

## ENGLISH TRANSLATION

I am resident at the ward where the project is taking place.

The youth of this ward are unemployed.

The success of the planned project will create jobs & improve the livelihood of residents.



## ENGLISH TRANSLATION

I am a resident at the ward where the project is taking place.

People here are unemployed, so the project promises to create job opportunities.

**ISICELO SOKUGULUYAZIZWA KOKUSINGQONGILEYO  
SOLWAKHIWO OLUKHOYO SEPROJECTHINI YAMANZI YASEMZIMVUBU ECETYWAYO**

**UKWEBHU OLUQALILETHE ULWAZI LWANGAPHAMBILI**

IDEA Reference: Idamillamanzi: 14/12/16/3/3/2/679/ Umlambo: 14/12/16/3/3/2/679/ Inelimgado: 14/12/16/3/3/1/1169

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Isibuliso	MR MR	igama lokuqala	Boxolele
Isigama	B	Ubomi	MVUBU
Ikampani	ILISO CONSULTING	Indawo	
Idilesi yedolophu	BOX 218 MACLEAR	Indawo yedolophu	5480
Idilesi yasekhaya	E.HOM UPPER		SINYAKO
Inombolo yomntu	N/A	Inombolo yedolophu	N/A
Inombolo ye-ibhodi	060318741		
Iimeyili	N/A		

Izimvo: (Ungasebenzisa elinye iphepha xa kukho imfihleko)

Sicela uchaze ukubandakanyeka kwakho kule projekthini (ukutsho oko, Ungumnikazi-mhlaba Ochaphazelekayo, iiKhontraktha ezikhangela ithuba lomsebenzi, njalo njalo)

NDINSUMNIKOZI MHLABA OCHAPHAZELEKAYO MSONOKUKHLALA  
INANGOCABA IKWAZIYO NE WARD YAM

Le miba ilandelayo kumele iqwalaselwe ngelixa lolu mavanyo Lwempembelelo KokusiNgqongileyo.

ABANTU ABATSHA BALEMDAWO ABASEBENZI UNINTSI LWABO  
KULALEL PROJEKTHI BANGASEBENZA BANGABINALO IXESHA  
LOKUHLA ETYWALENI IMAMANZI ANQABILE KULEMDAWO

Sicela ufake lo/aba mntu/bantu kuluhlu lwakho loku kunyelelwa lposi.

MTHELELI MTSHONSWANI  
MOSAKHELE MVUBU  
APHILWE MVUBU

Siyabulela kakhulu ngokuthatha kwakho inxaxheba

## ENGLISH TRANSLATION

I am a resident who also owns land at the ward where the project is taking place.

The majority of youth in this area are unemployed. The project will reduce alcohol abuse as people would start utilizing their time constructively.

**APPLICATION FOR ENVIRONMENTAL AUTHORISATION  
FOR THE INFRASTRUCTURE COMPONENTS OF THE PROPOSED MZIMVUBU WATER  
PROJECT**

**BACKGROUND INFORMATION DOCUMENT**

DEA Reference: Dam Construction: 14/12/16/3/3/2/677, Electricity generation: 14/12/16/3/3/2/678, and Road Infrastructure: 14/12/16/3/3/1/169

Please complete and return to Kim duhhuysen or Joseph Masilela at ILISO Consulting (Pty) Ltd

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Title	MISS	First Name	Ntambesibini
Initials	N	Surname	NUNU
Organisation	ILISO consulting		
Postal Address	P.O BOX 68735 Maclean	Postal Code	5480
Street Address	Upper Esinake		
Tel Number	N/A	Fax Number	N/A
Cell Number	<del>075 276755</del>		0785185679
E-mail	N/A		

Comments: (You may use a separate sheet if necessary)

Please state your interest in this project (i.e. Affected landowner, Contractor seeking work opportunity etc.)

ndingununtu ochaph zelekayo ndikwa ngumhlal walapha ne-rand inye naceba wethu unye

The following issues must be considered during the EIA.

Abantu balendawa abasebenzi ngoku phumelela kwale Project ixesha sizalici Thela emsebenzi

Please add the following individual(s) to your mailing list.

Nokuzola NUNU  
Z.L NUNU ~~075 276755~~ 0785468525  
078 66 31244

We thank you for your participation!

ENGLISH TRANSLATION.

I am resident of this ward who will benefit from the project.

People in this area are unemployed, so this project will create job opportunities & people will use/spend their time constructively at work.

**ISICELO SOKUGUNYAZIZWA KOKUSINGQONGILEYO  
SOLWAKHIWO OLUKHOYO SEPROJEKTHI YAMANZI YASEMZIMVUBU ECETYWAYO**

**UXWEBHU OLUQULETHE ULWAZI LWANGAPHAMBILI**

DEA Reference- Idami lamanzi: 14/12/16/3/3/2/677, Umbane: 14/12/16/3/3/2/678, ne limigaqo:  
14/12/16/3/3/1/1169

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Isibuliso	SIR/ MAAAM	Igama Lokuqala	OLWAKHE
Oonobumba Bamagama		Ifani	LAKALA
Inkampani			
Idilesi yePosi	BOX 218 MACLEAR	Ikhawudi yePosi	548C
Idilesi Yesitalato	N/A		
Inombolo Yomnxeba	N/A	Inombolo Yefeksi	N/A
Inombolo Yeselula	0839940931		
I-imeyile	N/A		

Izimvo: (Ungasebenzisa elinye iphepha xa kukho imfuneko)

Sicela uchaze ukubandakanyeka kwakho kule projekthi (ukutsho oko, Ungumnikazi-mhlaba Ochaphazelekayo, iKhontraktha ezikhangelela ithuba lomsebenzi, njalo njalo)

NATHE KICONIRAKTHA EZIKHANGANGELA UMISEBENTSI,  
NOLWAKHE.

Le miba ilandelayo kumele iqwalaselwe ngelixa lolu Vavanyo Lwempembelelo KokusiNgqongileyo.

LIKUPHATHISA NYA NGENICINIPHO, EMPHILA EZIKHANGANGELA  
LEKILEYO ZOKUSEBENZA

Sicela ufake lo/aba mntu/bantu kuluhlu lwakho lokuthunyelwa iposi.

MARGARET LAKALA, MARTHA LANGA

Siyabulela kakhulu ngokuthatha kwakho inxaxheba!

ENGLISH TRANSLATION

I am seeking employment & I have working experience.

Treating each other with respect & providing protective clothing to do the job.

**SICELO SOKUGUNYAZIZWA KOKUSINGQONGILEYO  
SOLWAKHIWO OLUKHOYO SEPROJEKTHI YAMANZI YASEMZIMVUBU ECETYWAYO**

**UXWEBHU OLUQULETHE ULWAZI LWANGAPHAMBILI**

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14/12/16/3/3/1/1169

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Isibuliso	MR. Y	Igama Lokuqala	YOLISA
Oonobumba Bamagama		Ifani	NUNU
Inkampani	ILISO CONSULTING		
Idilesi yePosi	P.O BOX 218 MACLEAR ST	Ikhowudi yePosi	5480
Idilesi Yesitalato	Ehom UPPER ESINXAKO		
Inombolo Yomxeba	073 2912573	Inombolo Yefeksi	
Inombolo Yeselula	073 2912573		
Iimeyile	N/A		

**Izinto:** (Ungasebenzisa elinye iphepha xa kukho imfuneko)

Sizela uchaze ukubandakanyeka kwakho kule projekthi (ukutsho oko, Ungumnikazi-mhlaba Ochaphazelekayo, iikhontraktha ezithengela ithuba lomsebenzi, njalo njalo)

NDINGU MHLALI WALAPHA NOLIKWANGUYE NOMNIKAZI  
WOMHLABA NGOBA UCEBA WETHU UKWAMNYE, NDINE  
MAYAKA ELISUKUMI ELINE SIBINI.

Sizela landelayo kumele iqwalaselwe ngelixa lolu Vavanyo Lwempembelelo KokusiNgqongileyo.

PROJEKTHI INQASI NCEDA NGOKU SIVULELA umsebenzi  
SISO SILULUTSHA SIYEKE UKUYAPHAKA GZIPOTINI ISINCELE  
SINEFAMA SIKWAZI UBANA MANZI AKUFUTSHANE (ENKOSI)

Sizela bala mntu/bantu kuluhlu lwakho lokuthunyelelwa iposi.

UMSEBENZI NUNU  
UMSEBENZI NUNU.  
UMSEBENZI NUNU.

Sizela bala mntu/bantu kuluhlu lwakho inxaxheba!

## ENGLISH TRANSLATION

I am resident + land owner at the ward where the project is taking place.

The project will create job opportunities especially for the youth. We will spend more time at work instead of drinking at the pub.

# APPLICATION FOR ENVIRONMENTAL AUTHORISATION FOR THE INFRASTRUCTURE COMPONENTS OF THE PROPOSED MZIMVUBU WATER PROJECT

## BACKGROUND INFORMATION DOCUMENT

DEA Reference: Dam Construction: 14/12/16/3/3/2/677, Electricity generation: 14/12/16/3/3/2/678, and Road  
infrastructure: 14/12/16/3/3/1/1169

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Joseph.m@iliso.com

Title	Mr	First Name	SITHEMBISO
Initials	S.J	Surname	JOKAZI
Organisation			
Postal Address	PO.BOX 218 Maclear	Postal Code	5480
Street Address			
Tel Number		Fax Number	
Cell Number	0785995556		
E-mail			

Comments: (You may use a separate sheet if necessary)

Please state your interest in this project (i.e. Affected landowner, Contractor seeking work opportunity etc.)

BRICK LAYER HELPER (LABOUR)  
PIASTRINS

The following issues must be considered during this EIA.

Safety  
WORKING HOURS

Please add the following individual(s) to your mailing list.

Ncumisa JOKAZI 0735010509  
NELISWA JOKAZI 0730045208

We thank you for your participation!

# APPLICATION FOR ENVIRONMENTAL AUTHORISATION FOR THE INFRASTRUCTURE COMPONENTS OF THE PROPOSED MZIMVUBU WATER PROJECT

## BACKGROUND INFORMATION DOCUMENT

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Joseph.m@iliso.com

Title	Dear Sir/Miss	First Name	Zukhhe
Initials	Z.M.	Surname	Mkhanzi
Organisation	Mzimvubu Project		
Postal Address	P.O. Box 218	Postal Code	5480
Street Address			
Tel Number		Fax Number	
Cell Number	0730811781		
E-mail			

Comments: (You may use a separate sheet if necessary)

Please state your interest in this project (i.e. Affected landowner, Contractor seeking work opportunity etc.)

I am very proud of this project because they will get better water and this water they will supply more people so I am very proud as well.

The following issues must be considered during this EIA

I can build and cement

Please add the following individual(s) to your mailing list

T.N. Mkhanzi - 0735340251

We thank you for your participation!

**ISICELO SOKUGUNYAZIZWA KOKUSINGQONGILEYO  
SOLWAKHIWO OLUKHOYO SEPROJEKTHI YAMANZI YASEMZIMVUBU ECETYWAYO**

**UXWEBHU OLUQULETHE ULWAZI LWANGAPHAMBILI**

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Isibuliso	NKSZN	Igama Lokuqala	Sinnin.
Oonobumba Bamagama	S-J	Ifani	Tokazi
Inkampani	ILISO PROJECT		
Idilesi yePosi	P.O BOX 218	Ikhawudi yePosi	5480
Idilesi Yesitalato	MACLEAR		
Inombolo Yomxeba	0734491400	Inombolo Yefeksi	N/A
Inombolo Yeselula	0607774465		
I-imeyile	N/A		

Izimvo: (Ungasebenzisa elinye iphepha xa kukho imfuneko)

Sicela uchaze ukubandakanyeka kwakho kule projekthi (ukutsho oko, Ungumnikazi-mhlaba Ochaphazelekayo, iiKhontraktha ezikhangela ithuba lomsebenzi, njalo njalo)

Nje ngoba ndichaphazeleka kule projekthi ndingwenela ukuthi sifumane amadama ukuze sizokufumana uphuhliso lwamanzi.

Le miba ilandelayo kumele iqwalaselwe ngelixa lolu Vavanyo Lwempembelelo KokusiNgqongileyo.

Njengaxalenye yenkqubo yoVavanyo Lwempembelelo KokusiNgqongileyo enezigaba ezimbini, kuzo kugulungwa Abalelo yoxulelo Umsebenzi lase humasike kuwo onke amadama Anomdla Nabandakanyekayo Ngexesha.

Sicela ufake lo/aba mntu/bantu kuluhlu lwakho lokuthunyelwa iposi.

Sizabantu Store

PO Box 218

Maclear 5480

Siyabulela kakhulu ngokuthatha kwakho inxaxheba!

## ENGLISH TRANSLATION

{ With my involvement in this project, I am hoping that the community will experience growth through the creation of dams & water development.

The following environmental considerations need to be taken into account:

I will be part of the environmental impact assessment. The project is two phased & there will be a report on the allocation of work which will be made available to all involved parties in due course.

✓  
23 June 2014 - Posted.

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Joseph.m@iliso.com

Title	Miss	First Name	VUYELWA
Initials	V.S	Surname	TOBI
Organisation			
Postal Address	P.O. Box 354 <sup>MACLEOD</sup>	Postal Code	5480
Street Address			
Tel Number		Fax Number	
Cell Number	0789507231		
E-mail			

Comments: (You may use a separate sheet if necessary)

Please state your interest in this project (i.e. Affected landowner, Contractor seeking work opportunity etc.)

My main interest in this huge project is to be employed since I am a job seeker.

The following issues must be considered during this EIA.

The trees that are ~~sur~~ surrounding the Tsitsa must be removed in order to minimize water pollution. Secondly, there must be a dumping site in that area so that the waste materials or products can be dumped there or in it.

Please add the following individual(s) to your mailing list.

Luyolo TOBI

Anathi Njanda

Celiswa Nkompe

We thank you for your participation!

**APPLICATION FOR ENVIRONMENTAL AUTHORISATION  
FOR THE INFRASTRUCTURE COMPONENTS OF THE PROPOSED MZIMVUBU WATER  
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**BACKGROUND INFORMATION DOCUMENT**

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Title	Ms	First Name	Kimza
Initials	P.	Surname	Mbatu - Khan
Organisation	INDIATIKO TRADING 92700		
Postal Address	ESIQHUNGAWN,	Postal Code	5170
Street Address	LOCATION		
Tel Number	071 2060 782	Fax Number	
Cell Number	071 2060 782		
E-mail	pumzakhan@mbatukoza		pumzakhan@mbatukoza

Comments: (You may use a separate sheet if necessary)

Please state your interest in this project (i.e. Affected landowner, Contractor seeking work opportunity etc.)

I would like to sub-contract, if not I have a code 8 driver's licence with more than 10 years experience of driving or anything that might come by Store body.

The following issues must be considered during this EIA.

The Siqhungawn youth must be the first priority, they suffer a lot.

Please add the following individual(s) to your mailing list.

A contractor number so that I can ask job I am a single parent and jobless.

We thank you for your participation!

**Kim**

---

**From:** Kim [kim.d@iliso.com]  
**Sent:** 02 July 2014 12:11 PM  
**To:** 'Ayanda Sigwela'  
**Cc:** 'Terry Calmeyer'  
**Subject:** RE: Comments on the Scoping Report

Dear Ayanda,

Please find our responses to your concerns below:

1. The Environmental Assessment Practitioner (EAP) is undertaking the EIA in compliance with all of the National Environmental Management Act (NEMA) Regulatory requirements. The EAP and the Department of Environmental Affairs (DEA), who are the environmental authorising authority, do not consider the project to have commenced until a Contractor has been appointed and physical construction has commenced. The potentially affected communities and authorities have been consulted about the proposed development (see Chapter 6: Public Participation of the Scoping Report).
2. The infrastructure associated with the dams includes accommodation for operational staff. The Waste Water Treatment Works are relatively small facilities that treat the effluent from these households and offices.
3. The November amendments to the waste listed activities have been taken into account in the final Scoping Report.
4.
  - a. The technical feasibility study has looked into options of building smaller dams vis a vis the project objectives of supplying as many households as possible within economic reach of the dams, maximising the development of irrigated agriculture, developing hydropower for local consumption on the scheme as well as excess energy for revenue generation to improve the economics of the scheme, employment creation and above all socio-economic development of the area. On the technical side of the analysis, the potential sedimentation into the newly created reservoirs worked against smaller dams that could easily be silted up, thereby shortening the useful life of the project. Catchment rehabilitation and management is being implemented as part of the broader development in the catchment and also in direct support to the project. However, catchment management is not a mandate of the Department of Water Affairs, and so the department has no real control of what should be done and when to improve infiltration capabilities of the country's river systems. Besides the issue of mandate, the real problem with the catchment is not insufficient streamflow, but rather soil degradation and the concomitant threat of sedimentation.
  - b. Groundwater could be a cheap source of water for the villages if the yields and quality are confirmed, but it will not address the objectives of the project especially socio-economic development of the area. The district municipalities will still likely continue to develop groundwater to supply those communities that cannot be reached by the project and other developments in the area. Isolated boreholes scattered throughout a wide area have been found by district municipalities (confirmed by Amatola Water at PSC meetings) to pose huge operational challenges. It is important to note that the development and operation of village boreholes is the mandate of district municipalities and not the Department of Water Affairs, although the Department can provide support where possible.
  - c. Rain water harvesting will not, again, meet the project objectives as presented above. In any case, a rain water harvesting programme can be implemented in complementarity with the Mzimvubu Water Project, however, the two are not exclusive.

Please note, however, that your three alternatives as listed in 4 a. b. and c. As listed below will be assessed and addressed in the Environmental Impact Report. All your issues have been added to the Issues and Responses Report.

If you have any further comments or concerns please do not hesitate to contact us.

Kind Regards,

Kim Dalhuijsen Bsc (Hons) Environmental  
Junior Environmental Scientist

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---

**From:** Ayanda Sigwela [<mailto:nyathi@ecol.co.za>]  
**Sent:** 27 June 2014 08:01 PM  
**To:** [kim.d@iliso.com](mailto:kim.d@iliso.com)  
**Subject:** Comments on the Scoping Report

Hello Kim,

Please find my comments.

1. I understand that the scoping is still in progress but the government already indicates that the dam is going forward. How much will this influence any outcomes of the EIA. Will it be possible to come with a different view from what has already been published by government. There has already been a sod turning even though the community had not yet been consulted for this development. Recently, we have heard from the president's speech on the 17 June 2014 that the dam is going ahead. That is why I wonder whether the EIA processes will truly influence the government's decisions
2. I note that in each dam there will be a waste treatment works. I however don't understand why is this needed or what is it for. I'll appreciate it if you can clarify
3. I note that the basis of your waste listed activities seemingly is fairly outdated. Are you aware that there were amendments done in November 2013?
4. I note that you indicate that there will be no possible activity alternatives in the construction of the dam, and the justification is that the money comes from DWA and they may not have other mandates. I however differ with this view. DWA could
  - a. Construct smaller dams. Improve water infiltration by improving vegetation cover in the catchment to provide more volume and quality with improved winter flows. Then the extraction from those small dams will be more sustainable. This improvement of filtration will mitigate against big floods that are prevalent in this area.
  - b. With improved underground water reserves (based on a. above) develop boreholes in villages which will provide more quality water.
  - c. Change from dam provision to provision of rain-fed tanks

Regards  
Ayanda

**Kim**

---

**From:** Kim [kim.d@iliso.com]  
**Sent:** 02 July 2014 12:29 PM  
**To:** 'Muruven, Dean'  
**Cc:** 'Terry Calmeyer'; 'Lea Muruven'  
**Subject:** RE: Mzimvubu Final Scoping Report Notification

Dear Dean,

Please see our responses (in green) to the issues raised:

I would like to make the following comment regarding the project, the Mzimvubu river is one of the main rivers flowing in the Eastern Cape Drakensberg and Pondoland Coast water source areas, these have <3% protection and are critical for water supply. This should be taken into account during the EIA.

This is being taken into account, thank you.

I would also like to find out if the project will consider any offset programmes?

The EAP and specialists will consider the mitigation of all potential significant impacts. The mitigation hierarchy (avoid, mitigate, restore or rehabilitate and offset) approach enables an infrastructure development project to work towards “no net negative impact”, and ideally, a net gain.

The following mitigation hierarchy is being used:

- **Avoidance:** measures taken to avoid creating impacts from the outset, such as careful spatial or temporal placement of elements of infrastructure, in order to completely avoid impacts on certain components of biodiversity;
- **Minimisation:** measures taken to reduce the duration, intensity and / or extent of impacts (including direct, indirect and cumulative impacts, as appropriate) that cannot be completely avoided, as far as is practically feasible;
  - **Rehabilitation/restoration:** measures taken to rehabilitate degraded ecosystems or restore cleared ecosystems following exposure to impacts that cannot be completely avoided and/ or minimised;
- **Offset:** measures taken to compensate for any residual significant, adverse impacts that cannot be avoided, minimised and / or rehabilitated or restored, in order to achieve no net loss or a net gain of biodiversity. Offsets can take the form of positive management interventions such as restoration of degraded habitat, arrested degradation or averted risk, protecting areas where there is imminent or projected loss of biodiversity.

Your concerns have been added to our issues and responses report.  
Please do not hesitate to contact us with any further concerns.

Kind Regards,

Kim Dalhuijsen Bsc (Hons) Environmental

Junior Environmental Scientist

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---

**From:** Muruven, Dean [mailto:DMuruven@wwf.org.za]  
**Sent:** 23 June 2014 10:16 AM  
**To:** Kim  
**Subject:** RE: Mzimvubu Final Scoping Report Notification

Thank you!

---

**From:** Kim [mailto:kim.d@iliso.com]  
**Sent:** 23 June 2014 10:06 AM  
**To:** Muruven, Dean  
**Subject:** RE: Mzimvubu Final Scoping Report Notification

Hi Dean,

Thank you for your comments. They will be included in the IRR.  
I will get back to you shortly with a response regarding the offsets.

Kind Regards,

Kim Dalhuijsen Bsc (Hons) Environmental  
Junior Environmental Scientist

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**From:** Muruven, Dean [mailto:DMuruven@wwf.org.za]  
**Sent:** 23 June 2014 09:35 AM  
**To:** kim.d@iliso.com  
**Cc:** Joseph Masilela (joseph.m@iliso.com)  
**Subject:** RE: Mzimvubu Final Scoping Report Notification

Hi Kim,

I would like to make the following comment regarding the project, the Mzimvubu river is one of the main rivers flowing in the Eastern Cape Drakensberg and Pondoland Coast water source areas, these have <3% protection and are critical for water supply. This should be taken into account during the EIA.

I would also like to find out if the project will consider any offset programmes?

For more information on the water source areas please feel free to contact me or visit our website  
[www.journeyofwater.co.za](http://www.journeyofwater.co.za)

Regards

Dean

---

**From:** Joseph Masilela [mailto:joseph.m@iliso.com]  
**Sent:** 19 June 2014 02:37 PM  
**To:** Muruven, Dean

Kim

---

**From:** Kim [kim.d@iliso.com]  
**Sent:** 07 July 2014 11:15 AM  
**To:** 'msipesihle@gmail.com'  
**Subject:** RE: Mzimvubu Comments

Dear Magazi Sipesihle,

With regard to your below mentioned concern (highlighted in yellow), please find our response as follows:

The Environmental Impact Assessment is intended to inform the authorities that must approve the development of the Project which is now at a proposal stage. The Impact Assessment will inform the authorities on, for instance, how many graves will be affected and what processes will have to be followed to deal with that matter. There are various laws that must be complied with when the impact on graves and other cultural and heritage resources are managed during implementation of the project. This happens during the implementation phase, when dams and other structures are constructed, and not during this assessment or preparation phase. Various options are open to the families of deceased persons, whose graves are affected by such development, including relocation of the graves to another cemetery. The relocation process includes exhumation and reburial in close cooperation and after consultation with the affected families. The consultations include agreeing on the processes to be followed which usually include all the traditional customs and rituals which are for the cost of the project. These customs include paying homage to the ancestors which often involve the slaughtering of animals. The project also covers the cost of these animals. If the affected family itself has to be relocated because their house is affected by the project then the graves are usually reburied in a cemetery at or close to their new house.

There is no intention of physically touching or removing any graves during the Environmental Impact Assessment which is now being undertaken. It is now only necessary to determine, as accurately as possible, how many graves are affected and to estimate the extent of the work that will be necessary to relocate these graves after detailed social consultations. It is also necessary to estimate the cost of these activities so that a budget can be prepared for purposes of securing the necessary funds for the project.

Your concern has been recorded in our Issues and Responses Report.  
Please contact us if you have any further concerns.

Kind Regards,

Kim Dalhuijsen Bsc (Hons) Environmental  
Junior Environmental Scientist

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-----Original Message-----

**From:** sipesihle magazi [<mailto:msipesihle@gmail.com>]  
**Sent:** Saturday, June 14, 2014 8:32 PM  
**To:** [joseph.m@iliso.com](mailto:joseph.m@iliso.com)  
**Subject:**

comment from:Magazi sipesihle in Ntabelanga site.i want to know how EIA can manage to remove homes with graves? Because in our culture when we remove a grave we have to slaughter a cow and appologise to the unsistors.....

Kim

---

**From:** Terry Baker [terry@iliso.com]  
**Sent:** 12 June 2014 01:12 PM  
**To:** nking2020@gmail.com  
**Cc:** Sandy Heather; Val; Sinegugu Zukulu; Lea Muruven; Kim Dalhuijsen; Mugumo Menard; Moore Tony  
**Subject:** RE: Mzimvubu dams  
**Categories:** Green Category

Hi Nick,

While I am not specifically aware of a **Strategic Environmental Assessment** *per se*, the following have been taken into account in the Scoping Phase:

- National Strategy for Sustainable Development, 2011
- National Development Plan (NDP)
- National Spatial Development Plan (NSDP)
- Strategic Integrated Projects (SIP)
- Eastern Cape Environmental Implementation Plan (EIP) (2<sup>nd</sup> edition as in GN 82 on 24 March 2014)
- Integrated Development Plans (which should include Strategic Environmental Frameworks) for all municipalities (IDP)

The **alternative dam site assessment** process undertaken in the Feasibility Study is summarised in Chapter 5.2 of the Scoping Report. We will be happy to make any of the source documents available to you if that will be useful.

A **Reserve determination** for an Ecological Water Requirements site downstream of the proposed Ntabelanga Dam and for the estuary was undertaken in the Feasibility Study and is being used in the yield analysis and EIA. What is not yet available is a sufficiently detailed Reserve for a point downstream of the proposed Laleni Dam. We are undertaking that assessment as part of the EIA process.

In terms of **Climate Change**, the Scoping Report states the following:

*“According to the Eastern Cape Climate Change Response Strategy (DEDEA, 2011), the Province is expected to experience highest temperature increases towards the north-west interior, while lowest increases are likely along the coast. Associated with the higher temperature will be increases in evaporation rates and increased intensity of droughts.*

Regarding rainfall projections a wetting trend is expected eastwards. In addition to increases in mean annual rainfall, it is projected that the durations of droughts will increase while the intensity of rainfall may increase (Midgley et al 2007).

Some key risks and opportunities of climate change are of relevance to the project and are described below:

- *Risks for the agricultural sector:*

The gradual increase in mean temperature and changes in moisture condition over time may result in both increases and decreases in agricultural productivity depending on local circumstances and the crop type in place. Warming as a result of climate change is predicted to reduce the accumulation of chill units, making it more difficult to produce chill-dependent deciduous fruits such as apples. Furthermore added heat stress will reduce the productivity of perennial and annual crops. Due to

increased evaporation and drying, net water requirements for crops in the summer rainfall region are projected to increase throughout southern Africa but particularly in the eastern and central parts of South Africa.

- *Biodiversity related risks:*

Biodiversity is extremely susceptible to climatic changes including rainfall and temperature. Reduced rainfall and increased temperatures may result in local extinction of marginal species and may facilitate extension of the geographical range of invasive alien species of plant and animal. These, in turn, will compete with indigenous species for scarce resources and may ultimately impair the ability of ecosystems to cope with other disturbances. This is of particular importance when indigenous species contribute to essential goods or services. Increased temperatures in particular are expected to result in increased insect outbreaks which may have negative consequences for agriculture within the province.

- *Social systems related risks*

Climate-change vulnerabilities of industry, settlement and society are mainly related to extreme weather events rather than to gradual climate change. Vulnerabilities of industry, infrastructures, settlements and society to climate change are generally greater in certain high-risk locations, particularly coastal and riverine areas, and areas whose economies are closely linked with climate sensitive resources, such as agricultural and forest product industries, water demands and tourism; these vulnerabilities tend to be localised but are often large and growing. Poor communities can be especially vulnerable as they tend to have more limited adaptive capacities, and are more dependent on climate-sensitive resources such as local water and food supplies.

- *Water resources and water services related risks*

Climate change can cause changes to baseflows (i.e. “dry weather” flows) and stormflows and their variabilities, which have strong and direct influences on water quality and quantity, as well as the integrity of aquatic ecosystems. Changes to annual streamflows and their variabilities also affects the predictability of annual water supply to storage dams.

More intense rainfall events will result in increased turbidity and sedimentation (causing loss of capacity of storage dams and increased water treatment costs). Shallower, warmer water and increased evaporation and eutrophication leading to water treatment and distribution challenges (disinfection, by-products, regrowth). Increased risk of direct flood damage to water services and treatment facilities. Possible increased water demand (for irrigation as well as domestic urban demand) due to more heat waves and dry spells.

The impact of climate change on the area, and therefore the project, is a process that is taking place at a scale that is much longer in terms of time and larger in terms of geographic extent than this project. Cognisance is taken of the increased likelihood and frequency of impacts as described above. This will be addressed in the relevant specialist studies by applying the precautionary principle.

The contribution of this project to climate change in the region will be addressed in the EMP.

No climate change specialist study will therefore be undertaken.”

Any comment on this will be much appreciated as soon as is possible.

Any further queries or comments welcome at any stage.

Kind Regards,

Terry Calmeyer Certified Environmental Assessment Practitioner

Director: ILISO Consulting Environmental

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**From:** nking [mailto:nking2020@gmail.com]  
**Sent:** 12 June 2014 12:06 PM  
**To:** 'Terry Baker'  
**Cc:** 'Sandy Heather'; 'Val'; 'Sinegugu Zukulu'; 'Lea Muruven'; 'Kim Dalhuijsen'; 'Mugumo Menard'; 'Moore Tony'  
**Subject:** RE: Mzimvubu dams

Hi Terry

Thanx for detailed responses. Ill prob come back to you once Ive had time to work through the docs. Ive sent the completed BID registration doc back to Joseph.

Do you know if there is any attempt to undertake an SEA for the whole catchment, esp in light of the catchment rehab work being undertaken by DEA? This would seem to be a real necessity – e.g. seems that different parts of DWA are working completely apart from each other – at the UCPP meeting in Matat last week, the DWA rep informed us officially that they were just starting on the classification of the Vubu system – yet the dam building folk have apparently already identified 19 diff dams sites and this one at least is already being fast-tracked....cart before horse in terms of needs to classify the whole living/functioning river/catchment system first before looking at its potential as an exploitable resource which could/will compromise its optimal functioning? SEA could help... Also, as you know, there is quite some momentum building around how best to integrate climate change concerns into IA processes (in SA as well as elsewhere, and Ive been in some discussions with DEA about this) especially in large infrastructure projects with long lifetimes, such as dams – are there any specific requirements in the ToRs on this?

Best  
Nick

---

**From:** Terry Baker [mailto:tery@iliso.com]  
**Sent:** 12 June 2014 09:34  
**To:** nking2020@gmail.com  
**Cc:** Sandy Heather; Val; Sinegugu Zukulu; Lea Muruven; Kim Dalhuijsen; Mugumo Menard; Moore Tony  
**Subject:** RE: Mzimvubu dams

Hi Nick,

I am very well thank you. Trust that you are the same.

We have registered SWC as a stakeholder with you as the contact person as requested.

I have attached a copy of the English Summary of the DSR. The quickest way for you to access the full Draft Scoping Report is from the DWA website ([www.dwa.gov.za/mzimvubu](http://www.dwa.gov.za/mzimvubu)). If this is not possible for you then we can mail a CD or hard copy. Please advise.

I will try to address your queries below:

1. The Authorities Forum was established at the request of the Department of Environmental Affairs with the primary objective of expediting input to the EIA process and specifically comment on the Scoping and EIA Reports to enable DEA to undertake their reviews timeously. For this project we are planning two meetings to

coincide with the public comment period for the draft reports. At the first meeting the possibility of extending the scope and duration of the Forum was proposed, but that falls outside of the EIA that ILISO is appointed to undertake. For the EIA we are dealing with the Forum meetings as part of the public participation process, so minutes are included in the PPP records and issues and comments captured in the Issues and Responses Report. We have the usual other public participation activities including public meetings in the study area, as documented in the Scoping Report, to consult with other I&APs.

2. Our involvement of the communities has primarily been through the Traditional Authority structures and Ward Councillors in the affected areas. The Nkosis have nominated local facilitators that have been appointed by ILISO on a contract basis and form an integral part of our public participation team. Our consultation commenced with an announcement phase during which we published newspapers adverts, put up on-site notices, and hand delivered English and isiXhosa Background Information Documents to residents of the villages in the study area with the objective of making the project known and giving I&APs the opportunity to register on the database. The public comment period for the DSR took place from 8 May to 9 June 2014. During this period we had public meetings in key locations in the study area as advised by the Nkosis and distributed English and isiXhosa copies of a Summary of the Scoping report. Full sets of the documents were available at six venues (four in the direct study area, as well as copies in Mthatha and East London as some of the municipalities and other government agencies are located in these towns), and on the DWA website.
3. While the EIA is indeed being fast-tracked, all the requirements of the NEMA EIA Regulations, including Scoping and all the public participation requirements, are being met. The fast-tracking refers only to the time within the reports are being produced, the DWA is reviewing and approving them, and the competent authority is reviewing them. We are also not compromising any of the specialist studies. In order to achieve this, however, some of the specialist studies had to commence (as risk) before the Scoping report has been approved by the DEA. Should the approval of the Scoping Report and plan of study for EIA include any conditions that affect the specialist studies these will have to be addressed at that point in time. Our instruction, as the EAP, to fast-track the project in this manner, comes from the applicant, who is the Department of Water Affairs: Options Analysis.
4. The President undertook a ceremonial sod-turning in April. As the EAP, I do not view this as any kind of Environmental approval and understand that all the usual environmental authorisations will still be required before any construction activities can commence. No Contractor has been appointed and no construction activities have commenced.
5. Soil erosion is indeed a big issue in this catchment. The DEA has therefore initiated a Catchment Rehabilitation and Management Programme aimed at addressing this any related issues. This project includes the removal of alien invasive species, rehabilitation of eroded areas and other land management exercises. The project has already commenced. What is meant by the statement in the minutes that you refer to is that, should any activities of the Catchment Rehabilitation and Management Programme (e.g. the construction of soil erosion abatement structures) require environmental authorisation or a water use licence these are not included in the applications that we have submitted for the dams, and separate EIAs will have to be undertaken for them. There is close liaison between the catchment management and MWP teams to focus their initial activities on areas that will most benefit the dams.
6. Your concern about the tertiary water supply infrastructure is valid. I would like to escalate that to the technical team for a comprehensive response and will get back to you with a reply.

I would also like to add all of these good queries to our Issues and Response Report.

Looking forward to your participation in this EIA process.

Kind Regards,

Terry Calmeyer Certified Environmental Assessment Practitioner

Director: ILISO Consulting Environmental

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**From:** nking [<mailto:nking2020@gmail.com>]  
**Sent:** 11 June 2014 12:07 PM  
**To:** [terry@iliso.com](mailto:terry@iliso.com)  
**Cc:** [nking2020@gmail.com](mailto:nking2020@gmail.com); 'Sandy Heather'; 'Val'; Sinegugu Zukulu  
**Subject:** Mzimvubu dams

Hi Terry

Hope you are well.

Nicky McLeod has just forwarded the Minutes of the Mzimvubu Authorities Forum meeting to UCPP members of which SWC is one; my SWC Board portfolio includes such activiteis and we are also working with the UCPP on a comprehensive ecotourism plan for the catchment, together with various activities on rehab and so on. Please register SWC as an I&AP/stakeholder, with myself as contact person. Please also send me the draft Scoping report asap.

Can you clarify a couple of things referred to in the Minutes please:

How does the Authorities Forum relate to other required public participation activities, such as Stakeholder Forums?

How do communities in the catchment get involved/what processes are in place to involve them?

Why is the EIA being fast-tracked? Under who's legal authority?

Reference is made to 'Presidential launch' of the project – does that mean the decision has already been made, irrespective of the EIA findings?

Catchment rehab is 'outside the scope of the EIA' – however, soil erosion is a huge issue in this catchment, and this is absolutely critical to dam life, so the two cannot be disconnected – how will this be addressed?

Mention is made that DWA will only be responsible for primary and secondary infrastructure, and tertiary will be for the Municipalities – as experienced with other such projects, there are never guarantees/contracts/budgets in place in Municipalities in order to do so! Please clarify how this will be addressed/assured?

Many thanx

Best wishes

Nick

**Kim**

---

**From:** Terry Baker [terry@iliso.com]  
**Sent:** 17 June 2014 09:08 AM  
**To:** Qondile.Paliso@dedea.gov.za  
**Cc:** Mugumo Menard; Moore Tony; Lea Muruven; kim.d@iliso.com  
**Subject:** FW: Comment, re: final scoping report for Mzimvubu Dam

**Categories:** Green Category

Dear Qondile,

Thank you for your comments submitted by e-mail below.

3.1 Our public participation process included contacting the Tribal Authorities in the study area through the representative in the Department of Local Government and Traditional Affairs. In addition to being directly involved in the consultation process, the Tribal Authorities have nominated two local facilitators that ILISO has appointed on a contract basis to assist with consultation with the communities in the potentially affected areas, such as distributing document by hand and arranging meetings. If this is not, in your view, sufficient, then please can you urgently advise us what additional consultation is required.

3.2 Please can you advise which parties potentially affected by this project have special interests so that we can arrange focus group meetings with them as soon as possible.

3.3 Your comment is noted. I am not aware of any conflicts that have arisen in the EIA process to date. Please advise us if you are aware of any.

Kind Regards,

Terry Calmeyer Certified Environmental Assessment Practitioner

Director: ILISO Consulting Environmental

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**From:** Qondile Paliso [<mailto:Qondile.Paliso@dedea.gov.za>]  
**Sent:** 13 June 2014 03:19 PM  
**To:** [kim.d@iliso.com](mailto:kim.d@iliso.com)  
**Cc:** Qondile Paliso  
**Subject:** Comment, re: final scoping report for Mzimvubu Dam

1. The final scoping report has been received
2. Gone through the report
3. Only 1 concern is around efficiency of the public participation process:
  - 3.1 more specifically with tribal authorities
  - 3.2 various parties do have special interest and this differ from project to project (UNEP, 2007)
  - 3.3 If one wants to see the project prospering without any difficult, conflicts which might arise have to be avoided upfront (*Ibid.*)

Regards,

**Paliso, Qondile**

Regional Manager-Environmental Affairs (Acting)

---



**Tel:** 047 531 1191 • **Fax:** 047531 2887  
**Mobile:** 071 874 8728 • **Fax2email:** 086 565 0076  
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Email: [gondile.paliso@deaet.ecape.gov.za](mailto:gondile.paliso@deaet.ecape.gov.za)  
Alt. Email: [pqondile@yahoo.com](mailto:pqondile@yahoo.com)

**Kim**

---

**From:** Kim [kim.d@iliso.com]  
**Sent:** 02 July 2014 09:14 AM  
**To:** 'Sizakele Gabula'  
**Subject:** RE: MZIMVUBU FINAL SCOPING REPORT

Dear Sizakele,

Thank you for comments. Please see our responses to your concerns below:

1. Noted. Will do.
2. The impact on land rights will be considered in the EIA. We will consult with Mr Matebese.
3. This will be addressed in the Impact Assessment Phase.
4. Noted.
5. This will be addressed in the Impact Assessment Phase.
6. Noted with thanks.

You have been added to our I&APs database and will be sent all future information and notifications.

Kind Regards,

Kim Dalhuijsen Bsc (Hons) Environmental  
Junior Environmental Scientist

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**From:** Sizakele Gabula [<mailto:Sizakele.Gabula@dedea.gov.za>]  
**Sent:** 01 July 2014 02:48 PM  
**To:** [Kim.d@iliso.com](mailto:Kim.d@iliso.com)  
**Subject:** MZIMVUBU FINAL SCOPING REPORT

Dear Kim

I would like to forward the following comments:

1. With regards to additional authorization 2.4.5. please consider National Environmental Biodiversity Act (NEMBA) Threatened or Protected Species (TOPS) Regulations in respect of protected plants other than tress covered by National Forest Act.
2. I note that the issue of land rights is not going to be covered by this report, I however refer you to The Interim Protection of Land Rights Act administered by DRDLR Mr. Matebese (047 5325959) he can give guidance. The Dam and associated structures shall have land rights implications.
3. Key Issues 7.1. I wish you to consider geohydrological impacts; as well as in line with social impacts consider the possible influx of people for jobs as this may have implications for the municipality (services, etc). Impacts on terrestrial plants to consider search and rescue of protected plants including where they will be relocated to (Rescue Plan for Plants). Many dams in the Transkei have been silted up how do you take care of this, may point 4 below?

4. Although the Catchment Rehabilitation is a separate project but in respect of any suggestions on Biodiversity offset it presents an opportunity.
5. In line with 8.1.2. Extent of Area to be Inundated: consider down-stream communities who use the river for various purposes, there are no bridges so any stream flow changes can significantly impact on them. This links to flooding due to climate change and dam management/operations. In Mthatha the Dam opening during the 2013 April floods negatively affected the down stream land users.
6. 9.3.4. Heritage Assessment: I refer you to The Distribution of Early Iron Age Settlements in Eastern Cape ... by J. Feely, etal

Thank you for sending me the information add me to your I&AP list

Regards

*Sizakele Gabula*

Regional Director: O. R. Tambo Region



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Building, P/Bag X 5029, Mthatha, South Africa,  
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Cell. No.: 0824614128

[www.dedea.gov.za](http://www.dedea.gov.za)

[email: Sizakele.gabula@deaet.ecape.gov.za](mailto:Sizakele.gabula@deaet.ecape.gov.za)

Kim

---

**From:** Kim [kim.d@iliso.com]  
**Sent:** 07 July 2014 11:15 AM  
**To:** 'msipesihle@gmail.com'  
**Subject:** RE: Mzimvubu Comments

Dear Magazi Sipesihle,

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There is no intention of physically touching or removing any graves during the Environmental Impact Assessment which is now being undertaken. It is now only necessary to determine, as accurately as possible, how many graves are affected and to estimate the extent of the work that will be necessary to relocate these graves after detailed social consultations. It is also necessary to estimate the cost of these activities so that a budget can be prepared for purposes of securing the necessary funds for the project.

Your concern has been recorded in our Issues and Responses Report.  
Please contact us if you have any further concerns.

Kind Regards,

Kim Dalhuijsen Bsc (Hons) Environmental  
Junior Environmental Scientist

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-----Original Message-----

**From:** sipesihle magazi [<mailto:msipesihle@gmail.com>]  
**Sent:** Saturday, June 14, 2014 8:32 PM  
**To:** [joseph.m@iliso.com](mailto:joseph.m@iliso.com)  
**Subject:**

comment from:Magazi sipesihle in Ntabelanga site.i want to know how EIA can manage to remove homes with graves? Because in our culture when we remove a grave we have to slaughter a cow and appologise to the unsistors.....

**APPLICATION FOR ENVIRONMENTAL AUTHORISATION  
FOR THE INFRASTRUCTURE COMPONENTS OF THE PROPOSED MZIMVUBU WATER  
PROJECT**

**BACKGROUND INFORMATION DOCUMENT**

DEA Reference: Dam Construction: 14/12/16/3/3/2/677, Security generation: 14/12/16/3/3/2/678, and Road Infrastructure: 14/12/16/3/3/1/1169

Please complete and return to Kim Dalhuijsen or Joseph Masilela at ILISO Consulting (Pty) Ltd

ILISO Consulting (Pty) Ltd  
PO Box 68735  
Highveld  
0169

Tel: (012) 685 0900  
Fax: 012 665 1886  
E-mail: kim.d@iliso.com  
Joseph.m@iliso.com

	Madam		Kholosa
	L. K.		Langabi
	Iliso Project		
	P.O Box 218		5480
	Maclear		
	0739602134		N/A
	0718354902		
	N/A		

Comments: (You may use a separate sheet if necessary)

Please state your interest in this project (i.e. Affected landowner, Contractor seeking work opportunity etc.)

That project to me is proud of my job to that support  
My family home that get away poverty to that a  
better job opportunities that me to enjoyment.

The following issues must be considered during this EIA.

Once approval for the scoping phase has been acquired  
the EIA phase will commence. A draft EIR will be made available  
to all stakeholders who have registered as I&As for a public comment period.

Please add the following individual(s) to your mailing list.

Sizabantu Store  
Maclear P.O. Box 218  
5480 Maclear 5480

We thank you for your participation!

**APPLICATION FOR ENVIRONMENTAL AUTHORISATION  
FOR THE INFRASTRUCTURE COMPONENTS OF THE PROPOSED MZIMVUBU WATER  
PROJECT**

**BACKGROUND INFORMATION DOCUMENT**

DEA Reference: Dam Construction: 14/12/16/3/3/2/677, Electricity generation: 14/12/16/3/3/2/678, and Road Infrastructure: 14/12/16/3/3/1/1169

Please complete and return to Kim Dalhuijsen or Joseph Masifela at ILISO Consulting (Pty) Ltd

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Title	MR	First Name	SWUYILE
Initials	S	Surname	MAZEKE
Organisation			
Postal Address	P.O. Box 3024	Postal Code	5480
Street Address	MACTAR		
Tel Number		Fax Number	
Cell Number	0731588477		
Email	Swuyilemzks@gmail.com		

Comments: (You may use a separate sheet if necessary)

Please state your interest in this project (i.e. Affected landowner, Contractor seeking work opportunity etc.)

My main interest is to be part and parcel of this huge project and I think I can add value by giving my ideas and knowledge, by my knowledge I will be giving back to the community

The following issues must be considered during this EIA.

Since this is one of the biggest projects in our district so many factors need to be taken care of, factors such as :-  
The trees that are surrounding the Tsitsa river which may at some point pollute the water. Before we can get started with the dam, we need to get rid of the trees.

Please add the following individual(s) to your mailing list.

We thank you for your participation!

I would love to get more responses via e-mail

**APPLICATION FOR ENVIRONMENTAL AUTHORISATION  
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Tel: (012) 685 0900  
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E-mail: kim.d@iliso.com  
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Title	MR	First Name	SWUYILE
Initials	S	Surname	MAZEKE
Organisation			
Postal Address	P.O. Box 3024	Postal Code	5480
Street Address	MAKLEAR		
Tel Number		Fax Number	
Cell Number	073158847		
Email	Swuyilemzks@gmail.com		

Comments: (You may use a separate sheet if necessary)

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