forestry, fisheries & the environment

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

Ref: O2/1/5/2

NATIONAL COUNCIL OF PROVINCES

(For written reply)

QUESTION NO. 186 {CW245E}

INTERNAL QUESTION PAPER NO. 8 OF 2025

DATE OF PUBLICATION: 7 MARCH 2025

Ms H S Boshoff (Mpumalanga: DA) to ask the Minister of Forestry, Fisheries and the Environment:

(1) What environmental impact assessments were conducted before granting permission for the removal of indigenous trees in the Musina Makhado Special Economic Zone (MMSEZ);

(2) Whether any community consultations were conducted before the decision was made; if not, why not; if so, what were the outcomes;

(3) Whether the removal of indigenous trees, particularly Baobabs have been assessed against South Africa's commitments to biodiversity conservation and climate action; if not, why not; if so, what are the relevant details;

(4) (a) how such decision is aligned with South Africa's obligations under the UN Convention on Biological Diversity, (b) on what basis was the permit issued to remove 1000 indigenous trees, (c) what criteria were used to justify further applications for 658 058 trees and (d) what monitoring mechanisms are in place to ensure that tree removal complies with environmental regulations;

(5) Whether (a) an independent audit will be conducted to assess compliance of developers with their tree removal permits and (b) any alternative locations within the MMSEZ have been considered to reduce deforestation; if not, why not in each case; if so, what are the relevant details?

186. THE MINISTER OF FORESTRY, FISHERIES AND THE ENVIRONMENT REPLIES:

1) An Environmental Impact Assessment (EIA) was conducted for the proposed project. This process is regulated in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA). The Department of Forestry, Fisheries and the Environment (DFFE) provided comments as an interested and affected party.

2) The EIA public participation process is regulated in terms of NEMA. The Limpopo Department of Economic Development, Environment and Tourism is the competent authority for the Musina Makhado Special Economic Zone (MMSEZ) project and is the responsible authority for the public participation process that was conducted prior to the issuing of the environmental authorisation.

3) The Baobab tree species occurring within the project footprint are recognised as a key stone species. In the EIA comments dated 11 December 2020, the DFFE recommended that mature Baobab tree species should be excluded from the development footprint. A layout map was also developed with this recommendation and a Baobab conservation area has been set aside within the northern site of the SEZ. All other environmentally sensitive areas, such as riparian and other sensitive areas, have been excluded from the development, as per the EIA comments dated 11 December 2020 and 14 May 2021 for the southern site.

4) a) The DFFE has provided comments on the EIA according to the sustainable forest management principles and in line with the National Forests Act, 1998 (NFA), as amended.

b) The licence was issued based on the approved environmental authorisation for the project and the greening initiatives that will be implemented. The DFFE requested the implementation of mitigation measures by the developer, in other words, a 1:5 replanting ratio as part of the licence conditions to counterbalance the potential impacts on protected trees.

c) The DFFE does not have any pending licence application to justify 658 058 trees. The application was not considered as it did not meet the legislative requirements of the NFA.

d) The applicant has a tree register in which each tree that is removed is captured. The DFFE, as part of enforcement's ongoing duties, carries out site inspections to ensure that the trees that are removed are the correct species. One such inspection was carried out in October 2024.

5) a) The permit does not create an obligation for the independent audit to assess the developers' compliance in removing trees and there are no legislative requirements for such; however, in the performance of its normal duties for compliance monitoring and enforcement, the DFFE is expected to ensure that there is compliance with the permits.

b) The sensitive areas, in other words, the riverine areas, riparian areas, and ridges, were excluded from the development layout to minimise the impact on the proposed site.

Regards

DR D T GEORGE, MP

MINISTER OF FORESTRY, FISHERIES AND THE ENVIRONMENT

DATE: 17/3/2025

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environment, forestry
& fisheries

Department: Environment, Forestry
and Fisheries
REPUBLIC OF SOUTH AFRICA

Forestry and Natural Resources Management, Department of Environment, Forestry and Fisheries
Private Bag X93, Pretoria 0001

Enquiries: Ms Mulalo Sundani: Tel: 012 309 5865, Fax: 012 309 5840
E-mail: mulalosu@daff.gov.za

Mr Ronaldo Retief
Delta Built Environment Consultants
29 Market Street
POLOKWANE
0699

Email: ronaldo.retief@deltabec.com

Dear Mr Retief

COMMENT ON BIODIVERSITY OFFSET STRATEGY, ENVIRONMENTAL MANAGEMENT PROGRAMME AND ENVIRONMENTAL IMPACT REPORTING PROCESS FOR THE MUSINA-MAKHADO ENERGY AND METALLURGY SPECIAL ECONOMIC ZONE DEVELOPMENT, LIMPOPO

The above Biodiversity Offset Strategy, EMPr and Environmental Impact Assessment and letter dated 22 October 2020 have reference. Please find herewith the comment of the Directorate: Forestry Regulation and Oversight: DEFF. As far as Environmental Impact Assessments are concerned, the Forestry Branch as commenting authority mainly focuses on control over development affecting natural forests, protected woodlands and listed protected trees under the National Forests Act,1998 (Act No 84 of 1998).

1. When looking at the number of protected trees affected, not only the sheer number of trees are considered in helping to determine whether an offset is required, and the nature and size of an offset, but also the condition of the veld and the rarity, diversity and sensitivity of the habitats these trees occupy. Also important is the extent to which protected area targets for the veld types have already been achieved.

2. Also important is that licence applications will have to be made in terms of Section 15 of the National Forests Act, and these licences will contain conditions, which include mitigating measures which may reduce the total impact considered for an offset. Such licence conditions will overlap and integrate with the conditions set in the eventual environmental authorization, but it is possible that these may include some unique conditions pertaining to protected trees.

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3. The Biodiversity Offset Strategy in 4.1.1. refers to the vegetation types that will be affected by proposed development zone as Musina Mopane Bushveld and Limpopo Ridge Bushveld. These are categorized as least threatened with the protected are targets set at having 19% of each veld type included in formal protected areas. These woodland types are significantly under-protected with Musina Mopane Bushveld at 50% far below the target, and Limpopo Ridge Bushveld at 30% below target. These vegetation types are also transformed mostly by grazing activities and other land use changes. Species such as *Boscia albitrunca, Adansonia digitata, Sclerocaya birrea* and *Combretum Imberbe* are dominant and common. These species are protected under the National Forests Act, 1998 (Act No 84 of 1998)

4. These species are regarded as keystone species (species playing an important ecological role in their local habitats and therefore protected, even though they are common), unlike rare or threatened species to which a strict approach is taken (no harvesting allowed and have to be avoided by land use change).

5. According to Flora Species Offset Design in 6.2.1, approximately 109 034 of protected tree species will be destroyed by the proposed development activities. This includes protected trees species that are in the age structure of juvenile, sub-adult and adult trees species. Some of these protected trees are located in sensitive areas such as riparian habitat, in and around wetlands and watercourses. These are relatively sensitive areas of high ecosystem value, and are to some extent already under pressure; these areas in total form 141.7 hectares of the proposed study area. The riparian habitats have the highest density of Shepherd trees and Baobab trees.

6. Due to the sensitivity of the proposed area and the ecosystem value of the species, **all trees of species protected** by the National Forests Act that occur within the riparian habitat and watercourses **must not be disturbed or removed in the area**. All baobab trees and any protected trees species that are larger than 1.5m diameter breast height should be left undisturbed in the development zone areas and a buffer of 50m must be maintained from the development zone areas. Such exceptionally large trees would be relatively few in number. These must be shown in a layout plan, Furthermore, there should be no development in all areas below 1:100 flood line that contain riparian woodland. Efforts should be made to avoid or minimize impacts in areas with a high density in large trees, and also in mature protected trees.

7. The recommendation under point 9.4.6 (Fauna & Flora Impact Assessment) needs to be upheld in the Master Plan for the SEZ. Ecological Sensitive areas (including all the riparian areas) may not be transformed and set back lines must be strictly implemented, with buffer areas around the flood line (a 100m buffer as per the mitigation guideline from vegetation clearance in table 10-3). In that case, many protected trees species would automatically be excluded from direct impacts. The layout and sheer size of the project, however, appear to cover and cut across these sensitive habitats. The precautionary principle as set out in point 10.1 requires such an approach. Yet the report indicates that

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145ha of riparian vegetation will be lost (point 11 on cumulative impacts). This must be avoided and the project layout need to be redesigned to achieve that.

8. The number of protected trees to be affected, even if reduced by excluding sensitive areas, will still be of high significance, and will require a biodiversity offset. The applicant should appoint a qualified and experienced biodiversity Consultant to facilitate the development of a biodiversity offset. The Offset Strategy that is submitted as Appendix J does not meet the minimum requirements for such studies.

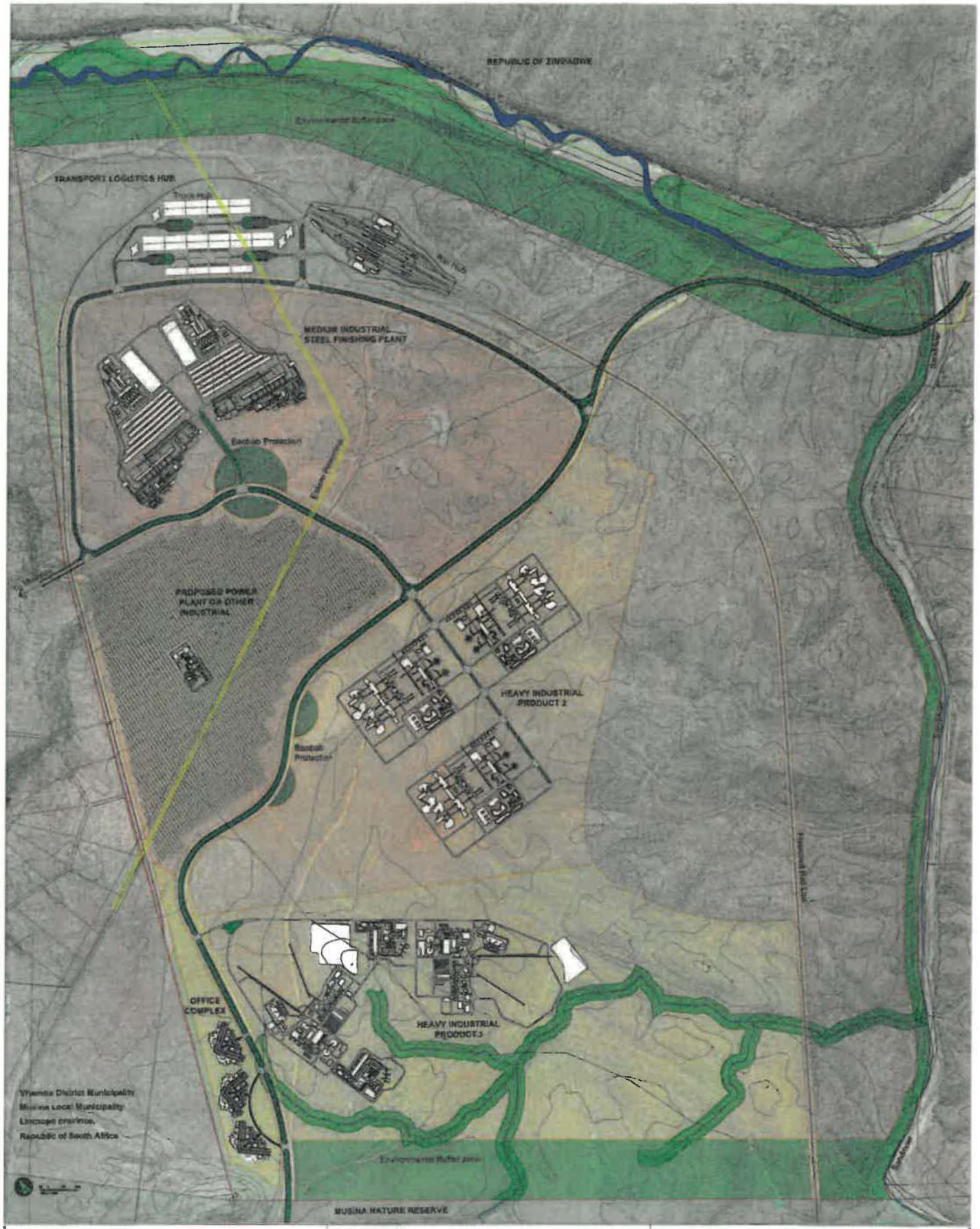
9. Proposed mitigation for red data and other species of conservation concern or rehabilitation value is insufficient. A specialist study, to be approved by the South African National Biodiversity Institute, into the requisite mitigation for such species must be conducted. This includes the removal and relocation of some species, and/or use in rehabilitation on site or elsewhere within a 20 km radius of the SEZ.

10. The application for licenses under section 15 of the National Forests Act, 1998 (Act No 84 of 1998) to destroy and damage protected trees wherever they are affected by the proposed activities, must be submitted to the Limpopo forestry regional office in Polokwane. All the considerations together are likely to require a biodiversity offset as licence condition, namely the number of trees and the veld types affected, as well as habitat sensitivity and protected area target shortfalls. The environmental authorization will be based on wider environmental considerations than just the mandate of the National Forests Act, and processes to develop a biodiversity offset will therefore involve all relevant authorities and mandates, of which the forestry mandate would be part.

For more information on the matter, kindly contact Ms Shirley Lethole at ShirleyL@daff.gov.za: 015 519 3333 or Ms Mulalo Sundani at Mulalosu@daff.gov.za: 012 309 5865.

Best Regards

ACTING DEPUTY DIRECTOR: MR MASILO MAFOKO
DESIGNATION: FORESTRY REGULATIONS & SUPPORT
DATED 11/12/2020



Site Boundary

Eskom power line

Proposed Rail line

Upgraded Roads

Office complex

Heavy Industrial Product 1 ± 500 Ha

Heavy Industrial Product 2 ± 500 Ha

Medium Industrial Steel Finishing Plant ± 500 Ha

Proposed Power Plant or other Industrial ± 500 Ha

Transport Logistics Hub

Environmental Buffer zone

Baobab - Adansonia digitata Environmental Protection Zone

Water course Buffer zone

Neighboring conservation site

aurecon

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PRELIMINARY
NOT FOR CONSTRUCTION

Tree Cutting Register	TSHIAMISO TRADING 135	Document number
		MMSEZSOC/2021/22/0007
		Revision Number
	TREE CUTTING REGISTER	000
	MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B	Page Number Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Mopani Tree	-22.335155 30.06551	03-08-23	198	Thembani Mojo	NIL	NIL
2	Marula Tree	-22.336341 30.066525	03-08-23	360	Thembani Mojo	NIL	NIL
3	Marula Tree	-22.335252 30.06675	04-08-23	360	Thembani Mojo	NIL	NIL
4	Shepherd Tree	-22.335146 30.065276	06-08-23	122	Thembani Mojo	NIL	NIL
5	Shepherd Tree	-22.335131 30.06506	06-08 23	122	Thembani Mojo	NIL	NIL

Tree Cutting Register	TSHIAMISO TRADING 135	Document number
		MMSEZSOC/2021/22/0007
		Revision Number
	TREE CUTTING REGISTER	000
	MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B	Page Number Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Shepherd Tree	-22.335114 30.065178	16-05-23	122	Thembani Mayo	NIL	NIL
2	Shepherd Tree	-22.335139 30.065224	16-05-23	122	Thembani Mayo	NIL	NIL
3	Shepherd Tree	-22.335149 30.065897	16-05-23	122	Thembani Mayo	NIL	NIL
4	Shepherd Tree	-22.336946 30.066531	16-05-23	122	Thembani Mayo	NIL	NIL
5	Shepherd Tree.	-22.335142 30.065417	16-05-23	122.	Thembani Mayo	NIL	NIL

Tree Cutting Register	TSHIAMISO TRADING 135	Document number
		MMSEZSOC/2021/22/0007
		Revision Number
	TREE CUTTING REGISTER	000
	MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B	Page Number
		Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Maruia Tree	-22.337319 30.066501	16-05-23	360	Thembani Mayo	NIL	NIL
2	Maruia Tree	-22.335159 30.065749	16-05-23	360	Thembani Mayo	NIL	NIL
3	Maruia Tree	-22.335198 30.066236	16-05-23	360	Thembani Mayo	NIL	NIL
4	Maruia Tree	-22.33514 30.065178	16-05-23	360	Thembani Mayo	NIL	NIL
5	Shepherd Tree	-22.335146 30.065278	16-05-23	122	Thembani Mayo	NIL	NIL

Tree Cutting Register	TSHIAMISO TRADING 135	Document number: MMSEZSOC/2021/22/0007
	TREE CUTTING REGISTER	Revision Number: 000
	MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B	Page Number: Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Shepherd Tree	-22.335131 30.06506	17-08-23	122	Thembani Mayo	NIL	NIL
2	Shepherd Tree	-22.335124 30.06509	17-08-23	122	Thembani Mayo	NIL	NIL
3	Shepherd Tree	-22.335127 30.065017	17-08-23	122	Thembani Mayo	NIL	NIL
4	Shepherd Tree	-22.335131 30.06506	17-08-23	122	Thembani Mayo	NIL	NIL
5	Shepherd Tree	-22.335127 30.065017	17-08-23	122	Thembani Mayo	NIL	NIL

TSHIAMISO TRADING 135

TREE CUTTING REGISTER

MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B

Document number: MMSEZSOC/2021/22/0007

Revision Number: 000

Page Number: Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Marula Tree	-22.335131 30.06506	17-08-23	360	Thembani Mayo	NIL	NIL
2	Marula Tree	-22.335155 30.06551	17-08-23	360	Thembani Mayo	NIL	NIL
3	Marula Tree	-22.335157 30.065641	17-08-23	360	Thembani Mayo	NIL	NIL
4	Marula Tree	-22.335157 30.065641	17-08-23	360	Thembani Mayo	NIL	NIL
5	Shepherd Tree	-22335187 30.066268	17-08-23	360 122	Thembani Mayo	NIL	NIL

	TREE CUTTING REGISTER	MMSEZSOC/2021/22/0007 REVISION: 000
TSHIAMISO TRADING 135 Pty Ltd Reg:2013/110686/07	MUSINAMAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS & STORMWATER IN MUSINA PHASE1B	TSHIAMISO TRADING 135

NO	Description/Type of Tree	Coordinates	Date cut	National Tree Number	Responsible person	Picture Before	Picture After
1	BAOBAB TREE	-22.33514 30.065178	18-08-23	467	THEMBANI MOYO	NIL	NIL
2	BAOBAB TREE	-22.335252 30.066525	18-08-23	467	THEMBANI MOYO	NIL	NIL
3	BAOBAB TREE	-22.335155 30.065510	18-08-23	467	THEMBANI MOYO	NIL	NIL
4	BAOBAB TREE	-22.335068 30.066537	18-08-23	467	THEMBANI MOYO	NIL	NIL
5	BAOBAB TREE	-22.335069 30.066536	18-08-23	467	THEMBANI MOYO	NIL	NIL
6	BAOBAB TREE	-22.333871 30.066639	18-01-24	467	THEMBANI MOYO	NIL	NIL
7	BAOBAB TREE	-22.335149 30.065897	18-01-24	467	THEMBANI MOYO	NIL	NIL
8	BAOBAB TREE	-22.334022 30.066668	18-01-24	467	THEMBANI MOYO	NIL	NIL

Tree Cutting Register	TSHIAMISO TRADING 135	Document number
		MMSEZSOC/2021/22/0007
		Revision Number
	TREE CUTTING REGISTER	000
	MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 18	Page Number Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Morula Tree	18-08-23	-22.335189 30.065998	360	Thembani Moyo	NIL	NIL
2	Morula Tree	18-08-23	-22.335189 30.065998	360	Thembani Moyo	NIL	NIL
3	Morula Tree	18-08-23	-22.337393 30.066881	360	Thembani Moyo	NIL	NIL
4	Morula Tree	18-08-23	-22.3375 30.06712	360	Thembani Moyo	NIL	NIL
5	Morula Tree	18-08-23	-22.335278 30.066558	360	Thembani Moyo	NIL	NIL

Tree Cutting Register	TSHIAMISO TRADING 135	Document number
		MMSEZSOC/2021/22/0007
		Revision Number
	TREE CUTTING REGISTER	000
	MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B	Page Number
		Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture Aftef
1	Shephard Tree	-22.335166 30.066121	122 18-08-23	122	Thembani Mayo	NIL	NIL
2	Shephard Tree	-22.335149 30.065897	122 18-08-23	122	Thembani Mayo	NIL	NIL
3	Shephard Tree	-22.335065 30.066537	122 18-08-23	122	Thembani Mayo	NIL	NIL
4	Shephard Tree	-22.335065 30.066537	122 18-08-23	122	Thembani Mayo	NIL	NIL
5	Shephard Tree	-22,335149 30.065897	122 18-08-23	122.	Thembani Mayo	NIL	NIL

Tree Cutting Register	TSHIAMISO TRADING 135	Document number: MMSEZSOC/2021/22/0007
	TREE CUTTING REGISTER	Revision Number: 000
	MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B	Page Number: Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Marula	-22.338834° 30.067492	05-10-23	360	Thambani Mayo	NIL	NIL
2	Mopani Tree	-22.338468 30.067276	10-11-23	198	Thambani Mayo	NIL	NIL
3	Mopani Tree	-22.338178 30.067151	10-11-23	198	Thambani Mayo	NIL	NIL
4	Shepherd Tree	-22.338461 30.067098	17-11-23	122	Thambani Mayo	NIL	NIL
5	Marula Tree	-22.338178 30.067151	17-11-23	360	Thambani Mayo	NIL	NIL

Tree Cutting Register	TSHIAMISO TRADING 135	Document number: MMSEZSOC/2021/22/0007
		Revision Number: 000
	TREE CUTTING REGISTER	
	MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B	Page Number: Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Marula Tree	-22.337383 30.066604	12-10-23	360	Thembani Mago	NIL	NIL
2	Marula Tree	-22.337661 30.067205	12-10-23	360	Thembani Mago	NIL	NIL
3	Marula Tree	-22.336973 30.066528	12-10-23	360	Thembani Mago	NIL	NIL
4	Marula Tree	-22.337383 30.66604	12-10-23	360	Thembani Mago	NIL	NIL
5	Marula Tree	-22.336653 30.066526	27-10-23	360	Thembani Mago	NIL	NIL

Tree Cutting Register	TSHIAMISO TRADING 135	Document number
		MMSEZSOC/2021/22/0007
	TREE CUTTING REGISTER	Revision Number
		000
	MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B	Page Number
		Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Marula Tree	-22.338178 30.067151	23-09-23	360	Thembani Mayo	NIL	NIL
2	Marula Tree	-22.335702 30.066535	23-09-23	360	Thembani Mayo	NIL	NIL
3	Mopani Tree	-22.337922 30.067208	23-09-23	198	Thembani Mayo	NIL	NIL
4	Mopani Tree	-22.337661 30.067205	23-09-23	198	Thembani Mayo	NIL	NIL
5	Mopani Tree	-22.337661 30.067205	23-09-23	198	Thembani Mayo	NIL	NIL

Tree Cutting Register	TSHIAMISO TRADING 135	Document number: MMSEZSOC/2021/22/0007
	TREE CUTTING REGISTER	Revision Number: 000
	MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B	Page Number: Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Mopani Tree	-22.335198 30.066236	07-09-23	198	Thembani Mayo	NIL	NIL
2	Marula Tree	-22.335102 30.06718	07-09-23	360	Thembani Mayo	NIL	NIL
3	Marula Tree	-22.336061 30.066532	07-09-23	360	Thembani Mayo	NIL	NIL
4	Shepnad Tree	-22.336061 30.066532	07-09-23	122	Thembani Mayo	NIL	NIL
5	Mopani Tree	-22.33519 30.066028	07-09-23	198	Thembani Mayo	NIL	NIL

Tree Cutting Register

TSHIAMISO TRADING 135

TREE CUTTING REGISTER

MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B

Document number: MMSEZSOC/2021/22/0007

Revision Number: 000

Page Number: Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Marula Tree	-22.333571 30.066639	17-11-23	360	Thembani Mago	NIL	NIL
2	Mopani Tree.	-22.334058 30.066649	17-11-23	198	Thembani Mago	NIL	NIL
3	Shepherd Tree	-22.333702 30.066662	17-11-23	122	Thembani Mago	NIL	NIL
4	Marula Tree	-22.333521 30.066686	17-11-23	360	Thembani Mago	NIL	NIL
5	Marula Tree	-22.334022 30.066665	17-11-23	360	Thembani Mago	NIL	NIL

Tree Cutting Register	TSHIAMISO TRADING 135	Document number: MMSEZSOC/2021/22/0007
		Revision Number: 000
	TREE CUTTING REGISTER	
	MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B	Page Number: Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Mopani Tree	22 18'55 87884 30 4'19 50564	12/02/2024	198	Tshepiso	N/L	N/L
2	Shepard Tree	22°18'55 95768 30°4'19.82028	12/02/2024	198	Tshepiso	N/L	N/L
3	Shepard Tree	22°18'55 95624 30°4'19.89048	12/02/24	~~198~~ 122	Tshepiso	N/L	N/L
4	Shepard Tree	22 18'55 89884 30°4'19 50564	14/02/24	122	Tshepiso	N/L	N/L
5	Mopani Tree	22°18'55 88208 30°4'19 53516	14/02/24	198	Tshepiso	N/L	N/L

TREE CUTTING REGISTER

MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B

Revision Number: 000

Page Number: Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Shepard Tree	22°18'55.94796 30°4'19.82178	19/02/24	122	TShepiso	H/L	H/L
2	Shepard Tree	22°18'55.91678 30°4'19.81446	19/02/24	122	TShepiso	H/L	H/L
3	Mopani Tree	22°18'56.30796 30°4'19.64556	20/02/24	198	TShepiso	H/L	H/L
4	Shepard Tree	22°18'55.87884 30°4'19.50564	20/02/24	122	TShepiso	H/L	H/L
5	Mopani Tree	22°18'48.042 30°4'14.29464	20/02/24	196	TShepiso	H/L	H/L

Tree Cutting Register

TSHIAMISO TRADING 135

Document number: MMSEZSOC/2021/22/0007

Revision Number: 000

TREE CUTTING REGISTER

MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B

Page Number: Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Mopani Tree	22°18'55.16272 30°4'19.81416	20/02/24	198	Tshepiso	H/L	H/L
2	Mopani Tree	22°18'55.87864 30°4'19.30564	20/02/24	198	Tshepiso	H/L	H/L
3	Mopani Tree	22°18'55.37556 30°4'14.565	21/02/24	198	Tshepiso	H/L	H/L
4	Shepard Tree	22°18'55.5775 30°4'17.72076	21/02/24	192	Tshepiso	H/L	H/L
5	Shepard Tree	22°18'49.3678 30°4'14.09844	21/2/24	122	Tshepiso	H/L	H/L

Tree Cutting Register

TSHIAMISO TRADING 135

TREE CUTTING REGISTER

MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B

Document Number: MMSEZSOC/2021/22/0007

Revision Number: 000

Page Number: Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Shepard Tree	22°18'49.50744 30°4'4.05986	21/02/24	122	Tshepiso	N/L	N/L
2	Shepard tree	22°18'49.7592 30°4'4.12472	21/02/24	122	Tshepiso	N/L	N/L
3	Shepard Tree	22°18'50.10948 30°4'3.85904	21/02/24	122	Tshepiso	N/L	N/L
4	Shepard Tree	22°18'55.57612 30°4'2.702	21/02/24	122	Tshepiso	N/L	N/L
5	Shepard Tree	22°18'48.8936 30°4'4.10832	21/02/24	127	Tshepiso	N/L	N/L

Tree Cutting Register	TSHIAMISO TRADING 135	Document Number:
		MMSEZSOC/2021/22/0007
	TREE CUTTING REGISTER	Revision Number
		000
	MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B	Page Number
		Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Shepard Tree	22°1553.57556 33°4914.2165	22/02/24	122	Tshepiso	NIL	NIL
2	Shepard Tree	22°1555.04507 35°4115.55986	22/02/24	122	Tshepiso	NIL	NIL
3	Shepard Tree	22°1547.53971 35°414.28160	22/02/24	122	Tshepiso	NIL	NIL
4	Shepard Tree	22°1553.95228 35°418.70536	22/02/24	122	Tshepiso	NIL	NIL
5	Shepard Tree	22°1555.57984 35°419.53564	22/02/24	122	Tshepiso	NIL	NIL

TSHIAMISO TRADING 155

TREE CUTTING REGISTER

MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B

MMSEZSOC/2021/22/0007

Revision Number

000

Page Number
Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Mopani Tree	22°18'55.8764 35°4'19.50564	22/02/24	198	Tshepiso	N/L	N/L
2	Shepard Tree	22°18'55.81264 35°4'19.50564	22/02/24	~~122~~	Tshepiso	N/L	N/L
3	Shepard Tree	22°18'55.64664 35°4'17.86332	22/02/24	198	Tshepiso	N/L	03 N/L
	Shepard Tree	22°18'55.57158 35°4'17.72816	22/02/24	122	Tshepiso	N/L	N/L
	Shepard Tree	22°18'55.59276 35°4'17.73766	22/02/24	122	Tshepiso	N/L	N/L

Tree cutting register

ISHAMISO TRADING 135

TREE CUTTING REGISTER

MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B

Document Number: MMSEZSOC/2021/22/0007

Revision Number: 000

Page Number: Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Mopani Tree	22°18'55.37104 30°4'12.7164	22/02/24	198	IShepiso	N/L	N/L
2	Mopani tree	22°18'55.39088 30°4'12.85304	22/02/24	198	IShepiso	N/L	N/L
3	Mopani Tree	22°18'55.03798 30°4'13.01088	22/02/24	198	IShepiso	N/L	N/L
4	Shepard Tree	22°18'52.14632 30°4'12.98928	22/02/24	122	IShepiso	N/L	N/L
5	Shepard Tree	22°18'50.13986 30°4'12.994	22/02/24	122	IShepiso	N/L	N/L

TREE CUTTING REGISTER

Revision Number: 000

MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Sheppard Tree	22°18'52.0615"S 30°43'0.0542"E	22/02/24	122	Tshepiso	H/L	H/L
2	Mopani Tree	22°18'51.8972"S 30°43'0.2256"E	22/02/24	198	Tshepiso	H/L	H/L
3	Mopani Tree	22°18'49.0427"S 30°43'0.2946"E	22/02/24	198	Tshepiso	H/L	H/L
4	Sheppard Tree	22°18'52.5104"S 30°43'0.3524"E	22/02/24	122	Tshepiso	H/L	H/L
5	Mopani Tree	22°18'52.0526"S 30°43'0.1205"E	22/02/24	198	Tshepiso	H/L	H/L

Tree Cutting Register | TSHIAMISO TRADING 155 | Document Number: MMSEZSOC/2021/22/0007

TREE CUTTING REGISTER

MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B

Revision Number: 000

Page Number: Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Mopani Tree	22°6'52.19264 S 30°4'2.59464 E	22/02/24	198	TSHEPISO	H/L	H/L
2	Shepard Tree.	22°6'52.19280 S 30°4'3.00008 E	22/02/24	122	TSHEPISO	H/L	H/L
3	Shepard Tree	22°6'48.042 S 30°4'14.29464 E	22/02/24	122	TSHEPISO	H/L	H/L
4	Shepard Tree	22°6'48.042 S 30°4'14.29464 E	22/02/24	122	TSHEPISO	H/L	H/L
5	Mopani Tree	22°6'45.31068 S 30°4'14.26728 E	22/02/24	198	TSHEPISO	H/L	H/L

Tree Cutting Register

TSHIAMISO TRADING 135

MMSEZSOC/2021/22/0007

Revision Number

000

TREE CUTTING REGISTER

MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B

Page Number

Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Shepard Tree	22°19'56.3596" S 30°4'9.4560" E	22/02/2024	122	Tshepiso	T/L	T/L
2	Shepard Tree	22°19'55.7748" S 30°4'8.2794" E	22/02/24	122	Tshepiso	T/L	T/L
3	Shepard Tree	22°19'56.0396" S 30°4'9.1114" E	22/02/24	122	Tshepiso	T/L	T/L 0.3
4	Shepard Tree	22°19'55.2456" S 30°4'8.4778" E	22/02/24	122	Tshepiso	T/L	T/L
5	Shepard Tree	22°19'55.2456" S 30°4'8.4778" E	22/02/24	122	Tshepiso	T/L	T/L

TSHIAMISO TRADING 133

Document Number: MMSEZSOC/2021/22/0007

Revision Number: 000

TREE CUTTING REGISTER

MUSINA MAKHADO SEZ CONSTRUCTION OF INTERNAL ROADS AND STORMWATER IN MUSINA PHASE 1B

Page Number: Page 1 of 1

No.	Description/ Type of tree	Co ordinates	Date Cut:	National Tree No:	Responsible Person	Picture before	Picture After
1	Mopani tree	22°18'52.15784 30°4'2.99496	21/02/24	198	Tshepiso	T/L	T/L
2	Shepard Tree	22°18'50.10768 30°4'15.85904	21/02/24	12-2	Tshepiso	T/L	T/L
3	Shepard Tree	22°18'49.26124 30°4'14.09844	21/02/24	122	Tshepiso	T/L	T/L
4	Shepard tree	22°18'50.58484 30°4'13.61964	21/02/24	12-2	Tshepiso	T/L	T/L
5	Shepard Tree	22°18'50.58484 30°4'13.61964	21/02/24	122	Tshepiso	T/L	T/L