertus Stephanus Abraham Fouche	Owner of erf 3806 Ermelo	Post	
Mr FJA Fourie	Hendrina Local Municipality	Post	Yes
Mr H Fourie	GAUTRANS Materials Specialist	E-mail	
Mr Hugo Fourie	Bethal Interface Forum	E-mail	
Mr Johannes Casparus Fourie	Owner of portion 321 of the farm Armersfoot Town and Townlands 57 HS	Post	
Ms Ursula Franke	Endangered Wildlife Trust	E-mail	
Mr Mpho Gabashane	Mpumalanga Department of Health	E-mail	Yes
Mr MY Gani	M Y Gani Family Trust: Owner of erf 244 Hendrina and A R Gani Inv Trust: Owner of portion 2 of erf 246 Hendrina	Post	
Ms Elizabeth Catharina Geldenhuys	Elmanti CC: Owner of portion 54 of the farm Armersfoot Town and Townlands 57 HS	Post	
Mr Wessel Geldenhuys	Boere-Saamwerk Ltd: Owner of portion 233 of the farm Armersfoot Town and Townlands 57 HS	Fax	
Mr G Gerrits	Middelburg Agricultural Union & Farmers' Association	E-mail	
Mr Akbarali Ghoor	Joosub Mohamed Ghoor Holdings Pty Ltd: Owner of erf 4889 Ermelo	Post	
Mr Iain Gilbert	Ermelo Community Against Coal Road Initiative (Eco-Cri)	E-mail	
Mr Christo Gouweris	A C J Sideris Prop CC: Owner of portion 1 of erf 626 Hendrina	Post / Undelivered	
Mr JJF Gouws	Oranjevlei	Hand delivered	
Mr Thagaran Govender	Information Officer - Chief (PAIA) - Transnet Ltd: Owner of portion 6 of the farm Vogelfontein 245 IS, erf 3811 Ermelo and Erf 304 and 305 Hendrina	Fax	
Mr Josias Jakobus Greyling	Owner of erf 17 Ermelo	Post	
Mr Balthazer Johannes Grobler	Owner of portion 2 and 10 of the farm Uitgedacht 299 IS and portion 2 and 4 of the farm Vlaklaagte 107 IS and portion 2 and 8 of the farm	Post	

	Yzervarkfontein 106 IS		
Ms Martha Cornelia Jacoba Grobler	Owner of portion 1 of portion 296 of the farm Armersfoot Town and Townlands 57 HS	Post	
Mr Leon Grové	Pixley Ka Seme Local Municipality	Fax	Yes
Ms Florence Jabulile Ntombikayise Gwalla	Owner of erf 15 Ermelo	Post	
Ms Susanna Gertina Hancke	Owner of portion 23 of the farm Mooifontein 108 IS	Post	
Mr Daniel Stephanus Du Toit Hartzenberg	Owner of erf 18 Hendrina	Post	
Mr Ahmed Rashid Hassim	Hendrina 247 Prop CC: Owner of erf 247 Hendrina and Midhend Investments CC owner of portion 3 of erf 247 Hendrina	Post / Undelivered	
Mr Ahmed Rashid Hassim	Midhend Investments CC: Owner of erf 247/3 Hendrina	Post	
Mr Philippus Daniel Hattingh	Owner of portion 4 and 15 of the farm Kafferstad 195 IS and portion 7 of the farm Vrischgewaagd 198 IS	Post	
Mr JW Henning	Hartbeesfontein	Hand delivered	
Mr Johannes Willem Nicolas Henning	Owner of portion 3 of the farm Vogelfontein 245 IS	Post	
Mr Theunis Phillipus Henning	Owner of erf 3209 Ermelo	Post	
Mr Peter Thomas Herbert	Owner of portion 1 of portion 701 of the farm Blesbokspruit 150 IS	No contact details available	
Ms Helen Yvonne Heymans	Owner of erf 1 Hendrina	No contact details available	
Mr Daniel Hlanyane	Msukaligwa Local Municipality	Fax	Yes
Ms Nomusa Mavis Hlatshwayo	Owner of erf 77 Ermelo	Post	
Mr A Hoffman	Mpumalanga Toursim and Parks Agency	Fax	
Mr Willie Horn	Old Mutual Life Assurance Co South Africa Ltd: Owner of erf 105 Ermelo	Post	
Mr Petrus Daniel Horn	Owner of portion 710 of the farm Blesbokspruit 150 IS	Post	
Ms L Human	Eskom Distribution: Land & Rights Practitioner - Northern Region	Fax	Yes
Mr JS Ingram	Technical Services Manager: Xstrata South Africa Pty Ltd: Owner of portion 15, 16 and 17 of the farm Kranspoort 248 IS and portion 1 of the farm Kaferspruit 274 IS	E-mail	
Ms EJM Jacobs	Bakgat Tuisbedryf, Hendrina	Hand delivered	
Ms Sunette Jacobsz	Owner of erf 8 Ermelo	Post	
Ms Jana Janse Van Rensburg	Queens Liquour, Hendrina	Hand delivered	
Mr Jannie Janse Van Rensburg	Owner of portion 7 of the farm Grasfontein 199 IS	Post	
Mr Louis Jona Janse Van Rensburg	Owner of erf 4425 Ermelo	Post	
Mr M Janse Van Vuuren	Kwa Nkhulu Furniture, Hendrina	Hand delivered	
Ms Maria Elizabeth Antonia	Owner of erf 19 Ermelo	Post	

Jennings			
Mr Jacob Petrus Jonker	Owner of erf 20 Hendrina	Post	
Mr Andries Joubert	Owner of erf 271 Hendrina	Post	
Mr Joubert	Sionshoogte	Hand delivered	
Ms Ethel Margaretha Joubert	Owner of portion 49 of the farm Armersfoot Town and Townlands 57 HS	Post	
Mr Johannes Paulus Joubert	Owner of portion 313 of the farm Armersfoot Town and Townlands 57 HS	Post	
Mr Mamogale Kadiaka	Department of Water Affairs (Regional Head): Olifants & Inkomati Water Management Areas	E-mail	Yes
Mr Marius Keet	Department of Water Affairs: Upper Vaal Water Management Area	Fax	Yes
Mr Arthur Edward Ketcher	Owner of erf 269 Hendrina	Post	
Mr Walter Kitshoff	Owner of erf 6 Hendrina	Post	
Mr Willem Jacobus Kleinhans	Owner of erf 126 Hendrina	Post	
Mr Daniel De Witt Koen	Ilangabi Inv 8 Pty Ltd: Owner of portion 25 of the farm Buhrmanns Tafelkop 315 IT	Post	
Mr Pieter Daniel Kotze	Owner of portion 12 of the farm Kranspoort 248 IS	Post / Undelivered	
Mr Gavin Bernard Kotzen	Ribca Trading Pty Ltd: Owner of portion 3 of the farm Mooifontein 108 IS	Post	
Mr Christoffel Johannes Kruger	Owner of portion 2 of portion 711 of the farm Blesbokspruit 150 IS	Post	
Mr Hendrik Christoffel Kruger	Owner of erf 8 Hendrina	Post	
Ms Susara Maria Kruger	Owner of portion 2 of portion 704 of the farm Blesbokspruit 150 IS	Fax	
Mr Jabi Josias Kubheka	Owner of portion 297 of the farm Armersfoot Town and Townlands 57 HS	Post / Undelivered	
Mr Thusi Kubheka	Msukaligwa Local Municipality (Municipal Manager)	E-mail	Yes
Mr WJ Kuhn	Wouter Kuhn Trust: Owner of erf 3793 Ermelo	Post	
Mr Hennie Laas	Executive General Manager: Mpumalanga Agricultural Union	E-mail	Yes
Mr Andre Labuschagne	Amersfoort Forum	E-mail	
Mr Karel Landman	De Wittekrans	Email	
Mr Samuel Jacobus Landman	Owner of portion 8, 9 and 11 of the farm De Wittekrans 218 IS	Post	
Mr John Almond Le Roux	Owner of portion 160 of the farm Mooifontein 108 IS	E-mail	
Mr Tshepo Lefifi	Department of Water Affairs and Forestry - Regional Office - MP Region	E-mail	Yes
Ms Irma Liebenberg	Owner of portion 1 of portion 703 of the farm Blesbokspruit 150 IS / Bethal Interface Forum	E-mail	Yes
Mr Solly Links	Steve Tshwete Local Municipality	E-mail	Yes
Mr John James Lloyd	Owner of portion 17 of the farm Bosmanslaagte 181 IS and portion 3 of the farm Grasfontein 199 IS	Post / Hand delivered	
Mr Nico Lloyd	Owner of erf 175 Hendrina	Post	
Ms Hester Lloyd	Owner of portion 1 of erf 625 Hendrina	Post	
D Lourens	Interested and Affected Party	Hand delivered	
Mr ZH Luhlanga	Pixley Ka Seme Local Municipality: Water Services Councillor (Ward 6)	Fax	Yes

Mr Patrick Lukhele	Chairman: LandCare Forum (local farmers)	Post / Undelivered	
Mr Johan Matthys Maartens	Konsultkor CC: Owner of portion 140 and 141 of the farm Blesbokspruit 150 IS	Post	
Mr KK Mabaso	Nkangala District Municipality (Chief Engineer)		No - Did not want to receive info, will not be affected.
Mr Stanford Macevele	Department of Water Affiars	E-mail	Yes
Mr Cyril Madonsela	Pixley ka Seme Local Municipality	Fax	Yes
Cllr Mapaseka Madonsela	Pixley Ka Seme Local Municipality: Ward 8 Councillor	Post	Yes
Ms Lindiwe Mirriam Magagula	Owner of erf 10 Hendrina	Post	
Mr Douglas Mahlangu	Govan Mbeki Local Municipality: Water Services Councillor	Fax	Yes
Ms Poppie Mahlangu	PEP Store, Hendrina	Hand delivered	
Mr Thomas Mahlangu	Owner of erf 288 Hendrina	Post	
Ms Nomsa Makabate	African Bank, Hendrina	Hand delivered	
Cllr Johannes Makhubu	Msukaligwa Local Municipality: Ward 9 Councillor	Post	Yes
Mr TC Makola	Nkangala District Municipality (Municipal Manager)	Fax	Yes
Mr Mhlupheki Lukas Manana	Owner of erf 472 Ermelo	No contact details available	
Mr Gerhard Marais	Rotran: General Manager	E-mail	Yes
Mr Johan Marais	Owner of portion 11 and 13 of the farm Vogelfontein 245 IS	Post	
Mr Petros Marau	Rotran: Bethal Depot Manager	E-mail	Yes
Mr Surgeon Marebane	Mpumalanga Department of Economic Development, Environment and Tourism	E-mail	Yes
Cllr Stanley Marsh	Msukaligwa Local Municipality: Ward 13 Councillor	Post	Yes
Mr Simpiwe Masilela	Jessica's, Hendrina	Hand delivered / post	
Cllr EF Mathebula	Steve Tshwete Local Municipality: Ward 20 Councillor	Post	Yes
Dr LH Mathunyane	Govan Mbeki Local Municipality (Acting Municipal Manager)	E-mail	Yes
Mr Jan Matsimane	Owner of erf 7 Hendrina	Post	
Ms Sibongela Mavimbela	Department of Water Affairs and Forestry - Regional Office - Welland Delineation	E-mail	Yes
Cllr JB Mayaba	Steve Tshwete Local Municipality (MMC: Traffic, Emergency, Transport, Safety and Security)	Post	Yes
Mrs VC Mazibuko	Hendrina Post Office	Hand delivered	
Mr Thembinkosi Joseph Mbokane	Owner of erf 477 Ermelo	Post / Box closed	

Ms Thobeka Mbona	Highveld Fot. Afas	Hand delivered	
Mr Eddie McKenzie	McKenzie Trust: Owner of erf 3795 Ermelo	Post	
Mr David Mclean	Afgri Operations Ltd: Owner of portion 255, 258 and 259 of the farm Armersfoot Town and Townlands 57 HS	E-mail	
Mr Sarel Lodewyk Meiring	Mpuma Prop Pty Ltd: Owner of portion 139 of the farm Blesbokspruit 150 IS	Post	
Ms Amishka Mewa	Rotran: Transport Control Centre Manager	E-mail	Yes
Mr Paul Leon Meyer	Owner of portion 1 of erf 130 Hendrina	No contact details available	
Mr Mfanufikile Protas Mkhize	Owner of erf 3 Ermelo	Post	
Cllr MP Mkoko	Govan Mbeki Local Municipality: Ward 15 Councillor	Post	Yes
Mr Abnon Mkwebane	Owner of portion 8 of the farm Vogelfontein 245 IS	No contact details available	
Mr Bheki Mndawe	Mpumalanga Department of Economic Development, Environment and Tourism	E-mail	Yes
Mr P Mnisi	Nkangala District Municipality (Water Services Councillor)	Fax	Yes
Mr Ephraim Mohale	Rail Road Association of South Africa: Transnet: Owner of Portion 8 of the Farm Vaalkranz 29-IS and portion 28 of the farm Mooifontein 108 IS	Fax	
Mr Abdul Mohamed	Interested and Affected Party	Hand delivered	
Ms Martha Mokonyane	Department of Minerals and Energy: Assistant Director: Environmental: Mpumalanga	E-mail	Yes
Ms Madi Moloto	Department of Water Affairs	E-mail	No - not affected
Mr Kereditse Nereah Moses	Owner of portion 133 of the farm Mooifontein 108 IS	Post	
Mr Johane Oupa Moyane	Owner of portion 1 of erf 78 Ermelo	Post	
Mr Andrew Mphela	Commission on Restitution of Land Rights: Regional Land Claims Commissioner: Mpumalanga	Fax	Yes
Ms Mamotsebi Joyce Mphethi	Owner of portion 4423 Ermelo	Post	
Mr Petrus Mphuthi	Gert Sibande District Municipality Chief Engineer	E-mail	Yes
Ms Nomsa Glenrose Mpofu	Owner of erf 78 Ermelo	Post	
Mr Wisdom Mpofu	Gert Sibanda District Municipality	E-mail	Yes
Mr Dokotela Moses Msibi	Owner of erf 3752 Ermelo	Post	
Mr Emmanuel Muanza	Govan Mbeki Local Municipality: Manager Technical and Engineering Services	E-mail	Yes
Mr Helgaard Muller	Interested and Affected Party	Fax	Yes
Mr Nicolaas Philippus Muller	Konic's Inv CC: Owner of portion 1533 of the farm Blesbokspruit 150 IS	Post	
Mr Barry Myburgh	Barnard Myburgh Trust: Owner of portion 1 of erf 102 Ermelo	Post	
Mr Dalton Mlungisi Mzinyane	Owner of erf 126 Ermelo	Post / Box closed	

Ms Thea Naude	Hendrina Library	Hand delivered	
Mr Stefanus Johannes Francois Naude	Owner of portion 13 and 14 of the farm Mooifontein 108 IS	Post	
Mr Alli Nazir	South African National Road Agency: Informaiton Officer	Fax	
Mr Allan Ndlamlenze	Nsimb'e Diezinye Construction Services CC: Owner of erf 300 Hendrina	Post	
Mr Danbis Ndlovu	Mpumalanga Department of Public Works, Roads and Transport	E-mail	Yes
Mr Deon Nel	Amersfoort Forum	Fax	
Mr Boy Nemaconde	MDPWR&T: Acting Senior Manager Road Maintenance	E-mail	Yes
Mr Ambrose Ngcobo	Gert Sibande District Municipality: Municipal Manager	E-mail	Yes
Mr Raymond Ngwenyama	MDPWR&T: Project Manager	E-mail	Yes
Mr Doctor Raymond Nhlapo	Owner of erf 297 Hendrina	Post	
Ms Magriet Nieman	Absa Bank Ltd: Owner of portion 2 of erf 247 Hendrina	Hand delivered / E-mail	
Mr Johannes Christoffel Nieman	Owner of erf 174 Hendrina	Post	
Ms Maria Christina Nieman	Owner of erf 132, 174 and 261 Hendrina	Post	
Mr Nicolaas Marthinus Nieman	Owner of erf 131 Hendrina	Post	
Mr Setane Nkopane	Gudani Consulting	E-mail	Yes
Mr Nelson Luka Nkosi	Owner of erf 3786 Ermelo	Post	
Mr/Ms S Nkosi	Eskom PED	E-mail	
Cllr Ben Johannes Nkosi	Msukaligwa Local Municipality: Ward 16 Councillor	Post	Yes
Mr D Nkosi	Msukaligwa Local Municipality (PA to Executive Mayor)	E-mail	Yes
Mr Mosa Joseph Nkosi	Owner of erf 68 Ermelo	Post	
Mr Themba Ellizabeth Nkosi	Owner of portion 300 of the farm Armersfoot Town and Townlands 57 HS	Post / Undelivered	
Ms Arina Fredrika Nolte (Bernstein)	Plaas Mooifontein 108 Gedeelte 16 Pty Ltd: Owner of the remaining protion and portion 9 and 16 of the farm Mooifontein 108 IS	Post	
Ms Elizabeth Jacomina Nortje	Drie Susters Boerdery CC: Owner of portion 7 of the farm Strydkraal 53 HS	Post	
Mr Willem Petrus Marthinus Oberholzer	Owner of erf 76 Ermelo	Post	
Mr Berend Daniel Oberholzer	Owner of erf 480 Ermelo	Post	
Mr Albert Olivier	Govan Mbeki Local Municipality (Deputy Director: Physical Development)	E-mail	Yes
Mr Jacobus Olivier	Owner of erf 128 Ermelo	Post / Undelivered	
Mr Fritz Olmesdahl	Owner of erf 3791 Ermelo	Post	
Mr Hennie (HA) Oosthuizen	Farm: Palmietspruit	Post	
Mr J Oosthuizen	J. de W Oosthuizen Prokureurs	Hand delivered	
Ms Magdalena Josina Oosthuizen	Owner of portion 709 of the farm Blesbokspruit 150 IS	Post	
Mr Johann De Witt Oosthuizen	Owner of portion 231 of the farm Armersfoot Town and Townlands 57 HS	E-mail	

Mr Nicklaas Josephus Oosthuizen	Owner of portion 704 of the farm Blesbokspruit 150 IS	E-mail	
Mr Pieter Cornelius Oosthuizen	Owner of the farm Bosmanskrans 217/8	No contact details available	
Mr Willem Tobias Oosthuizen	Owner of portion 696 of the farm Blesbokspruit 150 IS	Post	
Mr Philippus Carel Opperman	Legdaar 78 Eiendom CC	Post	
Ms Anna Marth Ott	Middelburg Chamber of Commerce and Industry	E-mail	
Mr C Pale	Afgr, Estancial	Hand delivered	
Mr Hassim Goolam Mahomed Peer	Owner of portion 3 of erf 796 Ermelo	Post / Unknown adress	
Mr and Ms AC and HAJ Pelser	Owner of portion 1 of the farm Bloemhof 200/1 and portion 4 and 11 of the farm Grasfontein 199 IS	Post	
Mr Kobus Pelser	Bethal Interface Forum	Fax	
Mr Hendrik Andries Johannes Pelser	Owner of portion 4 and 11 of the farm Grasfontein 199 IS	Post	
Ms Kavita Pema	Department of Water Affairs: Upper Vaal Water Management Area	Fax	Yes
Mr and Ms Leoni and Mario Pedro Pestana	Quick Pick Take Aways, Hendrina: Owner of erf 248 Hendrina and Owner of erf 255 Hendrina	Fax	
Ms Thembokuhle Patience Phakathi	Owner of erf 4 Hendrina	Post	
Mr Riaan Gerhard Pienaar	Owner of portion 1102 of the farm Blesbokspruit 150 IS	Post / Box closed	
Mr Stefan Pienaar	Mpumalanga Department of Public Works, Roads and Transport	E-mail	Yes
Ms Lisa Pierce	Environmental Management Advisor: Eskom Distribution Northern Region	Fax	
Mr Jacobus Hercules Pieterse	Owner of portion 706 of the farm Blesbokspruit 150 IS	Post	
Mr Wynand Pieterse	Landowner: De Wittekrans	Referral / Email	
Mr Andre Potgieter	Owner of erf 3810 Ermelo	Post	
Ms Anneline Pretorius	Eskom Distribution: Land & Rights Practitioner - Northern Region	E-mail	
Mr Alpheus Pretorius	Owner of portion 14 of the farm Tweefontein 203 IS	Post	
Mr Erasmus Johannes Prinsloo	Adamah Baramah Beleggings Pty Ltd: Owner of portion 11 of the farm Kranspoort 248 IS	Post	
Mr Hermanus Jacobus Prinsloo	Owner of portion 3 of the farm Driehoek 273 IS	Post	
Ms Marjorie Anne Pyoos	Boondoo Lot CC: Owner of portion 17 of the farm Tweefontein 203 IS	Post	
Ms Thokozile Ethel Ramachela	Owner of portion 1 of the erf 292 Hendrina	Post	
Mr Tshinyadzo Jonathan Ramulondi	West Dunes Properties 327 Pty Ltd: Owner of erf 11 Hendrina	Post	
Ms R Ras	GAUTRANS Materials Specialist	E-mail	Yes
Mr Pieter Andriaan Reid	Owner of portion 235 of the farm Armersfoot Town and Townlands 57 HS	Post	
Mr David Fred Robinson	Owner of portion 169 of the farm Blesbokspruit 150 IS	Post / Undelivered	

Mr Kamesh Rohan	Govan Mbeki Local Municipality: Acting Manager (Physical Development, Technical and Engineering Services)	E-mail	Yes
Ms Alettha Catharina Roux	Owner of the farm Bosmanskrans 217/5	Post / Hand delivered	
Mr Andries Hercules Roux	Owner of the farm Bosmanskrans 217/RE	Post / Hand delivered	
Mr Mahomed Ameen Sarang	Morgenster No 204 Pty Ltd: Owner of portion 6 of the farm Morgenster 204 IS	Post	
Mr Klaus Schaffrath	SANRAL Northern Region	E-mail	Yes
Mr Nicolaas Marthinus Scheepers	Owner of erf 2 Hendrina	Post / Box closed	
Ms Susarah Johanna Scheepers	Owner of portion 9, 14 and 16 of the farm Bosmanslaagte 181 IS	Post	
Mr John Arthur Vivian Schickerling	Owner of portion 1 of the farm Tweefontein 203 IS	Post	Yes
Mr Jacobus Phillipus Schoeman	Owner of portion 703 of the farm Blesbokspruit 150 IS	Post	
Mr Petrus Jacobus Schoeman	Owner of portion 18 of the farm Bosmanslaagte 181 IS	Post	
Mr Willem Adriaan Jacobus Schoeman	Owner of portion 162 of the farm Mooifontein 108 IS	Post	
Mr Marius Scholtz	Eremelo Business Association	E-mail	
Mr Vincent Schulze	Anvin Beleggings Trust: Owner of the remaining portion and portion 3 of the farm De Wittekrans 218 IS	Email	Yes
Mr Vincent Schulze	Landowner: De Wittekrans	Referral	
Ms Aletta Elizabeth Schutte	Owner of portion 711 of the farm Blesbokspruit 150 IS		
Mr Fazel Seedat	Chairperson: South African Road Federation (Northern Region)	E-mail	
Mr Reuben September	Information Officer (PAIA): Telkom SA Ltd: Owner of erf 177 Hendrina	Fax	
Mr Stephanus Cornelius Serfontein	Owner of erf 265 Hendrina	Post	
Mr Boiknyo Setlhare	Eskom - Komati	E-mail	
Cllr OT Shabangu	Pixley Ka Seme Local Municipality: Ward 7 Councillor	Post	Yes
Mr SH Shabangu	Department of Water Affairs: Institutions Establishment	E-mail	Yes
Mr Jabulani David Shongwe	Owner of portion 134 of the farm Mooifontein 108 IS	Post	
Ms Calender Kally/ Khetiwe Shongwe	Owner of erf 3769 Ermelo	Post	
Cllr PR Sibanyoni	Steve Tshwete Local Municipality (MMC: Infrastructure Development and Service Delivery)	Post	Yes
Ms Ngobile Cecilia Sibanyoni	Owner of portion 2 of erf 77 Ermelo	Post	
Ms Albertina Sibeko	Atlas Finance, Hendrina	Hand delivered	
Ms Lindiwe Poppy Sibiya	Owner of erf 3768 Ermelo	No contact details available	
Ms Nomadlozi Samaria Sidubi	Owner of portion 316 of the farm Armersfoot Town and Townlands 57 HS	E-mail	Yes
Ms Poppy Lindiwe Sikhonde	Owner of erf 127 Ermelo	No contact	

		details available	
Mr Bruno Silva	Interested and Affected Party	Hand delivered	
Mr Francisco Silva	Owner of erf 312 and 313 Hendrina	Post	
Ms May Abel Sithole	Owner of portion 132 of the farm Mooifontein 108 IS	Post	
Ms Lucille Nadine Slabbert	Owner of portion 1 of portion 700 of the farm Blesbokspruit 150 IS	Post	
Ms Adele Smit	Emerlo Community Against Coal Road Initiative (Eco-Cri)	E-mail	
Mr Floris Smit	Rotran	E-mail	
Mr Clinton Warren Smith	Owner of erf 127 Hendrina	Post	
Mr John Samuel Smith	Owner of portion 6 of the farm Bosmanslaagte 181 IS	Post	
Mr Nicolaas Marthinus Snyman	Owner of portion 15 of the farm Mooifontein 108 IS	Post	
Mr TI Soko	SALGA	Fax	Yes
Mr Saied Solomons	Environment Committee: South African Road Federation	E-mail	
Mr Sarel Johannes Francois Stapelberg	Owner of portion 161 of the farm Mooifontein 108 IS	Post	
Mr Athol Stark	Ermelo Community Against Coal Road Initiative (Eco-Cri)	E-mail	
Mr Dirk Steyn	Boomplaas	Hand delivered	
Mr Gabriel Stephanus Steyn	Owner of erf 79 Hendrina	Post	
Mr Marthinus Jacobus Steyn	Owner of erf 21 Hendrina	Post	
Ms Ashlea Strong	Lidwala Consulting Engineers	E-mail	Yes
Mr Gert Marthinus Strydom	Wykom Boerdery CC: Owner of portion 25 of the farm Kafferstad 195 IS	Post	
Ms Trudie Strydom	Owner of portion 5 of the farm Kafferstad 195 IS	E-mail	
Mr Dawid Jacobus Swanepoel	Owner of erf 3770 Ermelo	Post	
Cllr HF Swart	Msukaligwa Local Municipality: Ward 7 Councillor	Post	Yes
Mr J.J.P. Swart	Amersfoort Forum	Post	
Mr Jurgens Johannes Swart	Owner of erf 3807 Ermelo	Post / Box closed	
Mr Lucas Marthinus Swart	Owner of portion 707 of the farm Blesbokspruit 150 IS	Post	
Ms AG Tayob	Amina Goolam Tayob Family Trust: Owner of erf 7296 Ermelo	Post	
Mr Mbana Peter Thabethe	Owner of portion 8, 9 and 10 of the farm Kranspoort 248 IS	Post	
Mr Akhtar Thokan	Mimi Prop Pty Ltd: Owner of portion 137 of the farm Mooifontein 108 IS	Post	
Ms D Thwala	Gert Sibande District Municipality: Water Services Councillor	fax	Yes
Ms Amina Timol	Timol & Son (Pty) Ltd: Owner of portion 1 of portion 235 of the farm Armersfoot Town and Townlands 57 HS	Fax	
Ms Alucia Tjale	Department of Water Affairs: Mpumalanga Water Quality Management (Bronkhorstspuit)	E-mail	Yes
Mr/Ms G Tsaagane	Mpumalanga Department of Public Works, Roads and Transport	E-mail	Yes
Ms Tholiwe Maria Tshabalala	Owner of portion 317 of the farm Armersfoot Town and Townlands 57 HS	Post / Undelivered	
Mr PD Turner	Interested and Affected Party	Hand delivered	

Mr Peter Douglas Turner	Owner of portion 21 and 22 of the farm Kranspoort 248 IS	Post	
Mr Dirk Cornelius Uys	JSHD Beleggings CC: Owner of erf 625 Hendrina	Post	
Mr JM van Aswegen	Department of Water Affairs	E-mail	Yes
Clr JA Van Baalen	Govan Mbeki Local Municipality: Ward 28 Councillor	Post	Yes
Mr Stean van der Linde	Pixley Ka Seme Local Municipality (Director: Technical- and Engineering Services)	E-mail	Yes
Dr FA Van der Merwe	Merwede Trust: Owner of portion 1 and 17 of the farm Mooifontein 108 IS	Updated Post	
Mr Hendrik Christoffel Van Der Merwe	Owner of portion 53 of the farm Armersfoot Town and Townlands 57 HS	Post	
Mr JA Van der Merwe	Biz Africa Pty Ltd: Owner of portion 18 of the farm Mooifontein 108 IS	No contact details available	
Mr Lucas Cornelius Van Der Merwe	Desert Charm Trading 39 Pty Ltd: Owner of portion 1 of the farm Kranspoort 248 IS and portion 1, 4 and 5 of the farm Vogelfontein 245 IS	Post	
Ms Maria Alettacecilia Van Der Merwe	Ewoud Van Der Merwe Pty Ltd: Owner of the remaining portion of the farm Weiland 59	Post	
Mr MJC Van der Merwe	M J C Van Der Merwe Beleggings Trust: Owner of the remaining portion of the farm Dwarstrek 216 IS	Post	
Mr Barend Jacobus Van Der Merwe	Owner of erf 130 Hendrina	Post	
Mr Johannes Bernarus Van Der Merwe	Owner of erf 289 Hendrina	Post	
Mr Willem Wouter Van Der Merwe	Owner of portion 289 of the farm Armersfoot Town and Townlands 57 HS	Post	
Dr Mark Van der Riet	Eskom	E-mail	Yes
Mr Johan Dawid Gerhardus Van Der Walt	Kleinbegin Voerdery CC: Owner of the remaining portion of the farm Oppenskraal 238 IS	Post	
Mr Paul Van der Walt	Transvaal Agricultural Union	E-mail	
Mr Richard Hurtlely Van Der Walt	Owner of erf 283 Hendrina	Post	
Mr Robert Louis Mason Van Der Watt	Owner of erf 16 Hendrina	Post	
Ms Annelie Van Heerden	Afgri: Bethal	E-mail	
Mr Van Huyssteen	Elnita Melkery en Slaghuis, Hendrina	Hand delivered	
Ms Hester Catharina Van Loggenberg	Drie Susters Boerdery CC: Owner of portion 7 of the farm Strydkraal 53 HS	Hand delivered / Post	
Mr Jaques / Johann Van Niekerk	Jomar Trust: Owner of portion 320 of the farm Armersfoot Town and Townlands 57 HS	E-mail	
Mr Francois Petrus Jacobus Johannes Van Niekerk	Owner of erf 76 Hendrina	Post / Unknown adress	
Mr Ignatius Michael Van Rooyen	Owner of erf 3262 Ermelo	No contact details available	

Mr Willie Van Rooyen	South African Irrigation Institute: Mpumalanga Branch Manager	E-mail	
Mr Anton and Jurine Van Tonder	Louisfontein Boerdery Trust: Owner of portion 28 of the farm Mooifontein 108 IS	Hand delivered	
Mr Lee Church Van Tonder	Owner of portion 700 of the farm Blesbokspruit 150 IS	Post	
Mr Leon Van Tonder	Interested and Affected Party	Email	Yes
Mr Anton Van Tonder	Owner of portion 5 and 9 of the farm Yzervarkfontein 106 IS	Post	
Mr Cardie van Wyk	Amersfoort Forum	Post	
Ms Joanita van Wyk	Ermelo Community Against Coal Road Initiative (Eco-Cri)	E-mail	
Mr Pieter Albert Van Zyl	Pieter Van Zyl Eiendom CC: Owner of erf 12, 13 and 15 Hendrina	Post	
Mr Wikus van Zyl	Bethal Interface Forum	Fax / E-mail	
Mr Herman and Magriet Venter	Amersfoort Forum	Post	
Mr Herman Venter	Owner of portion 3 of the farm Roodekopjes 67 HS	Post	
M Herman Vermaak	Herman Vermaak Trust: Owner of erf 23 Hendrina	Post	
Mr Nico Vermaak	Vermaak Plumbing & Sanitary Supplies CC: Owner of portion 1 of portion 138 of the farm Blesbokspruit 150 IS	E-mail	
Mr Bheki Vilakazi	Msukaligwa Local Municipality (Executive Mayor)	E-mail	Yes
Mr L Vilakazi	Standard Bank, Hendrina	Hand delivered	
Mr Ben Viljoen	Steve Tshwete Local Municipality: Chief Road Superintendent	Fax	Yes
Mr Jacob Johannes Visagie	Owner of erf 262 Hendrina	Post	
Ms Cornelia Alettha Von Wielligh	Owner of portion 21 of the farm Kafferstad 195 IS	Post	
Mr NC Vorster	Vorster Trust: Owner of erf 3802 Ermelo	Post	
Mr Paul Philippus Jacobus Vorster	Owner of erf 9 Hendrina	Post	
Mr WJ White	Manager Hendrina Powerstation	E-mail	
Ms Thanda Wiseman Zulu	Govan Mbeki Municipality: Manager: Public Works Section	E-mail	
Ms Marlie Wolmarans	Hendrina Pharmacy	Hand delivered	
Mr Mike Yorke-Hart	The South African National Roads Agency	E-mail	
Ms Sibongile Zikalala	Govan Mbeki Local Municipality: Director Environment and Tourism	Fax	Yes
Ms Vera Stella Zivny	Owner of erf 3798 Ermelo	Post	
Mr ZS Zwane	Msukaligwa Local Municipality: Water Services Councillor	E-mail	Yes
Mr Jeyi John Zwane	Owner of erf 263 Hendrina	Post / Undelivered	
Mr Andy	Pick n Pay, Hendrina	Hand delivered	
Ms Gloria	Franks Market Garden, Hendrina	Hand delivered	
Mr and Ms P. L. Steyn (5404125123009) and A. E. Steyn (5501260030087)	Lyon Steyn Trust: Owner of erf 105 Ermelo	Updated Post	
Ms Precious	Ellerines, Hendrina	Hand delivered	
Ms Selina Nkosi and Nomasonto Mabuza	DED Trading 18	Fax	Yes

Ms Sylvia	Plastic King, Hendrina	Hand delivered	
	1102 Scholsberg Avenue, Bethal	Hand delivered	
	128 Maroela, No 3, Bethal Rand	Hand delivered	
	149 Church Street, Ermelo	Hand delivered	
	159 A Church Street, Ermelo	Hand delivered	
	159 Church Street, Ermelo	Hand delivered	
	17 Tambotie Street, Bethal Rand	Hand delivered	
	34 Tambotie, Bethal Rand	Hand delivered	
	36 Tambotie, Bethal Rand	Hand delivered	
	44 Tambotie, Bethal Rand	Hand delivered	
	50 Tambotie Street, Bethal Rand	Hand delivered	
	696 Scholsberg Avenue, Bethal	Hand delivered	
	698 Scholsberg Avenue, Bethal	Hand delivered	
	699 Scholsberg Avenue, Bethal	Hand delivered	
	7 A Church Street, Ermelo	Hand delivered	
	700 Scholsberg Avenue, Bethal	Hand delivered	
	701 Scholsberg Avenue, Bethal	Hand delivered	
	702 Scholsberg Avenue, Bethal	Hand delivered	
	702 Scholsberg Avenue, Bethal	Hand delivered	
	704 Scholsberg Avenue, Bethal	Hand delivered	
	708 A Scholsberg Avenue, Bethal	Hand delivered	
	709 Scholsberg Avenue, Bethal	Hand delivered	
	710 Scholsberg Avenue, Bethal	Hand delivered	
	78 Sybrand Van Niekerk Street, Amersfoort	Hand delivered	
	87 Boekenhout Street, Bethal Rand	Hand delivered	
	89 Boekenhout Street, Bethal Rand	Hand delivered	
	89 Sybrand Van Niekerk Street	Hand delivered	
	Abe Goldstein Trust: Owner of portion 11 and 27 of the farm Mooifontein 108 IS	No contact details available (trust)	
	Adam Van Niekerk Trust: Owner of portion 3 and 4 of the farm Dwarstrek 216 IS	No contact details available (trust)	
	Adolf Bosman Familie Trust: Owner of portion 170 of the farm Blesbokspruit 150 IS	No contact details available (trust)	
	Afgri Operations Ltd: Owner of portion 9 and 14 of the farm Vogelfontein 245 IS	Post	
	Afgri: Amersfoort	E-mail	

	Alpheus D Nkosi Secondary School	Post	
	Amersfoort Bakkery	Fax	
	Amersfoort Combined School	Post	
	Amersfoort Gemeente Van Die Nederduitse Gereformeerde Kerk: Owner of portion 146 to 151 of the farm Amersfoort Town and Townlands 57 HS	E-mail	
	Amersfoort Post Office	Fax	
	B K B Ltd: Owner of portion 232 of the farm Amersfoort Town and Townlands 57 HS	Post	
	Bashele Primary School	Post	
	Best Choice, Hendrina	Hand delivered	
	Bethal Library	Hand delivered	
	Bhyats Hardware	Fax	
	Biggie B&B	Hand delivered	
	Blueberry Interior	Hand delivered	
	Bosmanspan Primary School	Post	
	Burger Shack	Hand delivered	
	C V O Skool Bethal	Post	
	C V O Skool Ermelo	Post / Undelivered	
	Calela Trust: Owner of the remaining portion of the farm Kranspoort 248 IS	No contact details available (trust)	
	Calstar Trust: Owner of erf 89 and 93 Ermelo	No contact details available (trust)	
	Cebisa Secondary School	Post	
	Chairperson: South African National Roads Agency Limited	E-mail	
	Coko Trust: Owner of the remaining portion of the farm Hartbeesfontein 239 IS	No contact details available (trust)	
	Coniforest Nursery	Hand delivered	
	Dennehof Complex, Sybrand Van Niekerk Street, Amersfoort	Hand delivered	
	Die Speldekussing	Post	
	Dingaansfees Genootskap-Hendrina: Owner of portion 8 of the farm Grasfontein 199 IS	No contact details available	
	Driepan Boerdery CC: Owner of portion 1 of the farm Bosmanslaagte 181 IS and portion 1 of the farm Birmingham 197 IS	No contact details available	
	E M M Mouton Trust: Owner of portion 698 and portion 1 of portion 708 of the farm Blesbokspruit 150 IS	No contact details available	

		(trust)	
	Ebenhaezer Familietrust: Owner of portion 8 and 9 of the farm Waterval IS	No contact details (trust)	
	Ech Inv Llc: Owner of portion 4 of the farm Yzervarkfontein 106 IS	No contact details available	
	Edgar Filter Trust: Owner of erf 3808 Ermelo	No contact details available (trust)	
	Elsie Ballot Hospital	Fax and Hand delivered	
	Eremelo Business Association	Post / Undelivered	
	Erf 107 Beleggings Trust: Owner of erf 107 Ermelo	No contact details available (trust)	
	Erf 3801 Trust: Owner of erf 3801 Ermelo	No contact details available (trust)	
	Ermelo Christian School	Post	
	Ermelo Indian Combined School	Post	
	Ermelo Inn	Hand delivered	
	Ermelo Primary School	Post	
	Ermelo Public Library	Hand delivered	
	Esther De Wit Trust: Owner of erf 108 Ermelo	No contact details available (trust)	
	Gawie Peens Familie Trust: Owner of erf 3800 Ermelo	No contact details available (trust)	
	Gekombineerde Skool Hendrina	Post	
	Geluksdraai Trust: Owner of portion 2 of the farm Geluksdraai 240 IS	No contact details available (trust)	
	Gijigijima Primary School	Post	
	Global Ranch CC: Owner of portion 13 and 23 of the farm of the farm Bosmanslaagte 181 IS and the remaining portion of the farm Abraham's Farm 566 IS	No contact details available	
	Groenewald Trust: Owner of erf 16 Ermelo	No contact details available	

		(trust)	
	Gweda Primary School	Post	
	H A K Davel Trust: Owner of portion 8 of the farm Vaalbank 177 IS	No contact details available (trust)	
	H J S Familie Trust: Owner of erf 18/1 and 19 Hendrina	No contact details available (trust)	
	H T S Ligbron	Post	
	Hendrina Primary School	Post	
	Hendrina Slaghuis en Deli	Hand delivered	
	Henmar Jacobs Trust: Owner of erf 3813 Ermelo	No contact details available (trust)	
	Herbal Investments (Pty) Ltd: Owner of portion 145 of the farm Mooifontein 108 IS	Post / Box closed	
	Highveld Liquor, Ermelo	Hand delivered	
	Hoërskool Ermelo	Post	
	Hoërskool Hoogenhout	Post	
	Ikhethelo Secondary School	Post	
	Imbekezelo Primary School	Post	
	Impala Boerdery Landgoed CC: Owner of poriton 4 of the farm Kaferspruit 274 IS	No contact details available	
	Ithafa Secondary School	Post	
	Jaco Oosthuysen Trust: Owner of erf 178 and 179 Hendrina	No contact details available (trust)	
	Joharina Trust: Owner of erf 133 Hendrina	No contact details available (trust)	
	Kleinboet Lotz Trust: Owner of portion 13 of the farm Koppies Kraal 56 HS	No contact details available (trust)	
	Koffie Huis, Church Street, Ermelo	Hand delivered	
	Kwandisamfuyo Primary School	Post	
	Kwashaka Combined School	Post / Undelivered	
	Kwazamokuhle Secondary School	Post	
	Laerskool Amersfoort	Fax	

	Laerskool Ermelo	Post	
	Laerskool H M Swart	Post	
	Laerskool J J Van Der Merwe	Post	
	Laerskool Marietjie Van Niekerk	Post	
	Lamlile Primary School	Post	
	Lede in Christus Kerk, Bethal Rand	Hand delivered	
	Lewis Stores (Pty) Ltd	Fax	
	Lindile Secondary School	Post	
	M D Coovadia Combined School	Post	
	Majuba Underground Coal Gassification Site	Hand delivered	
	Marie se Blomwinkel at 21 Fourie Street, Ermelo	Hand delivered	
	Marmic Trust: Owner of portion 5 of the farm De Wittekrans 218 IS	No contact details available (trust)	
	Maziya Combined School	Post	
	Merino Trust: Owner of erf 263/1 Ermelo	No contact details available (trust)	
	Methodist Church of South Africa: Owner of erf 3796 and 3799 Ermelo	Post	
	Midnight Service Station, Bethal	Hand delivered	
	Moola Furnishers	Fax	
	Moolas General Wholesalers	Post	
	Moregloed Trust: Owner of portion 7 of the farm Bosmanskrans 217 IS	No contact details available (trust)	
	Morgenster Trust: Owner of the remaining portion of the farm Morgenster 204 IS	No contact details available (trust)	
	Mphephethe Primary School	Post	
Fana	Mrabheli Communal Prop Association: Owner of portion 6, 10 and 11 of the farm Hartbeesfontein 239 IS	Hand delivered	
	Mrubhe Primary School	Post	
	Msukaligwa Local Municipality: Ward 18 Councillor	Post	Yes
	Msukaligwa Social Service Section, Wesselton, Ermelo	Hand delivered	
	Myl Trust: Owner of erf 473 Ermelo	No contact details available (trust)	
	Mzinoni Secondary School	Post	
	N F R Trust: Owner of erf 67 Ermelo	No contact	

		details available (trust)	
	No 1, Bethal Rand	Hand delivered	
	No 11, Bethal Rand	Hand delivered	
	No 117, Bethal Rand	Hand delivered	
	No 3, Bethal Rand	Hand delivered	
	No 7, Bethal Rand	Hand delivered	
	No 83, Bethal Rand	Hand delivered	
	Noltes Eiendomme Trust: Owner of erf 102 Ermelo	No contact details available (trust)	
	Nomndeni Prop Development Pty Ltd: Owner of erf 4474, 4477, 4478, 4653 and 4654 Ermelo	No contact details available	
	O T K (Co-Op) Ltd (Grain Silo)	Fax	
	Owner of erf 308 Hendrina	No contact details available	
	Owner of erf 309 Hendrina	No contact details available	
	Owner of portion 1998 of the farm Blesbokspruit 150 IS	No contact details available	
	Owner of portion 22 of the farm Mooifontein 108 IS	No contact details available	
	Owner of portion 8 of the farm Mooifontein 108 IS	No contact details available	
	Panel Beater and Tuck Shop, Ermelo	Hand delivered	
	Paradise Slaghuis	Fax	
	Peacock Trust: Owner of portion 236 of the farm Armersfoot Town and Townlands 57 HS	No contact details available (trust)	
	Phumula Primary School	Post	
	Pieter Mabuza Primary School	Post	
	Pieter Stoffberg Trust: Owner of erf 97 and 97/3 Ermelo	Fax	
	Pre-Primere Skool Sproetjies: Owner of portion 384 of the farm Armersfoot Town and Townlands 57 HS	Fax	
	Prima Bontique, Hendrina	Hand delivered	
	PSKM Guest House, Church Street	Hand delivered	
	Qambekile Primary School	Post	
	Reggie Masuku Secondary School	Post	
	Rockridge Prop 1005 Pty Ltd: Owner of erf 105/1 Ermelo	No contact	

		details available	
	Royal Square Inv 413 CC: Owner of erf 3776 Ermelo	No contact details available	
	Rudvor Trust: Owner of erf 180 Ermelo	No contact details available (trust)	
	Sakhisizwe Primary School	Post	
	Samonica Inv CC: Owner of erf 181 Ermelo	No contact details available	
	SAPD Dog Unit	Hand delivered	
	Sarang Trust: Owner of erf 245, 246 and 246/1 Hendrina	No contact details available (trust)	
	Saratoga Trust: Owner of erf 3792 Ermelo	No contact details available (trust)	
	Sarita Park Complek, Sybrand Van Niekerk Street, Amersfoort	Hand delivered	
	Sarnia Trust: Owner of portion 2 of the farm Vriscgewaagd 198 IS and portion 2 of the farm Bloemhof 200 IS	No contact details available (trust)	
	Sebenzani Primary School	Post	
	Silver City Trading CC: Owner of erf 179 Ermelo	No contact details available	
	Snip Trading (Pty) Ltd	Post	
	Success Primary School	Post	
	Suid-Afrikaanse Vroue Federasie: Owner of erf 72, 73, 74, 75, 77 and 78 Hendrina	Fax	
	Susan Complex, Church Street, Hendrina	Hand delivered	
	Thandanani Primary School	Post	
	Tjala Vuna Agribusiness Communal Prop Association: Owner of the remaining portion of the farm Wag-n-Bietjie 553 IS	No contact details available	
	Trichardsfontein Combined School	Post	
	Tsiki Naledi Secondary School	Post	
	U Save Shopping	Hand delivered	
	Ukulunga Primary School	Post	
	Umsebe Primary School	Post	
	Units No 1- 11 C/o Church and Cloete Streets, Ermelo	Hand delivered	
	Units No. 1 – 27 Church Street, Ermelo	Hand delivered	
	V P Da Silva Trust: Owner of erf 3802 Ermelo	No contact	

		details available (trust)	
	Von Geyso Johann Heinrich Christoph B-E: Owner of erf 263, 97/1, 97/2 and 2881Ermelo	No contact details available	
	Vosco Trust: Owner of erf 3779 Ermelo	No contact details available (trust)	
	Vukanini Primary School	Post	
	Wesnet CC: Owner of erf 254 Hendrina	No contact details available	
	Wesselton Public Library	Hand delivered	
	Young Harvest Christian School	Post	
	Zohra Joosub Family Trust: Owner of erf 65 and 796/6 Ermelo	No contact details available (trust)	

APPENDIX 10 - COMMENTS FROM I&APs ON THE APPLICATION



APPENDIX 10

No comments were received, other than those reflected in the Comment and Response Report (see Appendix 6).



S.E.F

STRATEGIC ENVIRONMENTAL FOCUS



1 December 2010

WP 2: DEA Ref No: 12/12/20/2078 SEF Ref No: 503918

AFFIDAVIT REQUIRED BY THE NATIONAL DEPARTMENT OF ENVIRONMENTAL AFFAIRS (DEA)

BASIC ASSESSMENT, WATER USE LICENCE APPLICATION AND MINING PERMIT APPLICATION FOR THE PROPOSED REHABILITATION OF ROADS, MPUMALANGA PROVINCE

Work Package 2: N11 between Ermelo and Hendrina

This letter serves to confirm that Strategic Environmental Focus (Pty) Ltd (SEF) placed 10 site notices and circulated letters informing interested and affected parties of the proposed environmental process for the abovementioned project on Wednesday and Thursday, 24 and 25 November 2010 and Tuesday, 30 November 2010.

I certify that before the administering the oath / affirmation I asked the deponent the following questions and wrote down his / her answers in his / her presence:

HEAD OFFICE PRETORIA

PO BOX 74785
LYNNWOOD RIDGE
0040

TEL +27 12 349 1307
FAX +27 12 349 1339

JOHANNESBURG

PO BOX 653219
BENMORE
SANDTON
2010

TEL +27 11 863 3998
FAX +27 11 863 3580

WAZULU-NATAL

PO BOX 127
PAVILION
DURBAN
4011

TEL +27 31 266 1277
FAX +27 31 266 6880

CAPE REGION

PO BOX 1333
DURBANVILLE
CAPE TOWN
7801

TEL +27 21 979 3802
FAX +27 21 979 3830

MPUMALANGA

PO BOX 7978
SHELTON
1000

TEL +27 13 745 7241
FAX +27 13 745 7518

WWW.SEFSA.CO.ZA
SEF@SEFSA.CO.ZA

1. Do you know and understand the contents of the declaration?

Answer: Yes

2. Do you have any objections to taking the prescribed oath?

Answer: No

3. Do you consider the prescribed oath to be binding on your conscience?

Answer: Yes

I certify that the deponent has acknowledged that he/she knows and understands the contents of the declaration which was sworn to / affirmed before me on this 13th day of December 2010 and the deponents signature was placed thereon in my presence.

Commissioner of Oaths

Designation (Rank): Manager Operations Ex Officio Republic
Full Name: Magdalena Susanna Nieuwoudt original document.
Business Address: PO Box 39645 Frank. Glen 0043

Magdalena Susanna Nieuwoudt
Commissioner of Oaths

FOR EXPERT ENVIRONMENTAL AND SUSTAINABLE SOLUTIONS

STRATEGIC ENVIRONMENTAL FOCUS (PTY) LTD
REG NO: 2002/022066/07
Date Number 9/1/8/2 Pretoria

DB RUDOLPH (BL), N.PATHER (PR-ENG), VG MOODLEY (B-COMPT-HONS)



PROOF OF NOTIFICATION LETTERS SENT VIA MAIL



PROJECT NAME: Eskom Roads

PROJECT CODE: 503918

I, Klaas Matjila hereby acknowledge that the following list of letters was mailed at Lymwood Ridge Post Office on today, the 22nd day of November 2010

Name	Reference	Address
Mr Hendrik Marthinus Botha	Owner of portion 7 of the farm Waterval 244 IS and portion 3 of the farm Kaferspruit 274 IS	PO Box 604 Ermelo 2350
Mr Vincent Allan Cockcroft	Owner of portion 11 of the farm Driekhoek 273 IS	PO Box 119 Ermelo 2350
Mr Samuel De Lange	Owner of portion 8 of the farm Bosmanslaagte 181 IS	PO Box 336 Hendrina 1095
Mr Philippus Daniel Hattingh	Owner of portion 15 of the farm Kafferstad 195 IS and portion 7 of the farm Vrischgewaagd 198 IS	PO Box 128 Hendrina 1095
Mr Samuel Jacobus Landman	Owner of portion 9 and 11 of the farm De Wittekrans 218 IS	PO Box 549 Ermelo 2350
Mr John James Lloyd	Owner of portion 3 of the farm Grasfontein 199 IS	PO Box 272 Hendrina 1095
Mr Johan Marais	Owner of portion 13 of the farm Vogelfontein 245 IS	PO Box 914 Ermelo 2350
Mr Johannes Christoffel Nieman	Owner of erf 174 Hendrina	PO Box 180 Hendrina 1095
Ms Maria Christina Nieman	Owner of erf 261 Hendrina	PO Box 180 Hendrina 1095
Mr Hendrik Andries Johannes Pelser	Owner of portion 4 and 11 of the farm Grasfontein 199 IS	PO Box 247 Hendrina Middelburg 1095
Ms Susarah Johanna Scheepers	Owner of portion 9 and 16 of the farm Bosmanslaagte 181 IS	PO Box 645 Bethal 2310
Mr Francisco Silva	Owner of erf 313 Hendrina	PO Box 139 Hendrina 1095
Mr Mbana Peter Thabethe	Owner of portion 9 and 10 of the farm Kranspoort 248	Private Bag X9071

	IS	Ermelo 2350
Mr Peter Douglas Turner	Owner of portion 22 of the farm Kranspoort 248 IS	PO Box 564 Ermelo 2350
Mr Tshinyadzo Jonathan Ramulondi	West Dunes Properties 327 Pty Ltd: Owner of erf 11 Hendrina	PO Box 627 Shayandima 0945
Mr Gert Marthinus Strydom	Wykom Boerdery CC: Owner of portion 25 of the farm Kafferstad 195 IS	PO Box 89 Middelburg 1050
Mr Hendrik Gerhardus Aucamp	Owner of portion 12 of the farm Kaferspruit 274 IS	PO Box 2001 Ermelo 2350
Mr Hendrik Christoffel Kruger	Owner of erf 8 Hendrina	PO Box 316 Hendrina 1095
Mr Paul Phillippus Jacobus Vorster	Owner of erf 9 Hendrina	PO Box 639 Hendrina 1095
Ms Hester Lloyd	Owner of portion 1 of erf 625 Hendrina	PO Box 210 Ermelo 2350
Mr Johane Oupa Moyane	Owner of portion 1 of erf 78 Ermelo	PO Box 1754 Ermelo 2350
Ms Thokozile Ethel Ramachela	Owner of portion 1 of the erf 292 Hendrina	PO Box 2812 Middelburg 1050
Mr and Ms AC and HAJ Pelsler	Owner of portion 1 of the farm Bloemhof 200/1 and portion 4 and 11 of the farm Grasfontein 199 IS	PO Box 247 Hendrina Middelburg 1095
Mr Jan Fredrik Davel	Owner of portion 1 of the farm Organjevlei 201 IS and portion 2 of the farm Tweefontein 203 IS	PO Box 177 Hendrina 1095
Mr John Arthur Vivian Schickerling	Owner of portion 1 of the farm Tweefontein 203 IS	PO Box 776 Hendrina 1095
Mr Vincent Allan Cockcroft	Owner of portion 10 and 11 of the farm Driehoek 273 IS	PO Box 119 Ermelo 2350
Mr Hendrik Gerhardus Aucamp	Owner of portion 11 and 12 of the farm Kaferspruit 274 IS	PO Box 2001 Ermelo 2350
Mr Johan Marais	Owner of portion 11 and 13 of the farm Vogelfontein 245 IS	PO Box 914 Ermelo 2350
Mr Pieter Daniel Kotze	Owner of portion 12 of the farm Kranspoort 248 IS	PO Box 2659 Ermelo 2350
Mr Aipheus Pretorius	Owner of portion 14 of the farm Tweefontein 203 IS	PO Box 98 Hendrina 1095
Mr John James Lloyd	Owner of portion 17 of the farm Bosmanslaagte 181 IS and portion 3 of the farm Grasfontein 199 IS	PO Box 272 Hendrina 1095
Mr Petrus Jacobus Schoeman	Owner of portion 18 of the farm Bosmanslaagte 181	PO Box 500

	IS	Hendrina 1095
Mr Hendrik Marthinus Botha	Owner of portion 2 and 7 of the farm Waterval 244 IS and portion 2 of the farm Kaferspruit 274 IS	PO box 604 Ermelo 2350
Ms Nqobile Cecilia Sibanyoni	Owner of portion 2 of erf 77 Ermelo	PO Box 1440 Ermelo 2350
Mr Jan Augustinus Breedt	Owner of portion 2 of the farm Organjevlei 201 IS	PO Box 39 Middelburg 1050
Mr Peter Douglas Turner	Owner of portion 21 and 22 of the farm Kranspoort 248 IS	PO Box 564 Ermelo 2350
Ms Cornelia Alettha Von Wielligh	Owner of portion 21 of the farm Kafferstad 195 IS	PO Box 70 Hendrina 1095
Mr Jacobus Cornelius Breitenbach	Owner of portion 28 of the farm Spitskop 276 IS	PO Box 651 Ermelo 2350
Mr Hassim Goolam Mahomed Peer	Owner of portion 3 of erf 796 Ermelo	PO Box 2257 Ermelo 2350
Mr Hermanus Jacobus Prinsloo	Owner of portion 3 of the farm Driehoek 273 IS	PO Box 12214 Nelspruit 1200
Mr Johannes Willem Nicolas Henning	Owner of portion 3 of the farm Vogelfontein 245 IS	PO Box 655 Ermelo 2350
Mr Philippus Daniel Hattingh	Owner of portion 4 and 15 of the farm Kafferstad 195 IS and portion 7 of the farm Vrischgewaagd 198 IS	PO Box 128 Hendrina 1095
Mr Christo Coetzee	Owner of portion 4 and 9 of the farm Bosmanskrans 217 IS	PO Box 20 Hendrina 1095
Ms Mamotsebi Joyce Mphethi	Owner of portion 4423 Ermelo	PO Box 409 Ermelo 2350
Ms Trudie Strydom	Owner of portion 5 of the farm Kafferstad 195 IS	POBox 313 Benoni 1500
Mr Samuel De Lange	Owner of portion 6 and 7 of the farm Bosmanslaagte 181 IS	PO Box 336 Hendrina 1095
Mr John Samuel Smith	Owner of portion 6 of the farm Bosmanslaagte 181 IS	PO Box 147 Hendrina 1095
Mr Jannie Janse Van Rensburg	Owner of portion 7 of the farm Grasfontein 199 IS	PO Box 335 Hendrina Middelburg 1095
Mr Mbana Peter Thabethe	Owner of portion 8, 9 and 10 of the farm Kranspoort 248 IS	Private Bag X9071 Ermelo 2350
Mr Samuel Jacobus Landman	Owner of portion 8, 9 and 11 of the farm De Wittekrans 218 IS	PO Box 549 Ermelo 2350
Ms Susarah Johanna Scheepers	Owner of portion 9, 14 and 16 of the farm	PO Box 645

	Bosmanslaagte 181 IS	Bethal 2310
Ms Alettha Catharina Roux	Owner of the farm Bosmanskrans 217/5	PO Box 1268 Kinross 2270
Mr Andries Hercules Roux	Owner of the farm Bosmanskrans 217/RE	PO Box 1268 Kinross 2270
Mr Pieter Albert Van Zyl	Pieter Van Zyl Eiendom CC: Owner of erf 12, 13 and 15 Hendrina	PO Box 130 Vrede 9835
Ms Lindiwe Mirriam Magagula	Owner of erf 10 Hendrina	PO Box 309 Stand 286 Kwazamokuhle 1098
Ms Annelise Du Preez	Owner of erf 11 Ermelo	PO Box 1193 Volksrust 2470
Mr Dalton Mlungisi Mzinyane	Owner of erf 126 Ermelo	PO Box 522 Utrecht 2980
Mr Clinton Warren Smith	Owner of erf 127 Hendrina	PO Box 956 Hendrina 1095
Mr Jacobus Olivier	Owner of erf 128 Ermelo	Private Bag X9013 Ermelo 2350
Mr Barend Jacobus Van Der Merwe	Owner of erf 130 Hendrina	PO Box 12430 Leraatsfontein Witbank 1038
Mr Nicolaas Marthinus Nieman	Owner of erf 131 Hendrina	PO Box 232 Hendrina 1095
Ms Maria Christina Nieman	Owner of erf 132, 174 and 261 Hendrina	PO Box 180 Hendrina 1095
Ms Florence Jabulile Ntombikayise Gwalla	Owner of erf 15 Ermelo	PO Box 1259 Ermelo 2350
Mr Robert Louis Mason Van Der Watt	Owner of erf 16 Hendrina	PO Box 761 Hendrina 1095
Mr Josias Jakobus Greyling	Owner of erf 17 Ermelo	PO Box 2766 Ermelo 2350
Mr Lloyd Nico Lloyd Nico	Owner of erf 175 Hendrina	PO Box 265 Hendrina 1095
Mr Daniel Stephanus Du Toit Hartzenberg	Owner of erf 18 Hendrina	PO Box 720 Hendrina 1095
Ms Maria Elizabeth Antonia Jennings	Owner of erf 19 Ermelo	Suite 754 Private Bag 013 Ermelo 2350
Mr Nicolaas Marthinus Scheepers	Owner of erf 2 Hendrina	PO Box 794 Pullens Hope

		1096
Mr Jacob Petrus Jonker	Owner of erf 20 Hendrina	PO Box 3876 Middelburg 1050
Mr Marthinus Jacobus Steyn	Owner of erf 21 Hendrina	PO Box 233 Hendrina 1095
Ms Leoni Pestana	Owner of erf 248 Hendrina	PO Box 1168 PO Box 2138 2350
Mr Mario Pedro Pestana	Owner of erf 255 Hendrina	PO Box 4654 Babathu 0488
Mr Carl De Klerk	Owner of erf 258 Hendrina	PO Box 1826 Florida Honeydew 1710
Mr Izak Johannes Jacobus Du Plessis	Owner of erf 259 Hendrina	Private Bag X9013 Ermelo 2350
Mr Jacob Johannes Visagie	Owner of erf 262 Hendrina	PO Box 473 Rietkuil 1097
Mr Jeyi John Zwane	Owner of erf 263 Hendrina	PO Box 210 Ermelo 2350
Mr Stephanus Cornelius Serfontein	Owner of erf 265 Hendrina	PO Box 194 Hendrina 1095
Mr Michiel Daniel Bierman	Owner of erf 266 Hendrina	PO Box 948 Hendrina 1095
Mr Arthur Edward Ketcher	Owner of erf 269 Hendrina	Private Bag 7260 Witbank 1035
Mr Andries Joubert	Owner of erf 271 Hendrina	PO Box 108 Hendrina 1095
Mr Korf Jacobus Du Preez	Owner of erf 279 Hendrina	PO Box 3387 Secunda 2302
Mr Richard Hurtley Van Der Walt	Owner of erf 283 Hendrina	PO Box 878 Hendrina 1095
Mr Thomas Mahlangu	Owner of erf 288 Hendrina	PO Box 5187/ 987 Emalaheni 1039
Mr Johannes Bernarus Van Der Merwe	Owner of erf 289 Hendrina	PO Box 15783 Hendrina Middelburg 1050
Mr Doctor Raymond Nhlapo	Owner of erf 297 Hendrina	PO Box 77 Kwazamokuhle 1098
Mr Mfanufikile Protas Mkhize	Owner of erf 3 Ermelo	PO Box 19899 Wasbank 2920
Ms Lydia Aucamp	Owner of erf 301 Hendrina	PO Box 569

		Van Dyksdrif 2245
Mr Francisco Silva	Owner of erf 312 and 313 Hendrina	PO Box 139 Hendrina 1095
Mr Theunis Phillipus Henning	Owner of erf 3209 Ermelo	PO Box 553 Ermelo 2350
Mr Dokotela Moses Msibi	Owner of erf 3752 Ermelo	PO Box 355 Mpuluzi 2335
Ms Calender Kally/ Khetiwe Shongwe	Owner of erf 3769 Ermelo	PO Box 2963 Ermelo 2350
Mr Dawid Jacobus Swanepoel	Owner of erf 3770 Ermelo	1245 Postnet Suite Private Bag X9013 Ermelo 2350
Mr Nelson Luka Nkosi	Owner of erf 3786 Ermelo	PO Box 2681 Ermelo 2350
Mr Fritz Olmesdahl	Owner of erf 3791 Ermelo	PO Box 1250 Ermelo 2350
Mr Johanna Alida Berndrina De Lange	Owner of erf 3794 Ermelo	PO Box 1428 Ermelo 2350
Ms Vera Stella Zivny	Owner of erf 3798 Ermelo	PO Box 55 Carolina 1185
Mr Albertus Stephanus Abraham Fouche	Owner of erf 3806 Ermelo	PO Box 12341 Empangeni 3880
Mr Jurgens Johannes Swart	Owner of erf 3807 Ermelo	PO Box 15658 Riverfield 1564
Ms Lidia Lois Dekker	Owner of erf 3809 Ermelo	PO Box 2236 Ermelo 2350
Mr Andre Potgieter	Owner of erf 3810 Ermelo	PO Box 1502 Ermelo 2350
Ms Thembokuhle Patience Phakathi	Owner of erf 4 Hendrina	PO Box 1157 Kwazamokuhle 1098
Mr Folajimi Vincent Akinsete	Owner of erf 4424 Ermelo	PO Box 1139 Mpuluzi Ermelo 2335
Mr Louis Jona Janse Van Rensburg	Owner of erf 4425 Ermelo	PO Box 210 Ermelo 2350
Mr Arnoldi Frans De Villiers	Owner of erf 4430 Ermelo	PO Box 2044 Ermelo 2350
Mr Johan Philip Coetzer	Owner of erf 4431 Ermelo	PO Box 21 Ermelo 2350

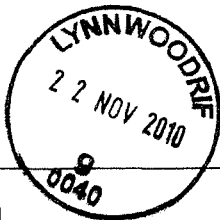
Mr Willem Hendrik Boshoff	Owner of erf 4434 Ermelo	PO Box 2487 Ermelo 2350
Mr Thembinkosi Joseph Mbokane	Owner of erf 477 Ermelo	PO Box 455 Mpuluzi 2335
Mr Berend Daniel Oberholzer	Owner of erf 480 Ermelo	PO Box 1797 Ermelo 2350
Mr Jan Abraham Ferreira	Owner of erf 5 Hendrina	PO Box 499 Ermelo 2350
Mr Walter Kitshoff	Owner of erf 6 Hendrina	PO Box 2379 Secunda 2302
Mr Mosa Joseph Nkosi	Owner of erf 68 Ermelo	PO Box 1387 Ermelo 2350
Mr Jan Matsimane	Owner of erf 7 Hendrina	PO Box 152 Hendrina 1095
Mr Willem Petrus Marthinus Oberholzer	Owner of erf 76 Ermelo	PO Box 1645 Ermelo 2350
Ms Nomusa Mavis Hlatshwayo	Owner of erf 77 Ermelo	PO Box 755 Elukwatini 1192
Ms Nomsa Glenrose Mpofo	Owner of erf 78 Ermelo	PO Box 1275 Ermelo 2350
Ms Elizabeth Marie Brooksbank	Owner of erf 79 Ermelo	PO Box 1024 Ermelo 2350
Mr Gabriel Stephanus Steyn	Owner of erf 79 Hendrina	PO Box 183 Hendrina 1095
Ms Sunette Jacobsz	Owner of erf 8 Ermelo	PO Box 2685 Ermelo 2350
Mr Gerhard Indwe Botha	Golden Hooves Farms CC: Owner of portion 6 of the farm Kaferspruit 274 IS	PO Box 34365 Erasmia 0023
Mr Frick Albrecht	Golfview Mining Pty Ltd: Owner of portion 2 of the farm Buhrmanns Tafelkop 135 IT	PO Box 4929 Middelburg 1050
Mr Aziz Omar Essa	Goolam's Inv Pty Ltd: Owner of erf 324 Hendrina	PO Box 1541 Houghton 2041
Mr Ahmed Rashid Hassim	Hendrina 247 Prop CC: Owner of erf 247 Hendrina and Midhend Investments CC owner of portion 3 of erf 247 Hendrina	PO Box 621 Hendrina 1095
Mr Daniel De Witt Koen	Ilangabi Inv 8 Pty Ltd: Owner of portion 25 of the farm Buhrmanns Tafelkop 315 IT	PO Box 133 Menlyn Pretoria 0063
Mr Mahomed Selim Bhyat	Industrial Standerton 954 Pty Ltd: Owner of erf 7258 and 93/1 Ermelo	PO Box 310 Ermelo 2350

Ms Tertia Carlile	Jonter Beleggings Pty Ltd: Owner of erf 270 Hendrina	PO Box 1094 Middelburg 1050
Mr Akbarali Ghoor	Joosub Mohamed Ghoor Holdings Pty Ltd: Owner of erf 4889 Ermelo	PO Box 1707 Vryburg 8600
Mr Dirk Cornelius Uys	JSMD Beleggings CC: Owner of erf 625 Hendrina	PO Box 305 Middelburg 1050
Mr Johan Dawid Gerhardus Van Der Walt	Kleinbegin Voerdery CC: Owner of the remaining portion of the farm Oppenskraal 238 IS	PO Box 555 Ermelo 2350
Mr Ahmed Rashid Hassim	Midhend Investments CC: Owner of erf 247/3 Hendrina	PO Box 1092 Middelburg 1050
Mr Mahomed Ameen Sarang	Morgenster No 204 Pty Ltd: Owner of portion 6 of the farm Morgenster 204 IS	Private Bag X9061 Ermelo 2350
Mr Allan Ndlamlenze	Nsimb'e Dlezinye Construction Services CC: Owner of erf 300 Hendrina	PO Box 2138 PO Box 2138 2350
Mr Christo Gouveris	A C J Sideris Prop CC: Owner of portion 1 of erf 626 Hendrina	Cor Hendrina Hotel Kerk Street Hendrina 1095
Mr Erasmus Johannes Prinsloo	Adamah Baramah Beleggings Pty Ltd: Owner of portion 11 of the farm Kranspoort 248 IS	PO Box 12214 Nelspruit 1200
	Afgr Operations Ltd: Owner of portion 9 and 14 of the farm Vogelfontein 245 IS	PO Box 11054 Centurion 0046
Mr James Eroid Brown	Amoya Developments CC: Owner of erf 3777 Ermelo	PO Box 10610 Centurion 0046
Mr Charles Michael Bader	Beestepan Boerdery Pty Ltd: Owner of portion 2 and 4 of the farm Birmingham 197 IS and the remaining portion of the farm Organjevlei 201 IS and portion 4 of the farm Birmingham 197 IS	PO Box 67 Middelburg 1050
Ms Catherina Cornelia Du Toit	De Wittekrans CC: Owner of portion 1 of the farm De Wittekrans 218 IS	1a Shannon Road Bedfordview 2007
Mr Lucas Cornelius Van Der Merwe	Desert Charm Trading 39 Pty Ltd: Owner of portion 1 of the farm Kranspoort 248 IS and portion 1, 4 and 5 of the farm Vogelfontein 245 IS	PO Box 1969 Bronkhorstspuit 1020
Mr Ignatius Michael Erasmus	Desertfrost 6 CC: Owner of erf 128 and 129 Hendrina	PO Box 2361 Aerorand Middelburg 1050
Mr Rasmus Stephanus Elardus Alberts	Duiker Mining Pty Ltd: Owner of portion 29, 30 and 40 of the farm Spitskop IS and portion 6 and 12 of the farm Waterval 244 IS and portion 15 of the farm Kaferspruit 274 IS	Suite No 19 Private Bag X1 Melrose Arch 2197
	Die Speldekussing	PO Box 101 Amersfoort 2490
Mr Herman Venter	Owner of portion 3 of the farm Roodekopjes 67 HS	PO Box 43 Hendrina 1095

Ms Maria Alettacecilia Van Der Merwe	Ewoud Van Der Merwe Pty Ltd	PO Box 269 Amersfoort 2490
Ms Ethel Margaretha Joubert	Owner of portion 49 of the farm Amersfoort Town and Townlands 57 HS	PO Box 7 Amersfoort 2490
Ms Elizabeth Catharina Geldenhuys	Elmanti CC: Owner of portion 54 of the farm Amersfoort Town and Townlands 57 HS	PO Box 7449 Centurion 0046
	B K B Ltd: Owner of portion 232 of the farm Amersfoort Town and Townlands 57 HS	PO Box 2002 Noordeinde 6056
Mr Pieter Andriaan Reid	Owner of portion 235 of the farm Amersfoort Town and Townlands 57 HS	PO Box 572 Amersfoort 2490
Mr Willem Wouter Van Der Merwe	Owner of portion 289 of the farm Amersfoort Town and Townlands 57 HS	PO Box 5 Amersfoort 2490
Ms Martha Cornelia Jacoba Grobler	Owner of portion 1 of portion 296 of the farm Amersfoort Town and Townlands 57 HS	PO Box 67 Amersfoort 2490
Mr Jabi Josias Kubheka	Owner of portion 297 of the farm Amersfoort Town and Townlands 57 HS	PO Box 403 Amersfoort 2490
Mr Hendrik Johannes Breytenbach	Owner of portion 301 of the farm Amersfoort Town and Townlands 57 HS	PO Box 292 Amersfoort 2490
Mr Johannes Paulus Joubert	Owner of portion 313 of the farm Amersfoort Town and Townlands 57 HS	PO Box 7 Amersfoort 2490
Ms Tholiwe Maria Tshabalala	Owner of portion 317 of the farm Amersfoort Town and Townlands 57 HS	PO Box 1648 Amersfoort 2490
Mr Johannes Casparus Fourie	Owner of portion 321 of the farm Amersfoort Town and Townlands 57 HS	PO Box 152 Amersfoort 2490
Mr Burger Petrus Botha	Bethalrand Pty Ltd: Owner of portion 144 to 149 and 151 to 159 and 163 of the farm Mooifontein 108 IS	PO Box 36269 Menlo Park Pretoria 0102
Mr Wilhelmina Susanna Botha	Owner of portion 150 and 164 of the farm Mooifontein 108 IS	PO Box 74796 Lynnwood Ridge 0040
Mr Douw Gert and Amanda Briel	Owner of portion 1 of portion 704, portion 701 and 708 of the farm Blesbokspruit 150 IS	PO Box 216 Bethal 2310
Mr Gerhardus Burger	Owner of portion 13 and 15 of the farm Legdaar 78 IS	PO Box 132 Bethal 2310
Mr Johannes Lodewyk Burger	Owner of portion 1 of portion 1102 of the farm Blesbokspruit 150 IS	PO Box 1632 Bethal 2310
Mr Martinus Johannes Coetzee	Owner of portion 29 of the farm Mooifontein 108 IS	PO Box 627 Bethal 2310
Mr Philip Rudolf Croukamp	Owner of portion 1 of portion 710 of the farm Blesbokspruit 150 IS	PO Box 2039 Bethal 2310

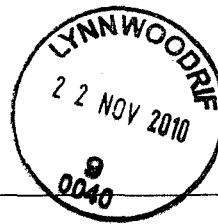
Ms Maria Fernanda Santos Da Silva	Maria-Fernanda Prop CC: Owner of portion 1824 of the farm Blesbokspruit 150 IS	PO Box 144 Bethal 2310
Mr Antonio Goncalves De Abreu	Owner of portion 695 of the farm Blesbokspruit 150 IS	PO Box 328 Bethal 2310
Mr George De Alcantara	Owner of portion 1 of portion 134 of the farm Blesbokspruit 150 IS	PO Box 125 Trichard 2300
Mr Balthazer Johannes Grobler	Owner of portion 2 and 10 of the farm Uitgedacht 299 IS and portion 2 and 4 of the farm Vlaklaagte 107 IS and portion 2 and 8 of the farm Yzervarkfontein 106 IS	PO Box 2 Bethal 2310
Ms Susanna Gertina Hancke	Owner of portion 23 of the farm Mooifontein 108 IS	PO Box 302 Bethal 2310
Mr Petrus Daniel Horn	Owner of portion 710 of the farm Blesbokspruit 150 IS	PO Box 601 Bethal 2310
Mr Gavin Bernard Kotzen	Ribca Trading Pty Ltd: Owner of portion 3 of the farm Mooifontein 108 IS	PO Box 140 Bethal 2310
Mr Christoffel Johannes Kruger	Owner of portion 2 of portion 711 of the farm Blesbokspruit 150 IS	PO Box 1048 Bethal 2310
Ms Irma Liebenberg	Owner of portion 1 of portion 703 of the farm Blesbokspruit 150 IS	PO Box 621 Trichard 2300
Mr Johan Matthys Maartens	Konsultkor CC: Owner of portion 140 of the farm Blesbokspruit 150 IS	PO Box 72430 Lynnwood Ridge Pretoria 0040
Mr Sarel Lodewyk Meiring	Mpuma Prop Pty Ltd: Owner of portion 139 of the farm Blesbokspruit 150 IS	PO Box 141 Bethal 2310
Mr Kereditse Nereah Moses	Owner of portion 133 of the farm Mooifontein 108 IS	PO Box 816 Bothaville 9660
Mr Nicolaas Philippus Muller	Konic's Inv CC: Owner of portion 1533 of the farm Blesbokspruit 150 IS	PO Box 567 Bethal 2310
Mr Stefanus Johannes Francois Naude	Owner of portion 13 and 14 of the farm Mooifontein 108 IS	PO Box 199 Bethal 2310
Ms Arina Fredrika Nolte (Bernstein)	Plaas Mooifontein 108 Gedeelte 16 Pty Ltd: Owner of the remaining portion and portion 9 and 16 of the farm Mooifontein 108 IS	PO Box 119 Bethal 2310
Ms Magdalena Josina Oosthuizen	Owner of portion 709 of the farm Blesbokspruit 150 IS	PO Box 1404 Bethal 2310
Mr Willem Tobias Oosthuizen	Owner of portion 696 of the farm Blesbokspruit 150 IS	PO Box 2125 Bethal 2310
Mr Philippus Carel Opperman	Legdaar 78 Eiendom CC	PO Box 187 Bethal 2310
Mr Riaan Gerhard Pienaar	Owner of portion 1102 of the farm Blesbokspruit 150 IS	PO Box 1415 Bethal

		2310
Mr Jacobus Hercules Pieterse	Owner of portion 706 of the farm Blesbokspruit 150 IS	PO Box 465 Bethal 2310
Mr David Fred Robinson	Owner of portion 169 of the farm Blesbokspruit 150 IS	PO Box 1192 Bethal 2310
Mr Jacobus Phillipus Schoeman	Owner of portion 703 of the farm Blesbokspruit 150 IS	PO Box 6470 Secunda 2302
Mr Willem Adriaan Jacobus Schoeman	Owner of portion 162 of the farm Mooifontein 108 IS	PO Box 15135 Secunda 2302
Mr Jabulani David Shongwe	Owner of portion 134 of the farm Mooifontein 108 IS	PO Box 128 Kabokweni 1245
Ms May Abel Sithole	Owner of portion 132 of the farm Mooifontein 108 IS	Private Bab X1014 Bethal 2310
Ms Lucille Nadine Slabbert	Owner of portion 1 of portion 700 of the farm Blesbokspruit 150 IS	PO Box 1532 Bethal 2310
Mr Nicolaas Marthinus Snyman	Owner of portion 15 of the farm Mooifontein 108 IS	PO Box 167 Bethal 2310
Mr Sarel Johannes Francois Stapelberg	Owner of portion 161 of the farm Mooifontein 108 IS	PO Box 12491 Clubview 0014
Mr Lucas Marthinus Swart	Owner of portion 707 of the farm Blesbokspruit 150 IS	PO Box 5456 Secunda 2302
Mr Akhtar Thokan	Mimi Prop Pty Ltd: Owner of portion 137 of the farm Mooifontein 108 IS	PO Box 42004 Fordsburg 2033
Mr Lee Church Van Tonder	Owner of portion 700 of the farm Blesbokspruit 150 IS	PO Box 144 Bethal 2310
Mr Anton Van Tonder	Owner of portion 5 and 9 of the farm Yzervarkfontein 106 IS	PO Box 484 Bethal 2310



Signed

Anton Van Tonder



Signed

Nicolaas Snyman

PROOF OF NOTIFICATION LETTERS SENT VIA MAIL



PROJECT NAME: Eskom Roads
PROJECT CODE: 503918

I, Steve Nkomo hereby acknowledge that the following list of letters was mailed at Lynnwood Ridge Post office on today, the 23rd day of November 2010

Name	Reference	Address
	Ermelo Business Association	Private Bag X9061 Ermelo 2350
Cllr JB Mayaba	Steve Tshwete Local Municipality (MMC: Traffic, Emergency, Transport, Safety and Security)	PO Box 14 Middelburg 1050
Cllr PR Sibanyoni	Steve Tshwete Local Municipality (MMC: Infrastructure Development and Service Delivery)	PO Box 14 Middelburg 1050
Mr Petri Dafel	Amersfoort Farmers Association	PO Box 389 Amersfoort 2490
Mr FJA Fourie	Hendrina Local Municipality	PO Box 1 Hendrina 1095
Mr Herman and Magriet Venter	Amersfoort Forum	PO Box 512 Amersfoort 2490
Mr Danie Els	Amersfoort Forum	PO Box 57 Amersfoort 2490
Mr J.J.P. Swart	Amersfoort Forum	PO Box 355 Amersfoort 2490
Mr Johan du Plooy	Gert Sibande District Municipality: Infrastructure Manager	P O Box 550 Secunda 2302



Signed _____

Signed _____



PROOF OF NOTIFICATION LETTERS SENT VIA MAIL



PROJECT NAME: Eskom Roads
PROJECT CODE: 503918

I, _____ hereby acknowledge that the following list of letters
was mailed at Lynnwood Ridge Post Office
on today, the 24th day of November 2010

Name	Reference	Address
Mr Patrick Lukhele	Chairman: LandCare Forum (local farmers)	Private Bag X9071 Ermelo 2350

Signed

Signed



PROOF OF NOTIFICATION LETTERS SENT VIA MAIL



PROJECT NAME: Eskom Roads
PROJECT CODE: 503918

I, _____ hereby acknowledge that the following list of letters was mailed at _____ on today, the _____ (Day) day of _____ (Month / Year)

Name	Reference	Address
Mr NC Vorster	Vorster Trust: Owner of erf 3802 Ermelo	10 Church Street Ermelo 2350
Mr WJ Kuhn	Wouter Kuhn Trust: Owner of erf 3793 Ermelo	35 Robertson Street Ermelo 2350
Mr Willem Jacobus Kleinhans	Owner of erf 126 Hendrina	55 Beukes Street Hendrina 1095
Mr Jacobus Johannes Beyers	Owner of erf 3 Hendrina	53 Van Niekerk Street Hendrina 1095
Mr Francois Petrus Jacobus Johannes Van Niekerk	Owner of erf 76 Hendrina	Sonskyn Woonstelle 20 Viljoen Street Hendrina 1095
M Herman Vermaak	Herman Vermaak Trust: Owner of erf 23 Hendrina	33 Van Niekerk Street Hendrina 1095
Mr MJC Van der Merwe	M J C Van Der Merwe Beleggings Trust: Owner of the remaining portion of the farm Dwarstrek 216 IS	46 Grobler Street Hendrina 1095
Mr MY Gani	M Y Gani Family Trust: Owner of erf 244 Hendrina	39 Beukes Street Hendrina 1095
Mr Frans Eduard Durr	Mazan Boerdery Pty Ltd: Owner of erf 293 and 659 Hendrina	30 Van Niekerk Street Hendrina 1095
Mr Eddie McKenzie	McKenzie Trust: Owner of erf 3795 Ermelo	65 Oosthuise Street Ermelo 2350
Mr Willie Horm	Old Mutual Life Assurance Co South Africa Ltd: Owner of erf 105 Ermelo	PO Box 1078 Ermelo 2350
Ms AG Tayob	Amina Goolam Tayob Family Trust: Owner of erf 7296 Ermelo	30 C H Kotze Street Ermelo 2350
Mr Barry Myburgh	Barnard Myburgh Trust: Owner of	PO Box 1585

	portion 1 of erf 102 Ermelo	Ermelo 2350
Ms Marjorie Anne Pyoos	Boondoo Lot CC: Owner of the farm Tweefontein 203 IS	1206 Meara Road Queenswood Pretoria 0186
Mr Hendrik Christoffel Van Der Merwe	Owner of portion 53 of the farm Armersfoot Town and Townlands 57 HS	11 Green Street Amersfoort 2490
Ms Fahmida Abdul Samad Bemath	Owner of portion 234 of the farm Armersfoot Town and Townlands 57 HS	141 Sybrandt van Niekerk Street Amersfoort 2490
Mr Themba Ellizabeth Nkosi	Owner of portion 300 of the farm Armersfoot Town and Townlands 57 HS	208 Pilgrimsrest Road Rietspruit Amersfoort 2490
Ms Elizabeth Wilhelmina De Kock	No Results returned	61 Sybrand Van Niekerk Street Amersfoort 2490
Ms Bridget Gesina Aletta Cilliers	Owner of portion 699 of the farm Blesbokspruit 150 IS	15 Bethal Rand Road Bethal 2310
	Herbal Investments (Pty) Ltd	PO Box 613 Johannesburg 2195

Signed

Signed



PROOF OF NOTIFICATION LETTERS SENT VIA MAIL

S.E.F

S.A. POST OFFICE STRATEGIC ENVIRONMENTAL FOCUS

BRANCH



PROJECT NAME: Eskom Roads

PROJECT CODE: 503918

LYNNWOOD

S.A. POST OFFICE

I, DANIEL hereby acknowledge that the following list of letters was mailed at LYNNWOOD POST on today, the 07/12/10 day of _____ (Month / Year)

Name	Reference	Address
Dear Mr Patrick Lukhele	Chairman: LandCare Forum (local farmers)	Private Bag X 9071 Ermelo 2350
Dear Cllr HF Swart	Msukaligwa Local Municipality: Ward 7 Councillor	PO Box 48 Ermelo 2350
To whom it may concern	Msukaligwa Local Municipality: Ward 18 Councillor	PO Box 48 Ermelo 2350
Dear Cllr Johannes Makhubu	Msukaligwa Local Municipality: Ward 9 Councillor	PO Box 48 Ermelo 2350
Dear Cllr John Blose	Msukaligwa Local Municipality: Ward 10 Councillor	PO Box 48 Ermelo 2350
Dear Cllr Stanley Marsh	Msukaligwa Local Municipality: Ward 13 Councillor	PO Box 48 Ermelo 2350
Dear Cllr Ben Johannes Nkosi	Msukaligwa Local Municipality: Ward 16 Councillor	PO Box 48 Ermelo 2350
Dear Cllr MP Mkoko	Govan Mbeki Local Municipality: Ward 15 Councillor	Private Bag 1017 Secunda 2302
Dear Cllr JA Van Baalen	Govan Mbeki Local Municipality: Ward 28 Councillor	Private Bag 1017 Secunda 2302
Dear Cllr EF Mathebula	Steve Tshwete Local Municipality: Ward 20 Councillor	PO Box 14 Middelburg 1050
Dear Cllr OT Shabangu	Pixley Ka Seme Local Municipality: Ward 7 Councillor	Private Bag X 9011 Volksrust 2470
Dear Cllr ZH Luhlanga	Pixley Ka Seme Local Municipality: Ward 6 Councillor	Private Bag X 9011 Volksrust 2470
Dear Cllr Mapaseka Madonsela	Pixley Ka Seme Local Municipality: Ward 8 Councillor	Private Bag X 9011 Volksrust 2470
Dear Mr LC Grove	Pixley Ka Seme Local Municipality	Private Bag X 9011 Volksrust 2470

The principle	Bashele Primary School	PO Box 324 Ermelo 2350
The principle	Cebisa Secondary School	PO Box 2576 Ermelo 2350
The principle	Ermelo Christian School	PO Box 1844 Ermelo 2356
The principle	Ermelo Indian Combined School	PO Box 182 Ermelo 2350
The principle	Ermelo Primary School	PO Box 777 Ermelo 2350
The principle	Gijigijima Primary School	PO Box 198 Breyten 2330
The principle	H T S Ligbron	Private Bag X9033 Ermelo 2350
The principle	Hoërskool Ermelo	Private Bag X 9017 Ermelo 2350
The principle	Ithafa Secondary School	PO Box 2581 Ermelo 2350
The principle	Kwandsamfuyo Primary School	PO Box 784 Ermelo 2350
The principle	Laerskool Ermelo	PO Box 283 Ermelo 2350
The principle	Laerskool J J Van Der Merwe	Private Bag X 9035 Ermelo 2350
The principle	Lindile Secondary School	PO Box 219 Ermelo 2350
The principle	Mrubhe Primary School	PO Box 105 Breyten 2330
The principle	Phumula Primary School	PO Box 380 Ermelo 2350
The principle	Pieter Mabuza Primary School	PO Box 402 Ermelo 2350
The principle	Qambekile Primary School	PO Box 1482 Ermelo 2350
The principle	Sebenzani Primary School	PO Box 798 Ermelo 2350
The principle	Umsebe Primary School	PO Box 390 Ermelo 2350
The principle	Reggie Masuku Secondary School	PO Box 2011 Ermelo 2350
The principle	C V O Skool Ermelo	PO Box 2149 Ermelo 2350

The principle	Bosmanspan Primary School	PO Box 329 Hendrina 1095
The principle	Gekombineerde Skool Hendrina	Private Bag X6 Hendrina 1095
The principle	Hendrina Primary School	PO Box 126 Hendrina 1095
The principle	Kwashaka Combined School	PO Box 125 Hendrina 1095
The principle	Kwazamokuhle Secondary School	Private Bag X005 Hendrina 1095
The principle	Maziya Combined School	PO Box 650 Hendrina 1095
The principle	Mphephethe Primary School	PO Box 352 Hendrina 1095
The principle	Tsiki Naledi Secondary School	PO Box 735 Hendrina 1095
The principle	Success Primary School	PO Box 375 Hendrina 1095
The principle	Amersfoort Combined School	PO Box 14 Amersfoort 2490
The principle	Laerskool Amersfoort	Private Bag X407 Amersfoort 2490
The principle	Ukulunga Primary School	PO Box 311 Amersfoort 2490
The principle	Alpheus D Nkosi Secondary School	PO Box 621 Bethal 2310
The principle	Young Harvest Christian School	PO Box 1564 Bethal 2310
The principle	Hoërskool Hoogenhout	PO Box 22 Bethal 2310
The principle	Imbekezelo Primary School	PO Box 339 Bethal 2310
The principle	Laerskool H M Swart	PO Box 142 Bethal 2310
The principle	Laerskool Marietjie Van Niekerk	PO Box 2007 Bethal 2310
The principle	Lamile Primary School	PO Box 901 Bethal 2310
The principle	M D Coovadia Combined School	PO Box 344 Bethal 2310
The principle	C V O Skool Bethal	PO Box 1711 Bethal 2310

The principle	Ikhethelo Secondary School	PO Box 1379 Bethal 2310
The principle	Mzinoni Secondary School	PO Box 316 Bethal 2310
The principle	Sakhisizwe Primary School	PO Box 383 Bethal 2310
The principle	Thandanani Primary School	Private Bag X1002 Bethal 2310
The principle	Vukanini Primary School	PO Box 711 Bethal 2310
The principle	Gweda Primary School	PO Box 315 Trichard 2300
The principle	Trichardsfontein Combined School	PO Box 337 Trichard 2300

Signed

Signed

PROOF OF HAND DELIVERED LETTERS

SEF Ref No: 503809

Work Package 2: R38 and R35 in Bethal

24 & 25 November 2010

S.E.F

STRATEGIC ENVIRONMENTAL FOCUS



TITLE / NAME / SURNAME	ORGANISATION	CONTACT DETAILS			SIGNATURE
Marlie Wolmarans	Hendrina Pharmacy	Tel	(013) 2930156	Postal Address	M Wolmarans
		Fax	(013) 2930931	P.O. Box 32	
		Cell		Hendrina	
		E-mail		1095	
LEONERT VILAKAZI	STANDARD BANK	Tel	(013) 2939100	Postal Address	Vilakazi
		Fax	()		
		Cell			
		E-mail			
THEA NAUDE.	HENDRINA BIBLIOTHEEK	Tel	(013) 2930516.	Postal Address	Thandi
		Fax	()	42	
		Cell		HENDRINA	
		E-mail		1095	
JANSE VAN KUNEN. MATTHEUS	KWA. VIKITUKU FURNITURE	Tel	(013) 2930170.	Postal Address	
		Fax	()	BOX 886	
		Cell		HENDRINA 1095.	
		E-mail			
Leoni Pestana	Quick Pick Take AWAYS	Tel	(013) 293 0404	Postal Address	
		Fax	(013) 293 0404	Box 825	
		Cell		Hendrina 1095	
		E-mail			

PROOF OF HAND DELIVERED LETTERS

SEF Ref No: 503809

Work Package ² 4: R38 and R35 in Bethal

24 & 25 November 2010

S.E.F

STRATEGIC ENVIRONMENTAL FOCUS



TITLE / NAME / SURNAME	ORGANISATION	CONTACT DETAILS			SIGNATURE
Siphwe Masilela	JESSICA J	Tel	()	Postal Address	<i>[Signature]</i>
		Fax	()		
		Cell	013-2930315	No 4 Pick ^N Pay	
		E-mail		CETKE	
Abdul	Mohamed	Tel	() 073 267 2744	Postal Address	<i>[Signature]</i>
		Fax	()		
		Cell			
		E-mail			
Andy	PICK N. PAY	Tel	()	Postal Address	<i>[Signature]</i>
		Fax	()		
		Cell	082 979 0841	P.O. Box 640	
		E-mail		HENDRINA	
Precious	GIERINGS HOLDINGS	Tel	(08) 293 0702	Postal Address	<i>[Signature]</i>
		Fax	()		
		Cell			
		E-mail			
Sylvia	Plastic King	Tel	()	Postal Address	<i>[Signature]</i>
		Fax	(013) 293 0238		
		Cell			
		E-mail			

PROOF OF HAND DELIVERED LETTERS

SEF Ref No: 503809

Work Package 4: R38 and R35 in Bethal

24 & 25 November 2010



TITLE / NAME / SURNAME	ORGANISATION	CONTACT DETAILS		SIGNATURE
		Tel	Postal Address	
	Best choice smartest	Tel ()		
		Fax ()		
		Cell		
		E-mail		
Mrs. Margaret Niemcewicz	ABSA Bank Hendrina	Tel (013) 2930062	Postal Address	
		Fax () 2930448	Bank X 11235	
		Cell 0798958534	Nelspruit	
		E-mail margueta@absa.co.za	1200	
Gloria	Frank's market Garden D	Tel (013) 2930266	Postal Address	
		Fax ()	Bus 189	
		Cell	Hendrina	
		E-mail	1099	
	D. Louverdis	Tel ()	Postal Address	
		Fax ()		
		Cell		
		E-mail		
	uSawu Shoprite	Tel ()	Postal Address	
		Fax ()		
		Cell		
		E-mail		

PROOF OF HAND DELIVERED LETTERS

SEF Ref No: 503809

Work Package ² A: R38 and R35 in Bethal

24 & 25 November 2010

S.E.F

STRATEGIC ENVIRONMENTAL FOCUS



TITLE / NAME / SURNAME	ORGANISATION	CONTACT DETAILS			SIGNATURE
Usman Arshad	P.K cafe & Take way	Tel	(012) 6908888	Postal Address	
		Fax	()		
		Cell			
		E-mail	shani2don@yahoo.com		
LUBERTINA SIBERO	ATLAS FINANCE	Tel	(013) 2930635	Postal Address	
		Fax	(013) 2930634		
		Cell			
		E-mail			
Hoëveld onderdele	E.M.J. de Villros.	Tel	(013) 2930338	Postal Address	
		Fax	()		
		Cell			
		E-mail			
M. Cloete.	ANTI EKSSIEK	Tel	(013) 2900172	Postal Address	
		Fax	()		
		Cell			
		E-mail			
C. PALE	AFGRU ESTANCIA SILO	Tel	(013) 2958024	Postal Address	
		Fax	()		
		Cell			
		E-mail			

PROOF OF HAND DELIVERED LETTERS

SEF Ref No: 503809

Work Package 4: R38 and R35 in Bethal

24 & 25 November 2010



TITLE / NAME / SURNAME	ORGANISATION	CONTACT DETAILS			SIGNATURE
MRS VC MATIBUKO	POST OFFICE	Tel	(013) 293 0036	Postal Address	
		Fax	(013) 293 0750	45 B CHURCH STR	
		Cell	079 872 7630	HENDRINA	
		E-mail	Vangile.Matibuko@postoffice.co.za		
POPPIE MAHLANGU	PEP STORE	Tel	(013) 2930227	Postal Address	
		Fax	()	Box 213	
		Cell	0721551108	HENDRINA	
		E-mail	1095-		
VAN HUISSTEEN	ELNITH MELKERT SLAGHOUW	Tel	(013) 2930501	Postal Address	
		Fax	()	Box 159	
		Cell	0829768271	HENDRINA	
		E-mail			
Nomsa Makabele	African Bank	Tel	(013) 293 0551	Postal Address	
		Fax	(013) 293 0562		
		Cell	076 6571830		
		E-mail			
Seyen' Mshand	Harcourt Centre Next to Jik and Jey	Tel	(072) 690	Postal Address	
		Fax	()	10 Box 996	
		Cell	072 6908888	Harcourt	
		E-mail			

PROOF OF HAND DELIVERED LETTERS

SEF Ref No: 503809

Work Package 4: R38 and R35 in Bethal

24 & 25 November 2010

S.E.F

STRATEGIC ENVIRONMENTAL FOCUS



TITLE / NAME / SURNAME	ORGANISATION	CONTACT DETAILS			SIGNATURE
		Tel	()	Postal Address	
		Fax	()		
		Cell			
	Prima Boutique	E-mail			
Jana Janse van Renoburg	Queens Hig	Tel	(013) 2930568	Postal Address	[Signature]
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		Cell	070 156 1774	Hendrina	
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SEF Ref No: 503809

2

Work Package A: R38 and R35 in Bethal

24 & 25 November 2010



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Work Package ² 4: R38 and R35 in Bethal

24 & 25 November 2010



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PROOF OF HAND DELIVERED LETTERS

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Work Package 4: R38 and R35 in Bethal

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SEF Ref No: 503809

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STRATEGIC ENVIRONMENTAL FOCUS



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**Appendix F: Environmental Management
Programme (EMPr)**

BASIC ASSESSMENT REPORT

**WORK PACKAGE 2 – N11 BETWEEN HENDRINA AND ERMELO:
REHABILITATION OF NATIONAL ROUTE 11
BETWEEN ERMELO AND HENDRINA**

DRAFT ENVIRONMENTAL MANAGEMENT PROGRAMME

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Approval for Release

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SOUTH AFRICAN NATIONAL ROADS AGENCY LIMITED
CONTRACT

(insert contract number)

**THE REHABILITATION AND UPGRADE OF THE R35
ALONG SCHLOSSBERG ROAD IN BETHAL,
MPUMALANGA PROVINCE**

PART 1: DRAFT ENVIRONMENTAL MANAGEMENT PROGRAMME

PART 1: ENVIRONMENTAL MANAGEMENT PROGRAMME

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SECTION 1 SCOPE

This Environmental Management Programme (EMPRr) sets out the methods by which proper environmental controls are to be implemented by the contractor. The duration over which the contractor's controls shall be in place cover the construction period of the project as well as the limited time after contract completion defined by the General Conditions of Contract, and the project specifications, as the defects notification period (maintenance period).

The provisions of this EMPRr are binding on the contractor during the life of the contract. They are to be read in conjunction with all the documents that comprise the suite of documents for this contract. Please note that this is a draft EMPR until it is accepted and approved by the Department of Environmental Affairs (DEA) in association with the environmental authorisation for activities applied for in terms of the Environmental Impact Assessment Regulations 2010 promulgated in terms of the National Environmental Management Act (Act 107 of 1998). The Environmental Authorisation (EA) as issued by the DEA should be taken into consideration and should take precedence in the event that any conflict occurs between the terms of the EMPRr and the EA.

The EMPRr is a dynamic document subject to similar influences and changes as are brought by variations to the provisions of the project specification. Any substantial changes shall be submitted to the South African National Roads Agency in writing for approval.

The EMPR identifies the following:

- Construction activities that will impact on the environment.
- Operational Activities that will impact on the environment.
- Specifications with which the contractor shall comply in order to protect the environment from the identified impacts.
- Actions that shall be taken in the event of non-compliance.

It has to be noted that the responsibility of impact management and mitigation lies with the contractor appointed for that specific phase (i.e. construction or operational). Contractors will be provided with the specific scope of their responsibilities upon appointment. Such scope will include the implementation of this document and the measures provided herein. Declarations of understanding of the content of this EMPRr must be signed by the applicant, the engineer and the contractor. These declarations are attached as Appendix A to this report.

This EMPR is compiled using the following concepts and implementation requirements so that the higher principles of sustainable development are realised:

- Continuous improvement. The project proponent (or implementing organisation) must commit to review and to continually improve environmental management, with the objective of improving overall environmental performance.
- Broad level of commitment. A broad level of commitment is required from all levels of management as well as the workforce in order for the development and implementation of this EMPRr to be successful and effective.
- Flexible and responsive. The implementation of the EMPRr must respond to new and changing circumstances, i.e. rapid short-term responses to problems or incidents. The EMPRr is a dynamic "living" document and thus regular planned review and revision of the EMPRr must be carried out.
- Integration across operations. This EMPRr must integrate across existing line functions and operational units such as health, safety and environmental departments in a company/project. This is done to change the redundant mindset of seeing environmental management as a single domain unit.
- Legislation. It is understood that any development project during its works phase is a dynamic activity within a dynamic environment. The Proponent, Engineer, Contractor and Sub-contractor must therefore be aware that certain activities conducted during works may require further licensing or environmental approval, e.g. river or stream diversions, bulk fuel storage, waste disposal, etc. The Contractor must consult the ER, ESO and ECO on a regular basis in this regard.

SECTION 2 DEFINITIONS

- Alien Vegetation:** alien vegetation is defined as undesirable plant growth which shall include, but not be limited to, all declared category 1 and 2 listed invader species as set out in the Conservation of Agricultural Resources Act (CARA) regulations. Other vegetation deemed to be alien shall be those plant species that show the potential to occupy in number, any area within the defined construction area and which are declared to be undesirable.
- Construction Activity:** a construction activity is any action taken by the contractor, his subcontractors, suppliers or personnel during the construction process as defined in the South African National Roads Agency Limited and National Roads Act, 1998 (Act No. 7, 1998)
- Environment:** environment means the surroundings within which humans exist and that could be made up of -
- the land, water and atmosphere of the earth;
 - micro-organisms, plant and animal life;
 - any part or combination of (i) and (ii) and the interrelationships among and between them; and
 - the physical, chemical, aesthetic and cultural properties and conditions of the foregoing that influence human health and well-being.
- Environmental aspect:** an environmental aspect is any component of a contractor's construction activity that is likely to interact with the environment.
- Environmental Authorisation:** Authorisation granted by the Department of Environmental Affairs in respect of an environmental application made with supporting information in the form of a Basic Assessment Report or a Scoping Report and Environmental Impact Assessment Report. Conditions for implementation of the activity applied for is included in the authorisation and must be adhered to at all times.
- Environmental impact:** an impact or environmental impact is the change to the environment, whether desirable or undesirable, that will result from the effect of a construction activity. An impact may be the direct or indirect consequence of a construction activity.
- Road reserve:** the road reserve is a corridor of land, defined by co-ordinates and proclamation, within which the road, including access intersections or interchanges, is situated. A road reserve may, or may not, be bounded by a fence.
- Road width:** for the purposes of the EMPRR, the road width is defined as the area within the road reserve i.e. fence line to fence line, but also includes all areas beyond the road reserve that are affected by the continuous presence of the road, e.g. a reach of a water course.

SECTION 3 IDENTIFICATION OF ENVIRONMENTAL ASPECTS AND IMPACTS

The contractor shall identify likely aspects before commencing with any construction activity. Examples of environment aspects include:

- waste generation
- stormwater discharge
- emission of pollutants into the atmosphere
- chemical use operations
- energy use operations
- water use operations
- use of natural resources
- noise generation
- presence of fauna
- presence of flora
- presence of wetlands
- presence of aquatic species
- visual interference
- erosion and sedimentation
- traffic disruption and delays

After identification of such aspects, the contractor shall programme his work in such a way that each cause and effect of a construction activity is also identified and the activity planned so as to prevent any impact from happening. If prevention is not practicable, or in the event of mishap or misapplication, the contractor shall implement measures to minimise the effect of the impact on the surrounding environment. The contractor shall also provide plans and measures for the engineer's approval, which will limit and contain the magnitude, duration and intensity of the impact. The contractor shall demonstrate that he is capable of carrying out any repair and reinstatement of the damaged environment. These requirements shall be concurrent with the time constraints to produce an approved construction programme.

Listed below are potential environmental impacts that have been identified and that could adversely alter an aspect of the environment through usual construction activities:

- Pollution of atmosphere, soil or water
- Destruction or removal of fauna and flora and effect on biological diversity
- Destruction of wetlands and aquatic habitats
- Deformation of the landscape
- Soil erosion
- Destruction of historical/heritage sites
- Effect on agricultural land
- Noise pollution
- Visual impairments or the presence of unwanted visual activities or objects

General good construction and operational practice will play an important role in avoiding the occurrence of an impact. The attention of the contractor responsible for the applicable phase is drawn to Section 8: Environmental Management of Construction and Operational Activities. Method statements need to be completed for each activity that is to take place (i.e. dust control, work lay down areas, maintenance, concrete mixing areas, etc.). An environmental impact register also needs to be kept at all times. See Appendix 2 for an example of such a record.

SECTION 4 LEGAL REQUIREMENTS

4.1 General

Construction will be according to the best industry practices, as identified in the project documents such as the design report. This EMPRr, which forms an integral part of the contract documents, informs the contractor as to his duties in the fulfilment of the project objectives, with particular reference to the prevention and mitigation of environmental impacts caused by construction activities associated with the project. The contractor should note that obligations imposed by the EMPRr are legally binding in terms of environmental statutory legislation and in terms of the additional conditions to the general conditions of contract that pertain to this project. In the event that any rights and obligations contained in this document contradict those specified in the standard or project specifications then the latter shall prevail.

Standard Operating Procedures and other specification documents as set out by the engineer and contractor should be adhered to at all times. Such documents can be used to support the method statements to be developed.

4.2 Statutory and other applicable legislation

The contractor is deemed to have made himself conversant with all legislation pertaining to the environment, including provincial and local government ordinances, which may be applicable to the contract. A list of such legislation can be found in the Basic Assessment Report, Section A10.

SECTION 5 ADMINISTRATION OF ENVIRONMENTAL OBLIGATIONS

5.1 Appointment of a Designated Environmental Officer (DEO)

For the purposes of implementing the conditions contained herein, the contractor shall submit to the engineer for approval the appointment of a nominated representative of the contractor as the DEO for each phase of the contract. The request shall be given, in writing, at least fourteen days before the start of any work clearly setting out reasons for the nomination, and with sufficient detail to enable the engineer to make a decision. The engineer will, within seven days of receiving the request, approve, reject or call for more information on the nomination. Once a nominated representative of the contractor has been approved he/she shall be the DEO and shall be the responsible person for ensuring that the provisions of the EMPR are complied with during the life of the contract. The engineer will be responsible for issuing instructions to the contractor where environmental considerations call for action to be taken. During the Construction period, the DEO shall submit regular written reports to the engineer, but not less frequently than once a month. During the operational phase, the DEO shall submit reports after maintenance activities have been undertaken, i.e. as and when necessary.

The engineer shall have the authority to instruct the contractor to replace the DEO if, in the engineer's opinion, the appointed officer is not fulfilling his/her duties in terms of the requirements of the EMPR or this specification. Such instruction will be in writing and shall clearly set out the reasons why a replacement is required.

There shall be an approved DEO on the site at all times.

5.2 Administration

Before the contractor begins each construction activity the DEO shall give to the engineer a written statement setting out the following:

- The type of construction activity
- Locality where the activity will take place
- Identification of the environmental aspects and impacts that might result from the activity
- Methodology for impact prevention for each activity or aspect
- Methodology for impact containment for each activity or aspect
- Emergency/disaster incident and reaction procedures
- Treatment and continued maintenance of impacted environment

The contractor may provide such information in advance of any or all construction activities provided that new submissions shall be given to the engineer whenever there is a change or variation to the original.

The engineer may provide comment on the methodology and procedures proposed by the DEO, but he shall not be responsible for the contractor's chosen measures of impact mitigation and emergency/disaster management systems. However, the contractor shall demonstrate at inception and at least once during the contract that the approved measures and procedures function properly.

5.3 Good housekeeping

The contractor shall undertake "good housekeeping" practices during construction as stated in clause 1217 of the COLTO Standard Specifications for Roads and Bridges and sub-clauses 4.18 and 11.11 of the General Conditions of Contract. This will help avoid disputes on responsibility and allow for the smooth running of the contract as a whole. Good housekeeping extends beyond the wise practice of construction methods that leaves production in a safe state from the ravages of weather to include the care for and preservation of the environment within which the site is situated.

5.4 Enforcement, monitoring and auditing

Upon receiving an environmental authorisation for the project, an independent Environmental Control Officer (ECO) must be appointed. The ECO shall conduct quarterly independent environmental audits. The audits are to verify the projects compliance with the EMPR. An initial audit must take place at the commencement of the works as well as a closure audit detailing performance over the works period. The ECO shall be responsible for environmental monitoring, auditing and environmental enforcement.

The ECO duties shall be performed in collaboration with the functions performed by the DEO.

Evidence of the following as key performance indicators, must be included in the audit reports where required:

1. Complaints received from landowners and actions taken.
2. Environmental incidents, such as oil spills, concrete spills, etc. and actions taken (litigation excluded).
3. Incidents leading to litigation and legal contraventions.
4. Environmental damage that needs rehabilitation measures to be taken.

A copy of all DEO monitoring reports, contractor method statements and pro forma documentation must be held by the DEO on site and be made available to the DEA and or the ECO upon request.

5.4.1 General guidelines

The following measures provide guideline solutions to frequently anticipated issues on most development activities:

- The prevention of any site degradation due to non-compliance, administrative or financial problems, and inactivity during the works phase, illegal activities, delays caused by archaeological finds, etc. is ultimately the responsibility of the proponent. Section 28, National Environmental Management Act [NEMA] (Act No. 107 of 1998)
- All workforce members and other personnel are not to go beyond the fenced footprint (fenced footprint refers to works lay down areas as well as the active works site). Landowners are not comfortable when strangers come on to their properties. They will look for reasons to interfere with the works process and may therefore cause delays in the process that can be very costly to the Contractor.
- The Contractors must adhere to agreed and approved access points and haul roads.
- No camping is allowed on any private property.
- Damage to private or public property such as fences, gates and other infrastructure may occur at any time. All damage to be repaired immediately and to the satisfaction of the owner.
- Relevant landowners and businesses must be informed of the starting date of works as well as the phases in which the works shall take place.
- The Contractor must adhere to all conditions of contract including this EMPR.
- Proper planning of the works must be undertaken to allow for disruptions due to rain and very wet conditions.
- Where existing private roads to be utilised as access are in a bad state of repair, such roads' condition must be well documented, including photographs, before they are used for working purposes. If necessary some repairs must be done to prevent damage to equipment.
- All private and public manmade structures near the project site must be protected against damage at all times and any damage must be rectified immediately.
- Proper site management and regular monitoring of site works.
- Proper documentation and record keeping of all complaints and actions taken.
- Regular site inspections and good control over the works process throughout the works period.
- A positive attitude towards Environmental Management by all site personnel must be motivated through regular and effective awareness and training sessions.
- Environmental Audits to be carried out during and upon completion of works.

SECTION 6 TRAINING

The designated environmental officer (DEO) must be conversant with all legislation pertaining to the environment applicable to this contract and must be appropriately trained in environmental management and must possess the skills necessary to impart environmental management skills to all personnel involved in the contract.

The ECO is responsible for ensuring that the DEO on site is given an environmental awareness induction session which not only clearly defines what the environment is and gives specifics detailing the local environment but outlines the requirements of the EMPRr as a management tool to protect the environment.

The contractor shall ensure that adequate environmental training takes place. All Employees shall have been given an induction presentation on environmental awareness. Where possible, the presentation needs to be conducted in the language of the Employees. The environmental training should, as a minimum, include the following:

- The importance of conformance with all environmental policies
- The environmental impacts, actual or potential, of their work activities
- The environmental benefits of improved personal performance
- Their roles and responsibilities in achieving conformance with the environmental policy and procedures and with the requirement of the environmental management systems, including emergency preparedness and response requirements
- The potential consequences of departure from specified operating procedures
- The mitigation measures required to be implemented when carrying out their work activities

In the case of permanent staff the contractor shall provide evidence that such induction courses have been presented. In the case of new staff (including contract labour) the contractor shall inform the engineer when and how he intends concluding his environmental training obligations. An Environmental Awareness Presentation will be developed and provided upon commencement of construction.

Refresher courses must be conducted as and when required. The DEO must ensure daily toolbox talks including alerting the workforce to particular environmental concerns associated with the tasks for that day or the area/habitat in which they are working.

SECTION 7 ENVIRONMENTAL MANAGEMENT OF CONSTRUCTION AND OPERATIONAL ACTIVITIES

This section describes all the management and mitigation measures to be used during each phase of the project as per the identified impacts.

Table 1 provides an indication of the mechanisms that causes environmental impacts for each type of activity undertaken.

Tables 2 - 4 below provides the mitigation measures, the management objectives, measurable targets for each mitigation measure, frequency that actions should be taken at and where needed, notes to the DEO and ECO.

	ALIEN VEGETATION	SENSITIVE AREAS
tation	Preserve indigenous vegetation Preserve topsoil Management of weeds	Prevent loss / damage to species of conservation concern Prevent loss of / damage to archaeological artefacts / remain Prevent loss of topsoil Prevent destruction / degradation of wetlands
tation	Preserve indigenous vegetation Preserve topsoil Management of weeds	Prevent loss / damage to species of conservation concern Prevent loss of / damage to archaeological artefacts / remain Prevent loss of topsoil Prevent destruction / degradation of wetlands
tation	Preserve indigenous vegetation Preserve topsoil Management of weeds	Prevent loss / damage to species of conservation concern Prevent loss of topsoil Prevent destruction / degradation of wetlands Reduce noise and dust
e areas	Protection of indigenous vegetation Preserve topsoil	Prevent loss / damage to species of conservation concern Prevent loss of topsoil Prevent destruction / degradation of wetlands Reduce noise and dust
tation	Protection of indigenous vegetation Preserve topsoil	Prevent loss / damage to species of conservation concern Prevent loss of topsoil Prevent destruction / degradation of wetlands Reduce noise and dust
tation	Preserve indigenous vegetation Preserve topsoil Management of weeds	Prevent loss / damage to species of conservation concern Prevent loss of topsoil Prevent destruction / degradation of wetlands Reduce noise and dust
tation	Preserve indigenous vegetation Preserve topsoil Management of weeds	Prevent loss / damage to species of conservation concern Prevent loss of / damage to archaeological artefacts / remain Prevent loss of topsoil Prevent destruction / degradation of wetlands Reduce noise and dust Prevent disturbance to geological layers not part of mining plan Prevent blasting damage to surrounding structures
tation	Preserve indigenous vegetation Preserve topsoil Management of weeds	Prevent loss / damage to species of conservation concern Prevent loss & degradation of topsoil Prevent destruction / degradation of wetlands
tation	Preserve indigenous vegetation Preserve topsoil Management of weeds	Prevent loss / damage to species of conservation concern Prevent loss & degradation of topsoil Prevent destruction / degradation of wetlands Reduce noise and dust Prevent disturbance to geological layers not part of mining plan

	ALIEN VEGETATION	SENSITIVE AREAS
station	Preserve indigenous vegetation Preserve topsoil Management of weeds	Prevent loss / damage to species of conservation concern Prevent loss & degradation of topsoil Prevent destruction / degradation of wetlands Reduce noise and dust Prevent disturbance to underlying geological layers
station	Preserve indigenous vegetation Preserve topsoil	Prevent loss / damage to species of conservation concern Prevent loss & degradation of topsoil Prevent destruction / degradation of wetlands Reduce noise and dust Prevent disturbance to underlying geological layers
station	Preserve indigenous vegetation Preserve topsoil Management of weeds	Prevent loss / damage to species of conservation concern Prevent loss & degradation of topsoil Prevent destruction / degradation of wetlands Reduce noise and dust
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station	Preserve indigenous vegetation Preserve topsoil Management of weeds	Prevent loss / damage to species of conservation concern Prevent loss & degradation of topsoil Prevent destruction / degradation of wetlands
station	Preserve indigenous vegetation Preserve topsoil Management of weeds	Prevent loss / damage to species of conservation concern Prevent loss & degradation of topsoil Prevent destruction / degradation of wetlands

	MANAGEMENT OBJECTIVES	MEASURABLE TARGET	FREQUENCY OF ACTION
<p>all the personnel on site, specifications contained</p> <p>or to commencement of the notice of construction phase</p>	<ul style="list-style-type: none"> • Ensure necessary approvals obtained • Contract records 	Documentation confirming authorization	Before commencement of construction phase
<p>method statements and available to the approving</p> <p>in the implementation of</p> <p>that the disposal of all the responsibility of the activities stipulated in phase</p>	Ensure environmental awareness and formalise environmental responsibilities and implementation	<ul style="list-style-type: none"> • Contract records • Signed method statements 	Before commencement of construction phase
<p>all activities which require approved by the engineer</p> <p>basis when workers are phase</p>	Ensure environmental awareness and formalise environmental responsibilities and implementation	<ul style="list-style-type: none"> • Approved method statements and relevant pro forma documents • Training records 	<ul style="list-style-type: none"> • Before commencement of construction phase • As and when required
<p>planned off prior to the</p> <p>at the correct areas are</p> <p>N11 route.</p> <p>accommodation and testing</p> <p>ment. However, before</p> <p>val, plans of the exact</p> <p>measures the contractor</p> <p>ilities for litter, kitchen</p> <p>ed in close proximity to</p> <p>s along the route. If the</p> <p>es, and in particular the</p> <p>piles are located as far</p> <p>tor's intended mitigation</p> <p>an the first site meeting.</p> <p>efore any clearing may</p> <p>abilitation of the site.</p> <p>phase</p> <p>contingencies to be put in</p>	Properly demarcated areas	Filled in section of this document	Demarcation and site development plans before commencement of construction phase
	Contingencies for minimising negative impacts anticipated to occur during the works phase	Method statements	Before commencement of construction phase

	MANAGEMENT OBJECTIVES	MEASURABLE TARGETS	FREQUENCY OF ACTION
near the natural vegetation and soil, outside the road reserve, a plan of land reference of the areas to be before any disturbance / stockpiling for easy identification during	<ul style="list-style-type: none"> Prevent undue clearance of vegetation Preserve species as far as possible 	<ul style="list-style-type: none"> Record of site clearance and implementation of relevant mitigation measures Method statements DEO and ECO reports 	Before construction commences
to be vigilant against any practice ved and left as intact as possible. nce with instructions issued by the rd such others as may be indicated areas where natural vegetation has trees as were occurring shall be re-	<ul style="list-style-type: none"> Protect species of conservation concern Rehabilitation of species 	<ul style="list-style-type: none"> Record of site clearance and implementation of relevant mitigation measures Method statements DEO and ECO reports 	Before and during construction as well as during rehabilitation of construction
r shall be strictly adhered to. Any act period shall be cleared by hand ment specially constructed for this e perimeter of the camp and office	<ul style="list-style-type: none"> Determine and preserve as far as possible water drainage patterns, quantity and quality Provision of water for consumption Correct disposal of effluent 	<ul style="list-style-type: none"> Availability of water Method statements Site reports 	Before and during construction
off shall be established prior to ll be taken of these aspects and a site is developed or expanded, it t the drainage pattern. Recognised nsion or re-development. No water s and at other convenient locations ed of in a properly designed and ources (streams, rivers, pans dams rain.	<ul style="list-style-type: none"> Prevent fires Prevent spillage & subsequent pollution 	<ul style="list-style-type: none"> Methods statements Site reports 	During construction and site establishment
that they are not encouraged to from the natural surroundings. The es for construction and supervision ion must be mitigated by effective ored in a demarcated area that is d of any contamination. n areas which have been specially nent should also be done within a excessive soil erosion. These sites e. order, to reduce the probability of poring or bermed area should be , herbicide and insecticides, as	Preservation of ecological factors, water quality, soil and other factors through implementation of correctly implemented construction activities	<ul style="list-style-type: none"> Methods statements Site reports DEO and ECO reports 	During construction

	MANAGEMENT OBJECTIVES	MEASURABLE TARGETS	FREQUENCY OF ACTION
<p>ny 100-year flood line, or as agreed an etc.</p> <p>o prevent pollution.</p> <p>oil and petrol would need to be ls and oils.</p> <p>or similar and this material removed</p> <p>hall be promptly removed by the</p> <p>ete / tar shall be removed from the</p> <p>g area. Cement sediment shall be tructed by the Consulting Engineer.</p> <p>red in appropriate structures with</p> <p>or construction crews. Maintenance</p> <p>ar floodline.</p> <p>rovided facilities.</p> <p>water resources.</p> <p>ips to any surface water resources by the relevant authority.</p> <p>ne Regional Representative of the ately.</p> <p>voidable then excavations must be the sewer lines is not destabilised.</p> <p>any of the water courses within the</p> <p>locations, particularly where food is</p> <p>ed.</p> <p>the need to avoid littering.</p> <p>blanket; and the current load above</p> <p>construction for the presence of any tely.</p> <p>atland systems.</p> <p>flat areas where run-off will be so only be stored for the minimum</p> <p>erosion and sedimentation into river</p> <p>l cleared so as to ensure effective</p>			
<p>vered with tarps to prevent erosion, sary.</p> <p>visibility of construction vehicles and to normal daytime working hours to ng hours.</p>	<p>Limit / prevent visual impacts</p>	<p>Decrease in complaints from surrounding land owners / users and road users</p>	<p>During construction phase</p>

	MANAGEMENT OBJECTIVES	MEASURABLE TARGETS	FREQUENCY OF ACTION
<p>boundaries, where possible.</p> <p>as to a minimum. Noises that could be carried out with respect to noise shall be</p> <p>in the vicinity of the drilling shall be a minimum.</p>	Limit / prevent noise impacts	Decrease in complaints from surrounding land owners / users and road users	During construction phase
<p>ary.</p> <p>water spray vehicles. Dust omission and shall be the subject of Resources (DMR).</p>	Limit / prevent air quality impacts	Decrease in complaints from surrounding land owners / users and road users	During construction phase
<p>of the surface will occur and shall be the stripping and stockpiling of the natural soil covering, including all The areas to be cleared of topsoil shall be maintained throughout the the stockpiled or windrowed topsoil stances shall be disposed of at an s shall be stored, shaped and sited use damming or erosion, or itself be d a height of 2m, and if they are to y, upgraded before replacement.</p> <p>- either by wind or water. Areas to or quick cover and reduction in the The contractor's programme shall psoil and grassing. The contractor or any unnecessary loss of topsoil by the engineer. The contractor's er systems within and beyond the h negligence.</p> <p>aks.</p> <p>ned.</p> <p>e, no vegetation clearance (except he road reserve) will occur.</p> <p>d route.</p> <p>It shall be removed, to a depth if not used for road building. This t was removed for rehabilitation</p>	<ul style="list-style-type: none"> Prevent loss of topsoil and subsoil Prevent contamination / pollution of topsoil and subsoil Prevent erosion and sedimentation 	<ul style="list-style-type: none"> Visible stockpile conditions DEO and ECO reports Method statements 	During construction phase, until stockpiles have been replaced
<p>o ensure that areas outside of the ped areas and stockpiles. Retain</p>	<ul style="list-style-type: none"> Protect / minimise impact on vegetation Preserve species of 	<ul style="list-style-type: none"> Presence of species of conservation concern Presence of 	During construction phase

	MANAGEMENT OBJECTIVES	MEASURABLE TARGETS	FREQUENCY OF ACTION
<p>removing it immediately ahead of entire available topsoil layer and al). most 300mm of soil. and other fine organic matter along oved manner for later reuse in the reapplication during rehabilitation m different sites. than creating new routes through er possible. Where access through e road is permitted, constructed age lines within the floodplain. tion problems. side drains of roadways to keep d plant populations of conservation under threat from the construction specialist and replanted as part of nts may only be removed with the ommended (DEAF, 2005): e year, although the winter months rootball during the lifting, moving soil and to keep the rootball moist. depth as in their original position. the soil. rmeable fencing) as no-go areas eld fires in the wrong season can mplemented during construction. ivities to continue and do not allow atural vegetation and neither may local authority. y qualified ecologist and must: along the road during and post ruction is complete) upgrade activities and application ion (at least one growing season). uring the construction and will be pliance with the conditions of the alien vegetation within the road</p>	<p>conservation concern</p> <ul style="list-style-type: none"> Prevent erosion and sedimentation 	<p>representative collection of indigenous site specific vegetation</p> <ul style="list-style-type: none"> DEO and ECO reports 	

	MANAGEMENT OBJECTIVES	MEASURABLE TARGETS	FREQUENCY OF ACTION
<p>For example, service roads, stockpile created for or from road construction etc. This responsibility shall extend</p>			
<p>Construction activities to ensure absence of water into sensitive areas adjacent to the road.</p> <p>Prevent sedimentation and soil erosion through reduced soil erosion, siltation and wetlands adjacent the road. Implement measures to prevent soil erosion and sedimentation subsequent to construction activities by implementing appropriate construction processes e.g. planting vegetation.</p>	<ul style="list-style-type: none"> • Protect / minimise impact on animals • Preserve species of conservation concern 	<ul style="list-style-type: none"> • Presence of species of conservation concern • Presence of representative collection of indigenous site specific fauna • DEO and ECO reports 	During construction phase
<p>Protection of specific HGM units, wetlands and riparian areas on both sides of the existing road (e.g. wetlands) and strictly stay within the existing boundaries.</p> <p>Identify and protect site indigenous species and in accordance with the Wetland Assessment for a list of species to be protected.</p> <p>A monitoring program must be initiated that includes water systems are properly installed and maintained.</p> <p>Proper demarcation and appropriate signage to inform all staff of the harmful effect on wetlands. This signage programme to be effected by the contractor.</p> <p>Establish "NO-GO Areas". All no-go areas shall be clearly marked during the contract period shall be cleared of vegetation and debris (e.g. buildings and asphalt) should not be used for storage (e.g. temporary), or within 30m of a wetland where slope in combination with erosion and deposition of materials within the wetland area.</p> <p>Measures must be taken to ensure building foundations are within a 30m buffer zone of 30m. Regular monitoring for contamination, eutrophication or sedimentation should be maintained regularly in and around the wetland areas.</p> <p>During the construction phase must be implemented to protect the downstream system. The use of silt fences, is recommended as the swales to reduce the velocity of water that may reach the wetlands using a siltation and erosion control.</p>	<ul style="list-style-type: none"> • Protect and preserve wetlands • Prevent erosion and sedimentation • Protect vegetation and animals associated with wetlands 	<ul style="list-style-type: none"> • Visible quality of wetlands • Presence of wetland fauna and flora species • DEO and ECO reports 	During construction phase

	MANAGEMENT OBJECTIVES	MEASURABLE TARGETS	FREQUENCY OF ACTION
<p>should be forwarded to the relevant authorities.</p> <p>flow of water through the wetland during construction, disturbance to the environment is minimised.</p> <p>erosion and sedimentation into river channels.</p> <p>Construction works up to three days in advance must be notified. Storing works or materials during a storm event to protect construction works should be avoided.</p> <p>Construction works should be located in a demarcated area that is free of any contamination (outside of the site boundary).</p>			
<p>Construction works in areas in close proximity to water courses should be above the 20 year floodline or at least 10m above the river is the maximum or as agreed with the relevant authorities. If possible, the material must be retained in a silt trap or batter or topsoil stockpile that is to be covered with a tarpaulin or stockpiles in order to redirect runoff to the watercourse and prevent stockpile sedimentation.</p> <p>Construction works in close proximity to water courses should be compacted, and single handling is to be avoided. Construction works should be completed within a 12 month period – with either water or a bund to be present within the watercourses. Construction works should still be applied. As such, care should be taken when conducting work at the site during times when biota are not likely to be present.</p>	<ul style="list-style-type: none"> • Protect and preserve rivers and aquatic life • Prevent erosion and sedimentation • Protect vegetation and animals associated with rivers 	<ul style="list-style-type: none"> • Water quality monitoring • Presence aquatic species • DEO and ECO reports 	During construction phase
<p>Construction works should be protected from erosion and from contamination by fuel, oil, cement, concrete, sewage, chemicals, asbestos, radioactive or tar products.</p> <p>Construction works for prevention, containment and treatment of water and drainage systems should be designed to prevent sedimentation ponds or silt traps. Bunds or fluids are used in the construction to contain runoff so that they function to prevent runoff from entering any surface waters or storm drains.</p> <p>Construction works should be contained. Construction works should be off entering and leaving the site is to be avoided. Construction works should be located within the management lines. Construction works should not be dumped into the storm water</p>	<ul style="list-style-type: none"> • Protect and preserve water resources • Prevent sedimentation and erosion 	<ul style="list-style-type: none"> • Water quality monitoring • Method statements • DEO and ECO reports 	During construction phase

	MANAGEMENT OBJECTIVES	MEASURABLE TARGETS	FREQUENCY OF ACTION
<p>proof metal drums for collection and lection and removal of refuse to the DWA licensed landfill site or at a site site is not within reasonable distance burned or buried at or near the site waste disposal site.</p>	<ul style="list-style-type: none"> • Prevent spillage of waste • Prevent contamination of soil and water resources 	<ul style="list-style-type: none"> • DEO and ECO reports • Method statements • Visible factors 	During construction phase
<p>given to the treatment of sewage ation and at all localities on the site ents should be to the satisfaction of</p> <p>llowing sewage handling methods: nviro loos”, or the use of chemical The type of sewage treatment will ontract and proximity (availability) of ed, it shall not be closer than 800 The waste material generated from ing of the chemical toilets shall be</p> <p>ioned within walking distance from for this purpose shall not, under any</p> <p>be secured to prevent them from eptible to flooding. The contractor responsible for enforcing their use condition to the satisfaction of the</p>	<ul style="list-style-type: none"> • Prevent sewage spillage • Prevent contamination of soil and water resources 	<ul style="list-style-type: none"> • DEO and ECO reports • Method statements • Visible factors 	During construction phase
<p>nstruction period, the facilities shall t free of litter.</p> <p>ligent behaviour with regard to the ide litter collection facilities for later</p>	<ul style="list-style-type: none"> • Prevent contamination of soil and water resources • Prevent littering form occurring 	<ul style="list-style-type: none"> • DEO and ECO reports • Method statements • Visible factors 	During construction phase
<p>its at the work site.</p> <p>l of in an approved and registered tumen products such as binders or round or contaminating water.</p> <p>ous products on the site, over sed or rejected tar or bituminous Any spillage of tar or bituminous hall be promptly reinstated to the</p>	<ul style="list-style-type: none"> • Prevent hazardous substance spillage • Prevent contamination of soil and water resources 	<ul style="list-style-type: none"> • DEO and ECO reports • Method statements • Visible factors 	During construction phase

	MANAGEMENT OBJECTIVES	MEASURABLE TARGETS	FREQUENCY OF ACTION
<p>rect spillage of pollutants such as s, aggregate, tailings, wash water, a spillage, the contractor shall be sted area.</p> <p>individual responsible for, or who /her DEO or to the engineer. The d act as required. In all cases, the ent of polluted soil / water shall be d the engineer. Areas cleared of nstructions</p> <p>lora show signs of deterioration or ht for appropriate treatment and input shall be agreed with the the contractor's account, including</p>	<ul style="list-style-type: none"> Prevent contamination of soil and water resources 	<ul style="list-style-type: none"> DEO and ECO reports Method statements Visible factors 	During construction phase
<p>afe use of petrochemicals and oils off whose duty it is to manage and chinery and equipment.</p>	Prevent safety risks	<ul style="list-style-type: none"> OHS policy implementation OHS officer reports 	During construction phase
<p>o be reported on and addressed is used, the local authority should</p>	<ul style="list-style-type: none"> Correct implementation of management measures at the construction camp Prevention of environmental deterioration / degradation 	<ul style="list-style-type: none"> DEO and ECO reports Method statements 	During construction phase
<p>only be stored under controlled be stored in a secured, appointed luminous products shall only take</p> <p>orisation to store such substances signs indicating the nature of the or containment structure. Before ill furnish the engineer with details mitigate against pollution of the od shall be a concrete floor that is n the relevant authority that the proposals shall also indicate the egatively affect an individual or the</p>	<ul style="list-style-type: none"> Prevent hazardous substance spillage Prevent contamination of soil and water resources 	<ul style="list-style-type: none"> DEO and ECO reports Method statements Visible factors 	During construction phase
<p>aintained by the fuel suppliers. An diesel areas to accommodate any he bund wall shall be lined with an eakage, spillage or overflow of fuel</p> <p>, well-ventilated area.</p>	<ul style="list-style-type: none"> Prevent fire Prevent spillage 	<ul style="list-style-type: none"> DEO and ECO reports Method statements Visible factors 	During construction phase

	MANAGEMENT OBJECTIVES	MEASURABLE TARGETS	FREQUENCY OF ACTION
<p>of vehicles and machinery shall be and oil should be separated in an oiling tank and removed from site by a disposal sites for toxic/hazardous in the service unit's sludge tank and t oil recycling company.</p> <p>off site. Any contaminated soil shall nts shall be collected and disposed ated materials.</p>	<ul style="list-style-type: none"> Prevent fire Prevent spillage Prevent contamination of soil and water resources 	<ul style="list-style-type: none"> DEO and ECO reports Method statements Visible factors 	During construction phase
<p>R that before entry into any borrow borrow pit shall have been approved he is in possession of the approved conditions imposed by the relevant e extensive and explicit than the uring between the requirements of ly. The cost of complying with the e Pricing Schedule.</p>	<ul style="list-style-type: none"> Prevent destruction of faunal and floral species Prevent destruction of geological layers underneath required mineral Minimise impact on surrounding environment 	<ul style="list-style-type: none"> Relevant authorisation from DMR ECO reports EMPR for borrow pits 	During construction phase
<p>is intended construction processes umber of personnel and plant to be ise, dust, litter, fuel, oil, sewage), will be prevented, contained and that such activities will have on the : "good housekeeping", particularly left in a safe condition from rainfall</p>	<ul style="list-style-type: none"> Prevent destruction of faunal and floral species Prevent destruction of geological layers underneath required mineral Minimise impact on surrounding environment 	<ul style="list-style-type: none"> Method statements DEO and ECO reports Visible factors 	During construction phase
<p>second schedule to the Atmospheric e of an asphalt plant be considered permit from the DEA, regardless of</p> <p>de or outside of defined borrow pit as well as the applicable industrial re. Such sites will be the subject of e project. In addition, the selection, uch sites shall be the same as for n that the contractor shall provide nvironmental damage from toxic / plans that take into account such , linings to drainage channels and m the DEA and the DWA, as shall his submissions to the relevant</p> <p>reated in a suitable designated surface and groundwater pollution. engineer for approval. Before pproval must be obtained from the</p> <p>e within 2 months after any plant is months apart</p>	<ul style="list-style-type: none"> Prevent pollution Prevent degradation of site Prevent spillage 	<ul style="list-style-type: none"> Method statements DEO and ECO reports 	During construction phase
<p>maintenance and closure of any ects notification period. This shall</p>	<ul style="list-style-type: none"> Prevent degradation of spoil site 	<ul style="list-style-type: none"> Site records DEO and ECO reports 	During construction phase

	MANAGEMENT OBJECTIVES	MEASURABLE TARGETS	FREQUENCY OF ACTION
<p>ill sites may be used proposals for rehabilitation shall be given to the ill have signed approval from the site shall be located within 500m of sites for monitoring purposes. This</p> <p>or toxic wastes shall be prohibited s into the surrounding environment. provincial or national authority. The various camp establishments. The val if requested by the contractor.</p> <p>shall receive a minimum of 75mm slopes shall not exceed a vertical: approval be given to exceed this ll be undertaken by the contractor. motivate to the engineer for other completed spoil site at the end of landowner's clearance notice and 's costs incurred in obtaining the be deemed to be included in the</p>	<ul style="list-style-type: none"> • Prevent / minimise loss of vegetation and animal life • Correct rehabilitation of spoil sites 	<ul style="list-style-type: none"> • Appearance of soil site (i.e. lack of littering, erosion, etc.) 	
<p>from borrow pits and cuttings, in so nt where it is to be used. However, the stockpiling of excavated and e plan submitted in writing to the posed measures for prevention,</p> <p>es and shrubs present that may be egetation in the immediate area of ractor shall at all times ensure that</p> <p>e material and contamination of</p> <p>e-instated to its original condition. remain on site. Areas affected by ned at the contractor's cost until</p> <p>ockpiled in areas approved by the ition as other stockpiled materials. f material from road construction instructed to do so in the contract</p> <p>nd disposal of construction rubble use only when they have been</p>	<ul style="list-style-type: none"> • Prevent deterioration of stockpiles • Prevent sedimentation and erosion 	<ul style="list-style-type: none"> • Visible signs of lack of erosion, sedimentation, invader species and weeds on stockpiles • Correct sizes of stockpiles 	<p>During construction phase until stockpiles are used and areas rehabilitated</p>

	MANAGEMENT OBJECTIVES	MEASURABLE TARGETS	FREQUENCY OF ACTION
<p>(/ pits) the contractor shall rigorously use of explosives. In addition, the blasting, supply the engineer with a of influence of the ground and air each dwelling, structure and service / structures / services including condition of doors, windows, roofing, or any costs that can be attributed to lands and fields. The submission of responsibilities in this regard.</p> <p>which he intends to advertise to the e expected for each individual blast. tivities occur:</p> <p>be consulted and informed of the</p> <p>downers / user and affected parties</p> <p>ners / users before the locality plan are made.</p> <p>is shall be erected and appropriate</p>	<p>Minimise impact of blasting activities on affected parties</p>	<ul style="list-style-type: none"> • Site records • Landowner consultation • Safety records 	<p>During blasting activities</p>
<p>all be treated according to the express instructions contained in these specifications or the approved EMPR. The l in any way by the hindrance of the designated sensitive area or feature. However, the overriding principle is that such n made prior to the project going out to tender.</p>			
<p>shall be stopped immediately. The on from removing or damaging any he engineer of such discovery. The e contacted who will appoint an rance is given in writing by the or historical interest that have not</p> <p>ie commencement of work, then all topped and the engineer and local acted and in the case of graves, and reburial. The undertaker will, family of the deceased and for the y of other sites with archaeological oc treatment.</p>	<ul style="list-style-type: none"> • Minimise impacts on archaeological artefacts and graves • Prevent undue disturbance of human remains 	<ul style="list-style-type: none"> • Reports to SAHRA • Method statements • DEO and ECO reports • Site records 	<p>During construction phase</p>
	<p>Minimise / prevent impacts on sensitive Flora and Fauna</p>	<ul style="list-style-type: none"> • DEO and ECO reports • Presence of sensate species 	<p>During construction and rehabilitation</p>
<p>mmending period and have been her issues and comments will be</p> <p>asures as provided for above.</p>	<p>Minimise impacts on surrounding landowners / user, other interested and affected parties as well as road users</p>	<p>Decrease in complaints from said parties</p>	<p>During construction and rehabilitation</p>
<p>tion at the end of the contract. All</p>	<p>Rehabilitate the site to as</p>	<p>Final ECO report</p>	<p>After construction</p>

	MANAGEMENT OBJECTIVES	MEASURABLE TARGETS	FREQUENCY OF ACTION
<p>shall be removed from the site on</p> <p>between Hendrina and Ermelo, the</p> <p>includes landscaping activities along</p> <p>of grass within the road reserve</p> <p>includes, for example, service roads,</p> <p>material generated for, or from, road</p> <p>road reserve, or at designated or</p> <p>extend until expiry of the defects</p>	<p>close as possible to the original, pre-construction state.</p>		

MEASURE	MANAGEMENT OBJECTIVES	MEASURABLE TARGETS	FREQUENCY OF ACTION
<p>road upgrade are always kept clean. by informing the public of illegal littering.</p>	<ul style="list-style-type: none"> Minimise visual impacts on surrounding land owners / users and road users. Supply enough signage along the route thereby informing the public of illegal littering. 	<p>Decrease in complaints from surrounding land users or road users</p>	<p>As and when necessary</p>
<p>maintenance to ensure that areas outside of road through trampling. should be avoided at all times through routine monitoring plan to prevent the colonisation of areas (e.g. starting upstream and working on a regular follow ups. activities for colonisation by exotics or algae. chemical methods, especially in terms of herbicide and make use of chemicals. approved solid waste disposal site. If no success during eradication, then the wood may be removed. If practically possible, utilising specified herbicide naturally occurring in the area should be used by the construction activities. vegetation which is in accordance with the legislation suitable for the proposed subsequent use. ensure that soil contamination does not occur by using vegetation beneath the finer material. Qualified Contractor, making use of the appropriate seeding. specified where regrassing is urgent, and prior to commencement of the road upgrade construction. following practical completion, unless necessary as no-go areas using danger tape and should be fenced off to prevent vehicular, and any vegetation growth after three months of the road should be ripped to a depth of 100mm and hydroseeded. any structures that exist shall be removed to permit re-vegetation.</p>	<ul style="list-style-type: none"> Minimise impacts on local and indigenous flora Protect plant species of conservation concern Remove alien invasive species Clean road reserve 	<p>Record of protected species found and relocated</p>	<p>Quarterly</p>
<p>road, specifically where watercourses</p>	<ul style="list-style-type: none"> Minimise impacts on 	<p>Record of protected</p>	<p>When such species are found</p>

MEASURE	MANAGEMENT OBJECTIVES	MEASURABLE TARGETS	FREQUENCY OF ACTION
<p>ement corridors for a number of faunal in the fragmentation effect of roads and with them.</p> <p>imize the number of larger faunal species sions.</p> <p>nities after construction activities by</p>	<p>local and indigenous fauna</p> <ul style="list-style-type: none"> • Protect animal species of conservation concern 	<p>species found and relocated</p>	
<p>GM 2 and HGM 6. Headgully erosion is abitat and are likely to threaten the integrity velocities). It is recommended that nd installed in the appropriate localities in id re-establish the wetlands water table to</p> <p>exposed to several anthropogenic r two pipes which have caused plunge pool s downstream. Appropriate rehabilitation ed including velocity breaking structures restoration initiatives of the affected</p> <p>gully erosion east and west of the existing r processes. The worst affected section is e pool have formed with subsequent gully onstructed upstream of the road which will l. The downstream area with plunge pool ocity dissipating structures introduced to</p> <p>inal score during the field assessment and / unchannelled valleybottom system have hannel development as a result of nitiatives should be designed and tures such as baffles, widening the release lugging the eroding channel.</p>	<ul style="list-style-type: none"> • Avoid destruction or degradation of wetlands • Preserve wetland plant and animal species 	<ul style="list-style-type: none"> • Healthy unaffected wetland visible • Record of all activities in the wetland or perimeter of the wetland. 	<p>When wetlands are encountered / maintenance activities are within a wetland proximity</p>
<p>ment plan should be developed that does to the watercourse, but instead makes use w).</p>	<p>Prevent destruction / degradation of aquatic habitats</p>	<p>Correctly implemented diffusive structures</p>	<p>As and when necessary</p>
<p>s present, box culverts are to be used. st 1m below the bed of the river channel so r the downstream side of the bridge. litated to the correct height following</p> <p>ment plan should be developed that does o a wetland or watercourse directly, but tion areas (such as artificial wetland areas, is a need for between one and four such ds within the study area.</p>	<ul style="list-style-type: none"> • Preserve water quality • Prevent erosion • Prevent aquatic habitat destruction 	<ul style="list-style-type: none"> • Correctly implemented diffusive structures • Correctly maintained diffusive structures • Water quality assessment results are to the expected standard 	<ul style="list-style-type: none"> • As and when necessary. • During rainy seasons
<p>owever as the road reserve needs to be</p>	<p>Prevent</p>	<p>Correctly</p>	<p>As and when necessary</p>

MEASURE	MANAGEMENT OBJECTIVES	MEASURABLE TARGETS	FREQUENCY OF ACTION
placed on farm properties. As this is not a cantly affect anyone, it is proposed that this	sedimentation	maintained diffusive structures	
e and thus do not need to be mitigated. existing culverts to transport cattle from one etermined in the engineering designs.	Prevent accidents from occurring due to cattle transfer	Decrease in accidents	

SECTION 8 RECORD KEEPING

The engineer and the DEO will continuously monitor the contractor's adherence to the approved impact prevention procedures and the engineer shall issue to the contractor a notice of non-compliance whenever transgressions are observed. The DEO should document the nature and magnitude of the non-compliance in a designated register, the action taken to discontinue the non-compliance, the action taken to mitigate its effects and the results of the actions. The non-compliance shall be documented and reported to the engineer in the monthly report.

Method Statements must be completed and submitted to the ECO and Engineer for approval before commencement of any works. The following is a list of activities to be used for completing method statements:

- Solid waste management;
- Crew camps and works lay down areas;
- Batching areas;
- Dust control;
- Traffic control;
- Hydrocarbon and emergency spills procedures;
- Diesel tanks and refuelling procedures;
- Topsoil management (for laydown areas);
- Fire; and
- Rehabilitation of crew camp and other disturbed areas.

Copies of any Environmental Authorisations or EMPRr's for the road upgrade and the associated borrow pits and Water Use Licenses for the project shall be kept on site and made available for inspection by visiting officials from the Employer or relevant environmental departments.

The following is a list of documentation that must be held on site by the DEO and must be made available to the ECO and/or Approving Authority on request.

- Physical access plan;
- Site instruction book and incident reports;
- Records of all remediation / rehabilitation activities;
- Copies of authorization (s), permits and licenses;
- Copies of DEO reports (management and monitoring);
- Environmental Management Programme (EMPRr);
- Complaints register; and
- Method statements.

SECTION 9 COMPLIANCE AND PENALTIES

The contractor shall act immediately when a notice of non-compliance is received and correct whatever is the cause for the issuing of the notice. Complaints received regarding activities on the construction site pertaining to the environment shall be recorded in a dedicated register and the response noted with the date and action taken. This record shall be submitted with the monthly reports and an oral report given at the monthly site meetings.

Any non-compliance with the agreed procedures of the EMPR is a transgression of the various statutes and laws that define the manner by which the environment is managed therefore any avoidable non-compliance, dependant on severity, shall be considered sufficient grounds for contact to be made with relevant provincial or national authorities.

The engineer's decision with regard to what is considered a violation, its seriousness and the action to be taken against the contractor shall be final. Failure to redress the cause shall be reported to the relevant authority. The responsible provincial or national authorities shall ensure compliance and impose penalties relevant to the transgression as allowed for within its statutory powers.

APPENDIX 1: DECLARATIONS OF UNDERSTANDING

APPENDIX 1A: DECLARATION OF UNDERSTANDING BY THE PROPONENT

I, _____

Representing _____

Declare that I have read and understood the contents of the Environmental Management Programme for:

Contract _____

I also declare that I understand my responsibilities in terms of enforcing and implementing the Environmental Specifications for the aforementioned Contract.

Signed: _____

Place: _____

Date: _____

Witness 1: _____

Witness2: _____

APPENDIX 1B: DECLARATION OF UNDERSTANDING BY THE ENGINEER

I, _____

Representing _____

Declare that I have read and understood the contents of the Environmental Management Programme for:

Contract _____

I also declare that I understand my responsibilities in terms of enforcing and implementing the Environmental Specifications for the aforementioned Contract.

Signed: _____

Place: _____

Date: _____

Witness 1: _____

Witness2: _____

APPENDIX 1C: DECLARATION OF UNDERSTANDING BY THE CONTRACTOR

I, _____

Representing _____

Declare that I have read and understood the contents of the Environmental Management Programme for:

Contract _____

I also declare that I understand my responsibilities in terms of enforcing and implementing the Environmental Specifications for the aforementioned Contract.

Signed: _____

Place: _____

Date: _____

Witness 1: _____

Witness2: _____

APPENDIX 2: ENVIRONMENTAL INCIDENT LOG

ENVIRONMENTAL INCIDENT LOG				
Date	Environmental Condition	Comments <i>(Include any possible explanations for current condition and possible responsible parties. Include photographs, records etc. if available)</i>	Corrective Action Taken <i>(Give details and attach documentation as far as possible)</i>	Signature

SOUTH AFRICAN NATIONAL ROADS AGENCY LIMITED
CONTRACT

(insert contract number)

THE REHABILITATION AND UPGRADE OF THE R35 ALONG SCHLOSSBERG ROAD, BETHAL, MPUMALANGA PROVINCE

PART 2 REQUIREMENTS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS

PART 2: REQUIREMENTS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS

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SECTION 1 SCOPE

This part of the specification has the objective to assist principal contractors entering into contracts with SANRAL that they comply with the Occupational Health and Safety (OH&S) Act, No. 85 of 1993. Compliance with this document does not absolve the principal contractor from complying with minimum legal requirements and the principal contractor remains responsible for the health and safety of his Employees and those of his Mandataries. Principal and other contractors should therefore insist that this part of the specification form part of any contract that he may have with other contractors and/or suppliers.

This section covers the development of a health and safety specification that addresses all aspects of occupational health and safety as affected by this contract. It provides the requirements that principal contractors and other contractors shall comply with in order to reduce the risks associated with this contract that may lead to incidents causing injury and/or ill health.

SECTION 2 GENERAL OCCUPATIONAL HEALTH AND SAFETY PROVISIONS

2.1 Hazard Identification and Risk Assessment (Construction Regulation 7)

2.1.1 Risk Assessments

Paragraph 4 contains a generic list of risk assessment headings that have been identified by SANRAL as possibly applicable to this contract. It is, by no means, exhaustive and is offered as assistance to contractors intending to tender.

2.1.2 Development of Risk Assessments

Every principal contractor performing construction work shall, before the commencement of any construction work or work associated with the aforesaid construction work and during such work, cause a risk assessment to be performed by a competent person, appointed in writing, and the risk assessment shall form part of the OH&S plan and be implemented and maintained as contemplated in Construction Regulation 5(1).

The risk assessment shall include, at least:

- the identification of the risks and hazards to which persons may be exposed
- the analysis and evaluation of the risks and hazards identified
- a documented plan of safe work procedures to mitigate, reduce or control the risks and hazards that have been identified
- a monitoring plan and
- a review plan

Based on the risk assessment, the principal contractor shall develop a set of site-specific OH&S rules that shall be applied to regulate the OH&S aspects of the construction. The risk assessment, together with the site-specific OH&S rules shall be submitted to SANRAL before construction on site commences. Despite the risk assessments listed in paragraph 4, the principal contractor shall conduct a baseline risk assessment and the aforesaid listed risk assessment shall be incorporated into the baseline risk assessment. The baseline risk assessment shall further include the standard working procedures and the applicable method statements based on the risk assessments

All variations to the scope of work shall similarly be subjected to a risk assessment process.

2.1.3 Review of Risk Assessment

The principal contractor shall review the hazard identification, risk assessments and standard working procedures at each production planning and progress report meeting as the contract work develops and progresses and each time changes are made to the designs, plans and construction methods and processes. The principal contractor shall provide SANRAL, other contractors and all other concerned parties with copies of any changes, alterations or amendments as contemplated in paragraph 2.1.3.

2.2 Legal Requirements

A principal contractor shall, as a minimum, comply with:

The Occupational Health and Safety Act and Regulations (Act 85 of 1993), an up-to-date copy of which shall be available on site at all times.

The Compensation for Occupational Injuries and Diseases Act (Act 130 of 1993), an up-to-date copy of which shall be available on site at all times.

Where work is being carried out on a "mine", the contractor shall comply with the Mines Health and Safety Act and Regulations (Act 29 of 1960) and any other OH&S requirements that the mine may specify. An up-to-date copy of the Mines Health and Safety Act and Regulations shall be available on site at all times.

2.3 Structure and Responsibilities

2.3.1 Overall Supervision and Responsibility for OH&S

It is a requirement that the principal contractor, when he appoints contractors (Subcontractors) in terms of Construction Regulations 5(3), 5(5), 5(9), 5(10) and 5(12) includes in his agreement with such contractors the following:

- OH&S Act (85 of 1993), Section 37(2) agreement: "Agreement with Mandatory"
- OH&S Act (85 of 1993), Section 16(2) appointee/s as detailed in his/her/their respective appointment forms.

2.3.2 Further (Specific) Supervision Responsibilities for OH&S

The contractor shall appoint designated competent Employees and/or other competent persons as required by the Act and Regulations. Below is a generic list of identified appointments and may be used to select the appropriate appointments for this contract. The contractor shall note that it is a generic list only and is intended for use as a guideline.

Ref. Section/Regulation in OH&S Act	
Batch Plant Supervisor	(Construction Regulation 6(1))
Construction Vehicles/Mobile Plant/Machinery Supervisor	(Construction Regulation 21)
Demolition Supervisor	(Construction Regulation 12)
Drivers/Operators of Construction Vehicles/Plant	(Construction Regulation 21)
Electrical Installation and Appliances Inspector	(Construction Regulation 22)
Emergency/Security/Fire Coordinator	(Construction Regulation 27)
Excavation Supervisor	(Construction Regulation 11)
Explosive Powered Tool Supervisor	(Construction Regulation 19)
Fall Protection Supervisor	(Construction Regulation 8)
First Aider	(General Safety Regulation 3)
Fire Equipment Inspector	(Construction Regulation 27)
Formwork & Support work Supervisor	(Construction Regulation 10)
Hazardous Chemical Substances Supervisor	(HCS Regulations)
Incident Investigator	(General Admin Regulation 29)
Ladder Inspector	(General Safety Regulation 13A)
Lifting Equipment Inspector	(Construction Regulation 20)
Materials Hoist Inspector	(Construction Regulation 17)
OH&S Committee	(OH&S Act Section 19)
OH&S Officer	(Construction Regulation 6(6))
OH&S Representatives	(OH&S Act Section 17)
Person Responsible for Machinery	(General Machinery Regulation 2)
Scaffolding Supervisor	(Construction Regulation 14)
Stacking & Storage Supervisor	(Construction Regulation 26)
Structures Supervisor	(Construction Regulation 9)
Suspended Platform Supervisor	(Construction Regulation 15)
Tunnelling Supervisor	(Construction Regulation 13)
Vessels under Pressure Supervisor	(Vessels under Pressure Regulations)
Working on/next to Water Supervisor	(Construction Regulation 24)
Welding Supervisor	(General Safety Regulation 9)

In addition SANRAL requires that a Traffic Safety Officer be appointed (see COLTO Section 1500). The above appointments shall be in writing and the responsibilities clearly stated together with the period for which the appointment is made. This information shall be communicated and agreed with the appointees. Notice of appointments shall be submitted to SANRAL. All changes shall also be communicated to SANRAL.

The principal contractor shall, furthermore, provide SANRAL with an organogram of all contractors that he/she has appointed or intends to appoint and keep this list updated and prominently displayed on site. Where necessary, or when instructed by an inspector of the Department of Labour, the principal contractor shall appoint a competent construction safety officer.

2.3.3 Designation of OH&S Representatives (Section 17 of the OH&S Act)

Where the principal contractor Employs more than 20 persons (including the Employees of other contractors (subcontractors) he has to appoint one OH&S representatives for every 50 Employees or part thereof. General Administrative Regulation 6 requires that the appointment or election and subsequent designation of the OH&S representatives be conducted in consultation with Employee representatives or Employees. (Section 17 of the Act and General Administrative Regulation 6 & 7). OH&S representatives shall be designated in writing and the designation shall include the area of responsibility of the person and term of the designation.

2.3.4. Duties and Functions of the OH&S Representatives (Section 18 of the OH&S Act)

The principal contractor shall ensure that the designated OH&S representatives conduct continuous monitoring and regular inspections of their respective areas of responsibility using a checklist and report thereon to the principal contractor. OH&S representatives shall be included in accident or incident investigations. OH&S representatives shall attend all OH&S committee meetings.

2.3.5. Appointment of OH&S Committee (Sections 19 and 20 of the OH&S Act)

The principal contractor shall establish an OH&S committee, which shall meet as specified in the Regulations.

2.4. **Administrative Controls and the Occupational Health & Safety File**

2.4.1. The OH&S File (Construction Regulation 5(7))

As required by Construction Regulation 5(7), the principal contractor and other contractors shall each keep an OH&S file on site. The following list is not exhaustive and shall only be used as a guide:

- Notification of construction work (Construction Regulation 3)
- Latest copy of OH&S Act (General Administrative Regulation 4)
- Proof of registration and good standing with COID Insurer (Construction Regulation 4(g))
- OH&S plan agreed with the Client including the underpinning risk assessment/s and method statements (Construction regulation 5(1))
- Copies of OH&S committee and other relevant minutes
- Designs/drawings (Construction Regulation 5(8))
- A list of contractors (subcontractors) including copies of the agreements between the parties and the type of work being done by each contractor (Construction Regulation 9)
- Appointment/designation forms as per paragraphs 2.1.1 and 2.1.2.
- Registers as follows:
 - Accident/Incident register (Annexure 1 of the General Administrative Regulations)
 - OH&S representatives' inspection register
 - Asbestos demolition and stripping register
 - Batch plant inspections
 - Construction vehicles and mobile plant inspections by controller
 - Daily inspection of vehicles, plant and other equipment by the operator/driver/user
 - Demolition inspection register
 - Designer's inspection of structures record
 - Electrical installations, -equipment and -appliances (including portable electrical tools)
 - Excavations inspection
 - Explosive powered tool inspection, maintenance, issue and returns register (incl. cartridges and nails)
 - Fall protection inspection register
 - First aid box contents
 - Fire equipment inspection and maintenance
 - Formwork and support work inspections
 - Hazardous chemical substances record
 - Ladder inspections
 - Lifting equipment register
 - Materials hoist inspection register
 - Machinery safety inspection register (incl. machine guards, lock-outs etc.)

- Scaffolding inspections
- Stacking and storage inspection
- Inspection of structures
- Inspection of suspended platforms
- Inspection of tunnelling operations
- Inspection of vessels under pressure
- Welding equipment inspections
- Inspection of work conducted on or near water
- All other applicable records including traffic safety officer reports.

SANRAL will conduct an audit on the OH&S file of the principal contractor from time-to-time.

2.5. Notification of Construction Work (Construction Regulation 3)

The principal contractor shall, where the contract meets the requirements laid down in Construction Regulation 3, within 5 working days, notify the Department of Labour of the intention to carry out construction work and use the form (Annexure A in the Construction Regulations) for the purpose. A copy shall be kept on the OH&S file and a copy shall be forwarded to SANRAL for record keeping purposes.

2.6. Training and Competence

The contents of all training required by the Act and Regulations shall be included in the principal contractor's OH&S plan. The principal contractor shall be responsible for ensuring that all relevant training is undertaken. Only accredited service providers shall be used for OH &S training. The principal contractor shall ensure that his and other contractors' personnel appointed are competent and that all training required to do the work safely and without risk to health, has been completed before work commences. The principal contractor shall ensure that follow-up and refresher training is conducted as the contract work progresses and the work situation changes. Records of all training must be kept on the OH&S file for auditing purposes.

2.7 Consultations, Communication and Liaison

OH&S liaison between the client, the principal contractor, the other contractors, the designer and other concerned parties will be through the OH&S committee as contemplated in paragraph 2.3.5. In addition to the above, communication may be directly to the client or his appointed agent, verbally or in writing, as and when the need arises.

Consultation with the workforce on OH&S matters will be through their supervisors, OH&S representatives and the OH&S committee. The principal contractor shall be responsible for the dissemination of all relevant OH&S information to the other contractors e.g. design changes agreed with the client and the designer, instructions by the client and/or his/her agent, exchange of information between contractors, the reporting of hazardous/dangerous conditions/situations etc. The principal contractors' most senior manager on site shall be required to attend all OH&S meetings.

2.8 Checking, Reporting and Corrective Actions

2.8.1 Monthly Audit by Client (Construction Regulation 4(1)(d))

SANRAL will conduct monthly audits to comply with Construction Regulation 4(1)(d) to ensure that the principal contractor has implemented and is maintaining the agreed and approved OH&S plan.

2.8.2 Other Audits and Inspections by SANRAL

SANRAL reserves the right to conduct other ad hoc audits and inspections as deemed necessary. This will include site safety walks.

2.8.3 Contractor's Audits and Inspections

The principal contractor is to conduct his own monthly internal audits to verify compliance with his own OH&S management system as well as with this specification.

2.8.4 Inspections by OH&S Representative's and other Appointees

OH&S representatives shall conduct weekly inspections of their areas of responsibility and report thereon to their foreman or supervisor whilst other appointees shall conduct inspections and report thereon as specified in their appointments e.g. vehicle, plant and machinery drivers, operators and users must conduct daily inspections before start-up.

2.8.5 Recording and Review of Inspection Results

All the results of the abovementioned inspections shall be in writing, reviewed at OH&S committee meetings, endorsed by the chairman of the meeting and placed on the OH&S File.

2.9 Accidents and Incident Investigation (General Administrative Regulation 9)

The principal contractor shall be responsible for the investigation of all accidents/incidents where Employees and non-Employees were injured to the extent that he/she/they had to be referred for medical treatment by a doctor, hospital or clinic. The results of the investigation shall be entered into an accident/incident register listed in paragraph 2.4.1.

The principal contractor shall be responsible for the investigation of all minor and non-injury incidents as described in Section 24(1)(b) & (c) of the Act and keeping a record of the results of such investigations including the steps taken to prevent similar accidents in future.

2.10 Reporting

The principal contractor shall provide SANRAL with copies of all statutory reports required in terms of the Act within 7 days of the incident occurring.

SECTION 3 OPERATIONAL CONTROL

3.1 Operational Procedures

Each construction activity shall be assessed by the principal contractor so as to identify operational procedures that will mitigate against the occurrence of an incident during the execution of each activity. This specification requires the principal contractor:

- to be conversant with Regulations 8 to 29 (inclusive)
- to comply with their provisions
- to include them in his OH&S plan where relevant.

3.2 Emergency Procedures

Simultaneous with the identification of operational procedures (per paragraph 3.1 above), the principal contractor shall similarly identify and formulate emergency procedures in the event an incident does occur. The emergency procedures thus identified shall also be included in the principal contractor's OH&S plan.

3.3 Personal & Other Protective Equipment (Sections 8/15/23 of the OH&S Act)

The contractor shall identify the hazards in the workplace and deal with them. He must either remove them or, where impracticable, take steps to protect workers and make it possible for them to work safely and without risk to health under the hazardous conditions.

Personal protective equipment (PPE) should, however, be the last resort and there should always first be an attempt to apply engineering and other solutions to mitigating hazardous situations before the issuing of PPE is considered.

Where it is not possible to create an absolutely safe and healthy workplace the contractor shall inform Employees regarding this and issue, free of charge, suitable equipment to protect them from any hazards being present and that allows them to work safely and without risk to health in the hazardous environment.

It is a further requirement that the contractor maintain the said equipment, that he instructs and trains the Employees in the use of the equipment and ensures that the prescribed equipment is used by the Employee/s.

Employees do not have the right to refuse to use/wear the equipment prescribed by the Employer and, if it is impossible for an Employee to use or wear prescribed protective equipment through health or any other reason, the Employee cannot be allowed to continue working under the hazardous condition/s for which the equipment was prescribed but an alternative solution has to be found that may include relocating or discharging the Employee.

The principal contractor shall include in his OH&S plan the PPE he intends issuing to his Employees for use during construction and the sanctions he intends to apply in cases of non conformance by his Employees. Conformance to the wearing of PPE shall be discussed at the weekly inspection meetings.

3.4 Other Regulations

Wherever in the Construction Regulations or this specification there is reference to other regulations (e.g. Construction Regulation 22: Electrical Installations and Machinery on Construction Sites) the principal contractor shall be conversant with and shall comply with these regulations.

3.5 Public Health & Safety (Section 9 of the OH&S Act)

The principal contractor shall be responsible for ensuring that non-Employees affected by the construction work are made aware of the dangers likely to arise from said construction work as well as the precautionary measures to be observed to avoid or minimise those dangers. This includes:

- Non- Employees entering the site for whatever reason
- The surrounding community
- Passers by to the site

SECTION 4 PROJECT/SITE SPECIFIC REQUIREMENTS

4.1 List of Risk Assessments

- Clearing and Grubbing of the area/site
- Site establishment including:
 - Office/s
 - Secure/safe storage for materials, plant and equipment
 - Ablutions
 - Sheltered eating area
 - Maintenance workshop
 - Vehicle access to the site
- Dealing with existing structures
- Location of existing services
- Installation and maintenance of temporary construction electrical supply, lighting and equipment
- Adjacent land uses/surrounding property exposures
- Boundary and access control/public liability exposures (NB: the Employer is also responsible for the OH&S of non-Employees affected by his/her work activities.)
- Health risks arising from neighbouring as well as own activities and from the environment e.g. threats by dogs, bees, snakes, lightning etc.
- Exposure to noise
- Exposure to vibration
- Protection against dehydration and heat exhaustion
- Protection from wet and cold conditions
- Dealing with HIV/Aids and other diseases
- Use of portable electrical equipment including
 - Angle grinder
 - Electrical drilling machine
 - Circular saw
- Excavations including
 - Ground/soil conditions
 - Trenching
 - Shoring
 - Drainage of trench
- Welding including
 - Arc welding
 - Gas welding
 - Flame cutting
 - Use of LP gas torches and appliances
- Loading and offloading of trucks
- Aggregate/sand and other materials delivery
- Manual and mechanical handling
- Lifting and lowering operations
- Driving and operation of construction vehicles and mobile plant including
 - Trenching machine
 - Excavator
 - Bomag roller
 - Plate compactor
 - Front end loader
 - Mobile cranes and the ancillary lifting tackle
 - Parking of vehicles and mobile plant
 - Towing of vehicles and mobile plant
- Use and storage of flammable liquids and other hazardous substances
- Layering and bedding
- Installation of pipes in trenches
- Pressure testing of pipelines
- Backfilling of trenches
- Protection against flooding
- Gabion work

- Use of explosives
- Protection from overhead power lines
- As discovered by the principal contractor's hazard identification exercise
- As discovered from any inspections and audits conducted by the client or by the principal contractor or any other contractor on site
- As discovered from any accident/incident investigation.

**Appendix G: Other information
Literature References**

BASIC ASSESSMENT REPORT

References:

Bigen Africa Services (Pty) Ltd, 2010. Eskom Coal Haulage Road Repair Programme Task Order: Work Package 4 - Detailed Assessment and Design Report Volume 1: Report. November 2010.

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Strategic Environmental Focus, 2011. Proposed Rehabilitation of the N11 between Ermelo and Hendrina: Work Package 2 - Aquatic Assessment. Reference No.: 503928, January 2011.

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