

<b>Mzimvubu Water Project: Environmental Impact Assessment Minutes of Public Meetings</b>
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<b>Venue</b>	Thambekeni: Headman MtheThunzima's household	<b>Date</b>	24-11-2014	<b>Time</b>	10:30
<b>Facilitator</b>	Terry Calmeyer	<b>Minutes prepared by</b>	Kim Dalhuijsen		

**PRESENT**

Please see attendance register attached in Appendix 1.

Item	Description
<b>1.</b>	<b>Welcome</b>
1.1	The community opened with song and a prayer. The headsman welcomed the team. Mrs Terry Calmeyer thanked the Chief, Headsman, and elders of the community for the opportunity to have this meeting.
1.2	Mr Menard Mugumo gave an introduction to the Mzimvubu Water Project and the Environmental Impact Assessment that is currently underway. He explained that before construction of the dam can commence, Environmental Authorisation is required.
<b>2.</b>	<b>Purpose of the Meeting</b>
	Mrs Lea Muruven explained that the purpose of the meeting is to inform the people of what has been happening as part of the environmental Impact Assessment and to get feedback from the community.
<b>3.</b>	<b>Presentation</b>
3.1	<p>Mrs Muruven showed the location of the study area, with aid of a map showing the District and Local Municipalities. She presented the following:</p> <ul style="list-style-type: none"> <li>• There will be two dams constructed – Ntabelanga and Lalini Dams;</li> <li>• The dams will provide drinking water and supply water for irrigation (farming);</li> <li>• Lalini Dam will be used for hydropower generation that will be fed into the Eskom grid;</li> <li>• The water from the dams will be piped to reservoirs. The Municipalities will be responsible to supply the water to the communities;</li> <li>• New roads will be built to replace those that will be inundated and other existing roads will be upgraded;</li> <li>• In order to build the dam, wall rock, cement, sand and water will be needed. This will be taken from quarries within the dam basin;</li> <li>• Construction will take approximately three years;</li> <li>• Flow gauging weirs to be constructed to measure the river flow rate;</li> <li>• As part of the Environmental Impact Assessment, specialist studies that were done;</li> <li>• The processes and stages of the Environmental Impact Assessment;</li> <li>• The public participation process;</li> <li>• The Local facilitators are available if anyone wants information on the project;</li> <li>• The Environmental Management Programme;</li> <li>• The Relocation Policy Framework;</li> </ul>

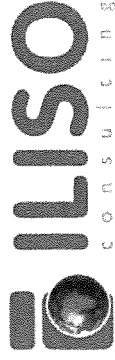
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Item	Description
3.2	<ul style="list-style-type: none"> <li>• Encouraging Employment in the communities has been recommended in the report;</li> <li>• Various mitigation measures; and</li> <li>• Offsets were considered.</li> </ul> <p>The main impacts identified during the Environmental Impact Assessment are as follows:</p> <ul style="list-style-type: none"> <li>• Impact on Plants and Animals;</li> <li>• Impact on Rivers and wetlands;</li> <li>• Social impacts - health, access to services, structures and resources;</li> <li>• Economic impacts: <ul style="list-style-type: none"> <li>- Job creation;</li> </ul> </li> <li>• Heritage and culture: <ul style="list-style-type: none"> <li>- Archaeology and graves;</li> </ul> </li> <li>• Socio-economic impacts: <ul style="list-style-type: none"> <li>- Ntabelanga Dam: 62 structures and 20 km<sup>2</sup> of cultivated land will be lost;</li> <li>- Lalini Dam: 12 structures and 7 km<sup>2</sup> of cultivated land will be lost;</li> <li>- 124 structures potentially affected by the water pipelines;</li> <li>- Construction workers moving into the area may disrupt local communities; and</li> <li>- Employment will be a positive impact (approximately 2300 jobs will be created by the Ntabelanga Dam and a further 1300 jobs on farms in Tsolo).</li> </ul> </li> </ul>
3.3	<p>Going forward:</p> <ul style="list-style-type: none"> <li>• Draft Environmental Impact Report available for public comment from 24 November 2014 to 12 January 2015;</li> <li>• Public meetings are being held around the study area for the week of 24 – 28 November 2014;</li> <li>• All comments can be sent to the local facilitators or to ILISO Consulting (Pty) Ltd by 12 January 2014; and</li> <li>• The Final Environmental Impact Report will be submitted to the DEA early 2015.</li> </ul>
3.4	<p>Conclusions:</p> <ul style="list-style-type: none"> <li>• The benefits on the communities are expected to be high;</li> <li>• Government parties and municipalities will need to come together to make this project a success;</li> <li>• The District Municipalities and not DWS will be responsible for distributing potable water to the communities; and</li> <li>• It is recommended that the project be authorised and that water be subsidized to allow the basic water needs.</li> </ul>
<b>4.</b>	<b>Discussion</b>
4.1	<p>A gentleman asked where the dam would be built as he is unsure if the land that he uses will be affected. Mrs Calmeyer stated that this project is still in the planning phase. Once the project has been approved then a team of people will come and mark off the affected area on the ground with white pegs/stones. The consultants that will implement the project will further consult with the Chiefs, Headsmen and Ward Councillors to discuss affected structures, graves and grazing land and to prepare a plan to move the affected people. The principle is that no-one should be worse off after the project than they were before. Only once this has happened will the affected people be directly</p>

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Item	Description
	consulted with about their houses and the proposed replacement houses. Mrs Calmeyer concluded that this process can only commence once the inundated area has been confirmed and marked off on the ground.
4.2	Headman MtheThunzima stated that he was concerned about people coming into the area to work without explaining to anyone what they are doing. He requested that anyone coming into the village for work need to introduce themselves to the Headsmen and the Chief.
4.3	Mrs Noweziwe Mbasuana stated that if she is affected she would not be comfortable moving to another place. Mrs Calmeyer stated that the people who are to be moved will stay within the same village, only in a different location. If possible, people will not be moved out of the village they currently reside in.
4.4	Ms Nothembaletu stated that she is happy that someone has already told her that her house will be affected. Mrs Calmeyer explained that this has not yet been confirmed as the detailed design has not been completed. Affected households can only be confirmed when the affected area is marked on the ground, once the project has the necessary authorisations.
4.5	Chief Zithobile Matiwana stated that the community should not worry about being relocated at this stage and that they need to wait until the project is in the implementation stage and the team comes to tell them who will be affected.
4.6	Headman MtheThunzima thanked the team for the presentation and expressed appreciation for the job opportunities that the Ntabelanga Dam will create.
4.7	Mr Mzukisi expressed concern about the power generation and stated that the community already suffer from the many power failures. He asked what the impact of the hydropower generation would be. Mr Nomanqina explained that the hydropower generation should assist in bettering the Eskom system, thus reducing the power outages.
4.8	Mr Mzukisi expressed concern about the dam and asked what would happen if the dam overflowed. Mr Nomanqina stated that this would spill over the spill way into the existing river. The design of the dam wall will accomodate flooding.
<b>6.</b>	<b>Closure</b>
	Mrs Calmeyer thanked the community for their time and stated that other teams will come and speak to the community as the project develops. The meeting ended at 12h30.





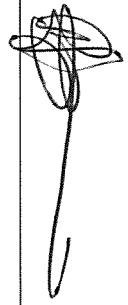



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**MZIMVUBU WATER PROJECT EIA – PUBLIC MEETING**  
**VENUE: Thambekeni, Headman Mthethunzima's Household**

24 November 2014, 10h00

NAME AND SURNAME	ORGANISATION	TEL	EMAIL	SIGNATURE
Kim Dalhuijsen	ILISO	012 685 0900	Kim.d@iliso.com	
des Mvudlan	"	✓	les@iliso.com	
Terry Cabmeyer	ILISO	or "	terry@iliso.com	
Merard Mlegume	DWS	082 804 5762	mlegume@dwg.gov.za	
SIYATHEMBA NENEEMBA	LOCAL FACILITATOR	0712329038	Siyathemba.neneemba@gmail.com	

Thandiso	T. E. Shams				
Nunikhaya Kofie				0736 971 922	
Simthembile MSA					
Maklona Daboti	M. Dabothi				
Mzukisi Rastie		"	"		
Mfundo Bura					
Mzabelwe					
U nonda Bula	non da Bula				
*U MAMKILE					

Sinan	Nemungge								
CZ MSI									
D STREBA									
Simplice Wostile	S. Wostile	//	//	//	//	//	//	//	
M. Msaba	M Sefar	//	//	//	//	//	//	//	
Mosakhele Raetjie	N. Raetjie	//	//	//	//	//	//	//	
Nowezile Maswana	N. Maswana	//	//	//	//	//	//	//	
Makasaba	M. Sgube	//	//	//	//	//	//	//	
N.	ZACKS	//	//	//	//	//	//	//	

Nothembu	Monyoko	11	11	
Nothotshi	Nondabula	11	11	
Mamsukane	Mpho Susanq	11	11	
Mthadile	madzhuhi	11	11	
Zinobile	Mphahane / Khulu	0735379450	N/A	
J. Hlanu	T. L.	0832407225	.	
Nonobeko	Nomanga	11	11	
Nothembu Utho	Nondabula	11	11	
Sindiso	Mcala	11	11	S. Mcala

Nozolile	rebutu	—	0736459774	<del>N.F.</del>
Nozabeuyq	Noniyaka	"	0736896050	<del>N. Noniyaka</del>
AKosinath	Kinaba	"	0732352152	<del>N.F.</del>
khathala	mhaswana	—	0736784989	K M
Contembeko	mtiyane	—	0604333248	J.M
nolungile	Vuthela	"	"	X
Lindine	mogxolo	"	0737770432	L.mogxolo
Novusile	Noniyaka	"	0782413549	N.F
Nothemabathu	Mzizi	"	0833526167	N.M



Nomfundo	Igkhulwini	"	0731113326	N.L.
faneka	nendobula	"	0733311197	F.M.
Yalezwa	Mbaswaga	"	0604454329	Y.M.
madonini	Dingabala	"	0735721000	
Mulani	Mafseba	"		T.M.
Siyanda	Iyholantsika	"	0756478401	S.T.
Anelo	Motwaba	"	0837344892	A.M.
Kounerhi	Indlimga		0767842190	K.S.
Mandisane	Mzodisane			M.M.

Nosakh'semi	Msadaq	0910485203	M M	
Alache	Xengye	0730263281	<del>A. Xengye</del>	


<b>Mzimvubu Water Project: Environmental Impact Assessment Minutes of Public Meetings</b>
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<b>Venue</b>	Mpetsheni Church	<b>Date</b>	24-11-2014	<b>Time</b>	14:00
<b>Facilitator</b>	Terry Calmeyer	<b>Minutes prepared by</b>	Kim Dalhuijsen		

**PRESENT**

Please see attendance register attached in Appendix 1.

Item	Description
<b>1.</b>	<b>Welcome</b>
1.1	The community opened with a song and prayer. Chief Matiwane welcomed the team. Mrs Terry Calmeyer introduced the project team.
1.2	Mr Menard Mugumo gave an introduction to the Mzimvubu Water Project and the Environmental Impact Assessment that is currently underway. He explained that before construction of the dam can commence, environmental authorisation is required.
<b>2.</b>	<b>Purpose of the Meeting</b>
	Mrs Lea Muruven explained that the purpose of the meeting is to inform the people of what has been happening as part of the Environmental Impact Assessment and to get feedback from the community.
<b>3.</b>	<b>Presentation</b>
3.1	<p>Mrs Muruven showed the location of the study area, with aid of a map showing the District and Local Municipalities. She presented the following:</p> <ul style="list-style-type: none"> <li>• There will be two dams constructed – Ntabelanga and Lalini Dams;</li> <li>• The dams will provide drinking water and supply water for irrigation (farming);</li> <li>• Lalini Dam will be used for hydropower generation that will be fed into the Eskom grid;</li> <li>• The water from the dams will be piped to reservoirs. The Municipalities will be responsible to supply the water to the communities;</li> <li>• New roads will be built to replace those that will be inundated and other existing roads will be upgraded;</li> <li>• In order to build the dam wall, rock, cement, sand and water will be needed. This will be taken from quarries within the dam basin;</li> <li>• Construction will take approximately three years;</li> <li>• Flow gauging weirs to be constructed to measure the river flow rate;</li> <li>• As part of the Environmental Impact Assessment, specialist studies that were done;</li> <li>• The processes and stages of the Environmental Impact Assessment;</li> <li>• The public participation process;</li> <li>• The Local facilitators are available if anyone wants information on the project;</li> <li>• The Environmental Management Programme;</li> <li>• The Relocation Policy Framework;</li> <li>• Encouraging Employment in the communities has been recommended in the report;</li> <li>• Various mitigation measures; and</li> </ul>

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Item	Description
3.2	<ul style="list-style-type: none"> <li>• Offsets were considered.</li> </ul> <p>The main impacts identified during the Environmental Impact Assessment are as follows:</p> <ul style="list-style-type: none"> <li>• Impacts on Plants and Animals;</li> <li>• Impacts on Rivers and wetlands;</li> <li>• Social impacts - health, access to services, structures and resources;</li> <li>• Economic impacts: <ul style="list-style-type: none"> <li>- Job creation;</li> </ul> </li> <li>• Heritage and culture: <ul style="list-style-type: none"> <li>- Archaeology and graves;</li> </ul> </li> <li>• Socio-economic impacts: <ul style="list-style-type: none"> <li>- Ntabelanga Dam: 62 structures and 20 km<sup>2</sup> of cultivated land will be lost;</li> <li>- Lalini Dam: 12 structures and 7 km<sup>2</sup> of cultivated land will be lost;</li> <li>- 124 structures potentially affected by the water pipelines;</li> <li>- Construction workers moving into the area may disrupt local communities; and</li> <li>- Employment will be a positive impact (approximately 2300 jobs will be created by the Ntabelanga Dam and a further 1300 jobs on farms in Tsolo).</li> </ul> </li> </ul>
3.3	<p>Going forward:</p> <ul style="list-style-type: none"> <li>• Draft Environmental Impact Report available for public comment from 24 November 2014 to 12 January 2015;</li> <li>• Public meetings are being held around the study area for the week of 24 – 28 November 2014;</li> <li>• All comments can be sent to the local facilitators or to ILISO Consulting (Pty) Ltd by 12 January 2014; and</li> <li>• The Final Environmental Impact Report will be submitted to the DEA early 2015.</li> </ul>
3.4	<p>Conclusions:</p> <ul style="list-style-type: none"> <li>• The benefits on the communities are expected to be high;</li> <li>• Government parties and municipalities will need to come together to make this project a success;</li> <li>• The District Municipalities and not DWS will be responsible for distributing potable water to the communities; and</li> <li>• It is recommended that the project be authorised and that water be subsidized to allow the basic water needs.</li> </ul>
<b>4.</b>	<b>Discussion</b>
4.1	<p>The Headsman asked when the construction would commence. Mr Mugumo stated that the requirements of the law state that construction cannot start until all the environmental authorisations have been granted by the Department of Environmental Affairs. The Environmental Impact Assessment is done in order to comply with South African legislation, and it is anticipated that the Environmental Impact Assessment process will be completed around February 2015. The Department of Environmental Affairs will then make a decision to give authorisation for the construction and then the public will be given an opportunity to appeal this decision. If there are difficult decisions then the construction process may be delayed, otherwise it is anticipated that implementation will commence around April 2015, which includes the detailed design, and construction may begin towards the end of 2015.</p>

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Item	Description
4.2	<p>Will there be training for the local people that have no skills? Mrs Calmeyer stated that Contractors will be appointed to build the dam and the Contractor will be required to employ as many local people as possible. Some jobs may be very specialized and these people will need to be brought in from other areas. The recommendation in the Environmental Impact Assessment is that the Department of Water and Sanitation and all other departments involved start planning what skills may be required and that they initiate training to prepare the local people to enable them to do the work when it becomes available.</p>
4.3	<p>Who will be responsible to pay for the people that need to be relocated? Mrs Calmeyer explained that any houses that need to be relocated because of the dam will be paid for by the Department of Water and Sanitation. These houses will be moved away from the water but not out of the village they currently reside in. Exactly where the houses are to be moved to, what type of house will be built and moving of any graves will still be agreed on with the traditional leaders, municipalities and the family. This can only be done once the project is in the implementation phase.</p>
4.4	<p>Who will be responsible for the funding of the farms? Mr Mugumo responded that National Treasury is the funder. The Department of Water and Sanitation has requested that funding be provided in the form of a grant. The Department of Water and Sanitation has requested additional funding from National Treasury to fund the development of the farms. This funding will cover the day-to-day operation costs of the farms for a period of time, after which it is expected that the farmer will be able to cover the costs.</p>
4.5	<p>It was asked how the community would get water, and if each house would get a tap or if the water supply would be based on the RDP standards. Mr Mugumo stated that the Department of Water and Sanitation is providing enough water for households, based on 60 l per person. This is above the RDP standards. Mr Mugumo added that the implementation of the water delivery to the households is the responsibility of the District Municipality, and the Department of Water and Sanitation is only responsible for the transportation of the water to reservoirs. Additional funding has been applied for from National Treasury for the District Municipality work that needs to be done to supply the water from the reservoirs to the households.</p>
4.6	<p>Will new farms would be developed in place of the farms that will be lost? Mrs Calmeyer stated that if the individuals can no longer farm on the piece of land they had before the dam, this land will be replaced as part of the project. This still requires further discussion with the Chiefs, Municipalities and Ward Councillors.</p>
4.7	<p>What will happen to the graves that are affected? Mrs Calmeyer stated the families, Chiefs and ward councillors will be consulted and agree to the process for moving of affected graves. This will only happen during the second half of 2015.</p>
4.8	<p>When will the next meeting be? Mrs Calmeyer explained that there are various meetings happening around the project area this week. All the comments and concerns raised at the public meetings will be included in the Final Environmental Impact Report and submitted to the Department of Environmental Affairs. There will not be any more meetings for the EIA as there will not be any new information available. Once a decision has been made by the Department of Environmental Affairs, advertisements in the newspaper will be published and notification letters will be distributed among the communities to let the people know the decision. The next meetings will only happen when the Department of Water and Sanitation appoints new consultants to start implementation of the project. This will be in the last</p>

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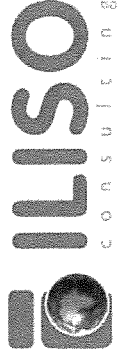
Item	Description
	half of 2015.
<b>5.</b>	<b>Closure</b>
5.1	Mrs Calmeyer thanked the community for their time and stated that the people asked good questions. She thanked the community for being a positive part of this project.
5.2	Chief Matiwane thanked the team for coming to talk to the community. The meeting ended at 16h00.

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water & sanitation

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA



**MZIMVUBU WATER PROJECT EIA – PUBLIC MEETING**

**VENUE: Mpetseni, Headman Sidumo's Household**  
Mpetseni Chukh

24 November 2014, 14h00

NAME AND SURNAME	ORGANISATION	TEL	EMAIL	SIGNATURE
Kim Dalhuijsen	ILISO	012 6850900	Kim.d@iliso.com	
Lea Muruvu	"	"	Lea@iliso.com	
Terry Calmeyer	"	"	terry@iliso.com	
Menard Miquena	DWS	082 804 5762	miquena@dws.gov.za	
Z. Maitse	T/holder	073 537 9450	M/A	




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Siphilele Mngagaga	Siphilele Mngagaga	0837391266				SM
Siphilele Mngagaga	Mpetsheni	0785062128				<del>SM</del>
Yandisa Madyosi	Mpetsheni	0837391266				Y.M
Sphenathikongshi	Mpetsheni					SB
Siybulele Masejwe	Mpetsheni	0785814121				<del>SM</del>
Mbuliso MASHWAZI	Mpetsheni	0738362231				ED
Vukhuthu	Mpetsheni					V.M.K
Philisile Qhoyi	Mpetsheni	0838829172				P.Qhoyi
Zokisani MASHWAZI	Mpetsheni	0734452926				Z.S.A.
Siphilele Mngagaga	Mpetsheni					

John Duse	mpetsheni	0735058101	
SITSOBONER	mpetsheni		X
M. MASASA	mpetsheni	0733995209	
M-Dingalabulu	mpetsheni	0835213404	Dinga
E ganeko	mpetsheni	0834224416	Eganeko
Thembeki Lelusawa	mpetsheni		It
Tumamo Diodo	mpetsheni		TA
Enzile Dingalabulu	mpetsheni	079109167	
NAyENZEKE S.BAN	mpetsheni		

Chiliza Snyanda	Mpetsheni	0780624536			Snyanda
Foselina Mbangende	Mpetsheni	—			P. M
Mabukwana Gooja	Mpetsheni	—			M. M
Madys. J	Mpetsheni	—			W. M. J
Dagambile Nkokomfi	Mpetsheni	—			Snyanda
Mawethu Mhinyana Sgi Mpetsheni		—			M. M. J
Dumle Nosambele	Mpetsheni	0833360516			A. S. S. S. S.
N. Chiliza	mpetsheni	0735916687			W. Chiliza
Nancedula Lambé	Mpetsheni	0733033543			N. Snyanda

Nolasti GOUZA	Mpetsheni	-			X
Nothabele Dingoliba	Pipetsheni	073 6582665			N.D
Siyathumba Nwamba	Thiso	071 2329038	Siyathumba.com		
Mfundo mgqeta	Sibomvaneni				
Nomenda Jumbela	Sibomvaneni	078 6701356			N. Jumbela
M GOUZA	METSHENI	083 586 2075			
V. NOMANQINA	FACILITATOR	0846753719			V. Nomanqina


<b>Mzimvubu Water Project: Environmental Impact Assessment Minutes of Public Meetings</b>
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<b>Venue</b>	Shukunxa	<b>Date</b>	25-11-2014	<b>Time</b>	10:30
<b>Facilitator</b>	Terry Calmeyer	<b>Minutes prepared by</b>	Kim Dalhuijsen		

**PRESENT**

Please see attendance register attached in Appendix 1.

Item	Description	Action
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1.1	The Chief opened the meeting with a prayer. Mrs Calmeyer introduced the team.	
<b>2.</b>	<b>Purpose of the Meeting</b>	
	Mrs Lea Muruven explained that the purpose of the meeting is to inform the people of the findings of the Environmental Impact Assessment and to get feedback from the community.	
<b>3.</b>	<b>Presentation</b>	
3.1	<p>Mrs Muruven showed the location of the study area, with aid of a map showing the District and Local Municipalities. She presented the following:</p> <ul style="list-style-type: none"> <li>• There will be two dams constructed – Ntabelanga and Lalini Dams;</li> <li>• The dams will provide drinking water and supply water for irrigation (farming);</li> <li>• Lalini Dam will be used for hydropower generation that will be fed into the Eskom grid;</li> <li>• The water from the dams will be piped to reservoirs. The Municipalities will be responsible to supply the water to the communities;</li> <li>• New roads will be built to replace those that will be inundated and other existing roads will be upgraded;</li> <li>• In order to build the dam, wall rock, cement, sand and water will be needed. This will be taken from quarries within the dam basin;</li> <li>• Construction will take approximately three years;</li> <li>• Flow gauging weirs to be constructed to measure the river flow rate;</li> <li>• As part of the Environmental Impact Assessment, specialist studies that were done;</li> <li>• The processes and stages of the Environmental Impact Assessment;</li> <li>• The public participation process;</li> <li>• The Local facilitators are available if anyone wants information on the project;</li> <li>• The Environmental Management Programme;</li> <li>• The Relocation Policy Framework;</li> <li>• Encouraging Employment in the communities has been recommended in the report;</li> <li>• Various mitigation measures; and</li> <li>• Offsets were considered.</li> </ul>	

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Item	Description	Action		
3.2	<p>The main impacts identified during the Environmental Impact Assessment are as follows:</p> <ul style="list-style-type: none"> <li>• Impacts on Plants and Animals;</li> <li>• Impacts on Rivers and wetlands;</li> <li>• Social impacts - health, access to services, structures and resources;</li> <li>• Economic impacts: <ul style="list-style-type: none"> <li>- Job creation.</li> </ul> </li> <li>• Heritage and culture: <ul style="list-style-type: none"> <li>- Archaeology and graves.</li> </ul> </li> <li>• Socio-economic impacts: <ul style="list-style-type: none"> <li>- Ntabelanga Dam: 62 structures and 20 km<sup>2</sup> of cultivated land will be lost;</li> <li>- Lalini Dam: 12 structures and 7 km<sup>2</sup> of cultivated land will be lost;</li> <li>- 124 structures potentially affected by the water pipelines;</li> <li>- Construction workers moving into the area may disrupt local communities; and</li> <li>- Employment will be a positive impact (approximately 2300 jobs will be created by the Ntabelanga Dam and a further 1300 jobs on farms in Tsolo).</li> </ul> </li> </ul>			
3.3	<p>Going forward:</p> <ul style="list-style-type: none"> <li>• The Draft Environmental Impact Report is available for public comment from 24 November 2014 to 12 January 2015;</li> <li>• Public meetings are being held around the study area for the week of 24 – 28 November 2014;</li> <li>• All comments can be sent to the local facilitators or to ILISO Consulting (Pty) Ltd by 12 January 2014; and</li> <li>• The Final Environmental Impact Report will be submitted to the DEA early 2015.</li> </ul>			
3.4	<p>Conclusions:</p> <ul style="list-style-type: none"> <li>• The benefits on the communities are expected to be high;</li> <li>• Government parties and municipalities will need to come together to make this project a success;</li> <li>• The District Municipalities and not the Department of Water and Sanitation will be responsible for distributing potable water to the communities; and</li> <li>• It is recommended that the project be authorised and that water be subsidized to allow the basic water needs.</li> </ul>			
<b>4.</b>	<b>Discussion</b>			
4.1	<p>Mr Amos asked if Shukunxa would be affected by the dam and what the process would be for the relocation of people and graves. Mrs Calmeyer explained that this project is currently in the planning phase, only once environmental authorisation is obtained can the project be implemented. A new team will come and survey the valley and mark off the area that will be affected by the dam, only then will the people know if they will be affected by the water. If anyone's house is affected then these people will be relocated within their current village and the Department of Water and Sanitation will pay for building the new house. A meeting will be held at a later stage with the municipalities, ward councillors, chiefs and representatives of the community to agree on the process for relocation and affected individuals will get a choice over what the house looks like. Likewise, a meeting will be held to discuss the rituals done for graves and the relocation process to be followed will also be discussed. This will only happen, earliest, during the second half of 2015, and this could be further delayed.</p>			
<small>H:\Projects\1300113 - Mzimvubu Water Project\Public Participation\Meetings\Public Meetings Nov 2014\Shukunxa 25 Nov\Minutes from Shukunxa Public meeting (25 Nov 10h00) - Final.docx 2/6/2015 14:16:31 T05REV00</small>				
DOCUMENT NO. 1300113	REV		DATE 2014-11-25	PAGE 2 OF 4

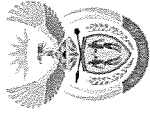
Item	Description	Action
4.2	It was asked if the team was aware of the danger of flooding to the community. Mr Mugumo explained that part of the design looked at the hydrology of the Mzimvubu catchment and the largest flood possibilities have been considered in the design of the dam.	
4.3	It was asked what would happen to the water if the dam flooded. Mrs Calmeyer explained that the dam wall would be built with a spillway. When the dam gets to a certain level the water would spill over the wall and flow down the river, as it usually would have.	
4.4	There are currently plants near the river that are being used by the community for trade (making brooms and mats etc.). It was asked if this had been considered by the team. Mrs Calmeyer stated that this has been taken into account and will be further discussed when the relocation of people commences. This is to be included in the report and included in the implementation of the project.	
4.5	Mr Gwija asked how many houses will be affected in Shukunxa. Mrs Calmeyer stated that the dam details have not yet been finalised, however, most of the village will not be affected by the dam. A few households on the edge may need to be moved further up into the village.	
4.6	Mr Gwija asked if the people would benefit by getting drinking water from the dam. Mrs Calmeyer stated that the dam water would be cleaned at a water treatment works and then pumped to reservoirs. Mr Mugumo added that the project will bring water to the villages, however the Department of Water and Sanitation is only mandated to take the water to the reservoirs, the District Municipality will be responsible to take the water to the households. He concluded that Government has allocated responsibility to the different spheres of government.	
4.7	Concern that information given later will differ from what was presented at this meeting.	
4.8	Will there be a sanitation component to this project? Mr Mugumo stated that sanitation is the responsibility of the District and Local Municipalities. This project would provide the water for sanitation facilities, but it is not the responsibility of the Department of Water and Sanitation to provide sanitation facilities.	
4.9	Mr Mango asked where the dam would be built. Mrs Calmeyer stated that this can be shown on the map, however, it has not yet been marked on the ground. The dam wall location is far from here, near Siquhungwini and the water will then flood in this direction. The construction closest to Shukunxa will be upgrading of the roads.	
4.10	It was asked what would happen to the access bridge. Mrs Calmeyer stated that the existing bridge will be under water, the Department will, however, build a new bridge below the dam wall as well as new roads and upgrade roads to provide access.	
4.11	It was stated that the community will be disadvantaged because of the lack of access to the bridge and the distance will be further. Mrs Calmeyer stated that a new road will be built to the new bridge. She stated that she would find out the distance from this village to Tsolo and Maclear to investigate if it would be further and make sure that the people can get to the main towns.	TC
4.12	The community stated that the bridge and the roads must be built before the old bridge is	

DOCUMENT NO. 1300113	REV		DATE 2014-11-25	PAGE 3 OF 4
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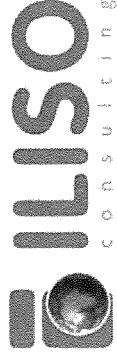
Item	Description	Action
4.13	<p>flooded and that proper consultation with the communities will be needed before the new bridge is built. Mrs Calmeyer stated that the new roads and bridge will definitely be built before the dam floods as they must provide the people with access.</p> <p>The Chief stated that he is pleased with this consultation and that they have been approached and informed upfront about the dam and what the plans are.</p>	
<b>6.</b>	<b>Closure</b>	
6.1	Mr Mugumo thanked the community for their time and stated that this consultation is an important part of the planning and design of the dam. On behalf of the Department of Water and Sanitation he thanked the community for all their input and stated that all their concerns would be considered.	
6.2	The meeting ended at 12h10.	

<p><b>DOCUMENT NO.</b> 1300113</p>	<p><b>REV</b></p>		<p><b>DATE</b> 2014-11-25</p>	<p><b>PAGE</b> 4 OF 4</p>
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water & sanitation

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA



**MZIMVUBU WATER PROJECT EIA – PUBLIC MEETING**

**VENUE: Shukunxa, Shukunxa Junior Secondary School**

**25 November 2014, 10h00**

NAME AND SURNAME	ORGANISATION	TEL	EMAIL	SIGNATURE
Kim Dalhuijsen	ILISO	02 6850900	kim.d@iliso.com	
Terry Calmeyer	ILISO	012 6850900	terry@iliso.com	
lea Muruven	ILISO	013 729 0101	lea@iliso.com	
J. NONDABA	Shukunxa	08348789 43	N/A	
Siyathamba Nenebba	ILISO	071 2329 038	Siyathamba.nenebba@gmail.com	

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28° 34' 40.52"E

Merard Mlegene	Arus	082 80x5162	nugwenen@orange.za	
W.S. Mabuswa	Nqokakagani			W.S Mabuswa
BANAKOORONGO NQOKAKAGANI		0785394473	BX 260	BM cesar
M Mabuswa	Nqokakagani	—		MPS
L. Saleen. Shukunxa				lms
Mkhanyelwa Mgaboshe	Pu Kuxa	—		X
Zib. Mabuswa	Shukunxa	082-0641767		S.M.
Johnson	Shukunxa	—		X
M. Mabuswa	Nqokakagani			MPS

At. Mbuyisi, Dinara	Shukunxa	0780611645	—	<del>M S D</del>
M Manga	Ngakagani	0710533160		Mng
S Mgabane	Shukunxa	0810932609		S Mgabane
Skippers, medele	Shukunxa	0765996502		<del>SK</del>
S. W. Somaga	Shukunxa	0887661161		S W
Maphutha Nongavule	Shukunxa	—		X
Noponethi Mthiyane	Shukunxa	—		X
M Mkhambeni	Shukunxa	—		MM
Mankothwe Phahuti	Shukunxa	—		X

Cengile Siphwazo	Shukunxa	-	-	Uk
Amos MABESWA	Shukunxa	072745534	-	Uk
Robert S Xekeshe	Shukunxa	-	-	S R Xekeshe
Victoria Gungane	Shukunxa	0734091709	-	V.V. Gungane
Alfred Gwija	SHUKUNXA	0788199756	-	efhd
Maphe Phiso	✓✓✓	✓✓✓	-	WPA
S. Maviso	NGAAGANI	0733400712	-	S. Maviso
O. phatjhe	ngobakweni	-	-	Phatjhe
N. MABESWANE	NGRO.KAENI	0730845896	-	N. MABESWANE

N. MBOIŠHWA	SHUKUNXA	0768734816	#
N. MFOLE	SHUKUNXA	0828423319	MFO
B gangyazo	SHUKUNXA		BGE
NOHKE CIGAMA	SHUKUNXA	0836880539	<del>NOH</del>
M MKUDY	luxeniša	0781316810	M MKUDY
A SITHILO	luxeni	0780436412	SITHILO
J.N. NONDABA	luxeni	0717708445	J.N.
Madebata Nongakule	luxeni		m. ngakule
Mthyanelindile Mba	luxeni	07227145675	MTH

Majili FENTE	SHUKUNXA	0187898873		X
NYAMEKO THWAZI	SHUKUNXA	0631448528		<del>NA</del>
J. NTSHAWU	SHUKUNXA	079157666		NY
M.N. Nojoko	SHUKUNXA			<del>NA</del>
Hanni bt on <del>Ngqo</del> Ngqo Kageni	Engakageni	07858762		<del>NA</del>
Mendila Meka	Engakageni	0718081031		N.A.E
L. Sonisca	Shukunxa	0710037566		<del>NA</del>
Ncedwe hele	Shukunxa	-		N
N mbiana	Shukunxa	07150222101		<del>NA</del>

Mokuphumi Golebe	Shuruxa	0731796580	N Golebe
Mant. Bhave nyaka	Shukunxa		X
NONANQINA	FACILITATOR	0846753719	<del>Shuruxa</del>





<b>Mzimvubu Water Project: Environmental Impact Assessment Minutes of Public Meetings</b>
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<b>Venue</b>	Ngxoto	<b>Date</b>	25-11-2014	<b>Time</b>	14:00
<b>Facilitator</b>	Terry Calmeyer	<b>Minutes prepared by</b>	Kim Dalhuijsen		

**PRESENT**

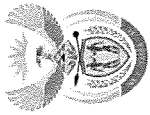
Please see attendance register attached in Appendix 1.

Item	Description
<b>1.</b>	<b>Welcome</b>
	<p>Clr Mfecane welcomed everyone to the meeting and asked the community to open the meeting with a prayer. Chief Mabandla opened the meeting. Mrs Calmeyer introduced the team.</p>
<b>2.</b>	<b>Purpose of the Meeting</b>
	<p>Mrs Lea Muruven explained that the purpose of the meeting is to inform the people of the findings of the Environmental Impact Assessment and to get feedback from the community.</p>
<b>3.</b>	<b>Presentation</b>
3.1	<p>Mrs Muruven showed the location of the study area, with aid of a map showing the District and Local Municipalities. She presented the following:</p> <ul style="list-style-type: none"> <li>• There will be two dams constructed – Ntabelanga and Lalini Dams;</li> <li>• The dams will provide drinking water and supply water for irrigation (farming);</li> <li>• Lalini Dam will be used for hydropower generation that will be fed into the Eskom grid;</li> <li>• The water from the dams will be piped to reservoirs. The Municipalities will be responsible to supply the water to the communities;</li> <li>• New roads will be built to replace those that will be inundated and other existing roads will be upgraded;</li> <li>• In order to build the dam wall, rock, cement, sand and water will be needed. This will be taken from quarries within the dam basin;</li> <li>• Construction will take approximately three years;</li> <li>• Flow gauging weirs to be constructed to measure the river flow rate;</li> <li>• As part of the Environmental Impact Assessment, specialist studies that were done;</li> <li>• The processes and stages of the Environmental Impact Assessment;</li> <li>• The public participation process;</li> <li>• The Local facilitators are available if anyone wants information on the project;</li> <li>• The Environmental Management Programme;</li> <li>• The Relocation Policy Framework;</li> <li>• Encouraging Employment in the communities has been recommended in the report;</li> <li>• Various mitigation measures; and</li> <li>• Offsets were considered.</li> </ul>

<b>DOCUMENT NO.</b> 1300113	<b>REV</b>	<b>DATE</b> 2014-11-25	<b>PAGE</b> 1 OF 3
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Item	Description			
3.2	<p>The main impacts identified during the Environmental Impact Assessment are as follows:</p> <ul style="list-style-type: none"> <li>• Impacts on Plants and Animals;</li> <li>• Impacts on Rivers and wetlands;</li> <li>• Social impacts - health, access to services, structures and resources;</li> <li>• Economic impacts: <ul style="list-style-type: none"> <li>- Job creation.</li> </ul> </li> <li>• Heritage and culture: <ul style="list-style-type: none"> <li>- Archaeology and graves.</li> </ul> </li> <li>• Socio-economic impacts: <ul style="list-style-type: none"> <li>- Ntabelanga Dam: 62 structures and 20 km<sup>2</sup> of cultivated land will be lost;</li> <li>- Lalini Dam: 12 structures and 7 km<sup>2</sup> of cultivated land will be lost;</li> <li>- 124 structures potentially affected by the water pipelines;</li> <li>- Construction workers moving into the area may disrupt local communities; and</li> <li>- Employment will be a positive impact (approximately 2300 jobs will be created by the Ntabelanga Dam and a further 1300 jobs on farms in Tsolo).</li> </ul> </li> </ul>			
3.3	<p>Going forward:</p> <ul style="list-style-type: none"> <li>• The Draft Environmental Impact Report is available for public comment from 24 November 2014 to 12 January 2015;</li> <li>• Public meetings are being held around the study area for the week of 24 – 28 November 2014;</li> <li>• All comments can be sent to the local facilitators or to ILISO Consulting (Pty) Ltd by 12 January 2014; and</li> <li>• The Final Environmental Impact Report will be submitted to the DEA early 2015.</li> </ul>			
3.4	<p>Conclusions:</p> <ul style="list-style-type: none"> <li>• The benefits on the communities are expected to be high;</li> <li>• Government parties and municipalities will need to come together to make this project a success;</li> <li>• The District Municipalities and not the Department of Water and Sanitation will be responsible for distributing potable water to the communities; and</li> <li>• It is recommended that the project be authorised and that water be subsidized to allow the basic water needs.</li> </ul>			
<b>4.</b>	<b>Discussion</b>			
4.1	<p>Chief Mabandla asked what procedure would be followed for the relocation of households. Mrs Calmeyer explained that this project is currently in the planning phase. Only once environmental authorisation is obtained can the project be implemented. A new team will come and survey the valley and mark off the area that will be affected by the dam. Then the people will know if they will be affected or not. If anyone's house is affected then these people will be relocated within their current village and the Department of Water and Sanitation will cover the relocation costs. A meeting will be held at a later stage with the municipalities, ward councillors, chiefs and representatives of the community to come up with a process for the relocation. Only when this is in place will the affected individuals be approached to discuss what the new household should look like. Most of Ngxoto will not be impacted. Only a few structures nearest to the river may require relocation.</p>			
4.2	<p>Mr Chris Motsilili stated that people should be made aware of other dam projects that have been built</p>			
<small>H:\Projects\1300113 - Mzimvubu Water Project\Public Participation\Meetings\Public Meetings Nov 2014\Ngxoto 25 Nov\Minutes from Ngxoto Public meeting (25 Nov 14h00) - Final.docx 2/6/2015 14:15:40 T05REV00</small>				
<p><b>DOCUMENT NO.</b> 1300113</p>	<p><b>REV</b></p>		<p><b>DATE</b> 2014-11-25</p>	<p><b>PAGE</b> 2 OF 3</p>

Item	Description
	<p>where the process has been followed. This will ease the tension of the people. Mrs Calmeyer stated that there are other dams that have been built, such as de Hoop Dam and Spring Grove Dam and Mr Mugumo confirmed that the Department of Water and Sanitation will follow similar dam processes as was done for other projects.</p>
4.3	<p>It was asked if the site for the dam was chosen by the community or by the Department of Water and Sanitation. Mrs Calmeyer explained that this is a very big dam and The Department of Water and Sanitation investigated the entire Mzimvubu River catchment to identify where the topography is suitable to build a dam wall. There were 19 original sites that were looked at where the dam could be built. Some of the most important things that needed to be looked at were where the rock would be suitable to build a dam wall, where the least number of people would need to be relocated and where water could be distributed to the largest possible area. The Ntabelanga Dam wall location was carefully selected based on various conditions. Mr Mugumo added that this project that the Department of Water and Sanitation is implementing is part of a broader program to develop the Mzimvubu Catchment and there may be other projects that are implemented in the catchment in future.</p>
4.4	<p>It was asked what safety precautions would be implemented as the dam poses a safety risk for the people, children and animals that could potentially fall in. Mr Mugumo stated that the Department will build a fence around the dam wall and basin. The safety risks is a problem that has be noted and the Department will need to come up with safety measures. One of these is to create awareness within the communities about the dam. Mrs Calmeyer added that in the Environmental Impact Report recommends that areas be developed to allow animals access to drink from the dam.</p>
4.5	<p>This area has sections where the ground sinks considerably. It is recommended that this be noted when relocating people. They should not be moved into an area where the ground could potentially sink as this will destroy their structures and pose safety risks.</p>
4.6	<p>Chief Mabandla asked what the total area of the dam would be. Mrs Calmeyer stated that the dam would be 40 km<sup>2</sup>. Mr Mugumo stated that the Ntabelanga dam wall would be 67 m high and hold 490 million litres of water, making it the 10<sup>th</sup> largest dam in South Africa once completed.</p>
4.7	<p>Mr Motsilili stated that Province is aware of this project and are positive about it. He added that the local communities need to be proactive and get involved with the project early.</p>
4.8	<p>The community thanked the team for coming to communicate this with them and stated that they want to project to go ahead.</p>
<b>5.</b>	<b>Closure</b>
5.1	<p>Mr Mugumo thanked the community for their time and stated that this consultation is an important part of the planning and design of the dam. On behalf of the Department of Water and Sanitation he thanked the community for all their input and stated that all their concerns would be considered.</p>
5.2	<p>The meeting ended at 15h55.</p>



**MZIMVUBU WATER PROJECT EIA – PUBLIC MEETING**

**VENUE: Ngxoto, Ngxoto Junior Secondary School**

25 November 2014, 14h00

IGAMA NEFANE USUKAPHI cell phone

NAME AND SURNAME	ORGANISATION	TEL	EMAIL	SIGNATURE
Kim Dalhuijsen	ILISO	012 685 0900	Kim.d@iliso.com	
Lea Muruven	ILISO	012 685 0900	Lea@iliso.com	
Terry Calmeyer	ILISO	012 685 0900	Terry@iliso.com	
V. NOMANQINA	ILISO	0846753719	nomnangina@gmail.com	
SIYATHEMBA NENEMBA	ILISO	071 2329038	Siyathembambenemba@gmail.com	

Mogazi Thamsanqa	Sihlabeni	0737203190	<del>T. Mogazi</del>
Ngxuma Sinethemba	Sihlabeni	0736235770	S. Ngxuma
T. Mashalaba	( )		<del>M. Mashalaba</del>
ZUKISANI CACISO Mashalaba	Sihlabeni	0717579621	Z. CACISO
Shembete	Sihlabeni		<del>S. Shembete</del>
Nyukiso Mashalaba	Sihlabeni	0789040034	<del>Nyukiso Mashalaba</del>
Sibulelo Plakweni	Apple	0784866715	<del>S. Sibulelo</del>
Sibulelo Mogazi	Ngato	07880734668	<del>S. Sibulelo</del>
Zandile NDIZO NGATO		0781517289	Z. NDIZO

Mtshatanga Ncoane	Ngxoto	0716607938		N. Mtshatanga
Nouusipile Matimba	Ngxoto	0848051484		N. Matimba
Mtshatanga Sibusiso	Ngxoto	0837693248	Box 499 Maclear	M.S.
Nosibulise Dikani	Ngxoto	0731330344		<del>N. Dikani</del>
Cynthia Magazi	Ngxoto			C. Magazi
Nonyolweli Lingan	Ngxoto	0833528980		N. Lingan
Nathabile Nkomo	Ngxoto	0783257158		N. F. Nkomo
CHRIS MOTSILILI	ECSECC	0824193543		
M.G. MABANDLA	GREAT PLACE	0810583244	mteza39@gmail.com	

Nokheya MDzanga	Ngxoto	0735669010	MDzanga
Ntomofuthi MDzanga	Ngxoto	0780518039	N. mdzanga
Pitlisoa Ngzumza	Ngxoto	0604897756	P. Ngzumza
Nema-Africa Qitani	Ngxoto	0781338877	N. Qitani
Ntombesantle MFI	Ngxoto	0762921377	<del>N. MFI</del>
Norhahso	Egolo da	-	N. Goloda
Ntombokholo Dlokweni	Ngxoto	0786283485	AAA
Khwezi Lugenzi	Ngxoto	0825914965	<del>AAA</del>
Simen	Mekhanza	0735872668	<del>AAA</del>



CHARS MFICANUS	wkalk ob	0873050216	mbecanechnus@gmail.com	
VERE	Shabeni	-		X
N. Mdzanga	Ngxotho	083336709		N. Mdzanga
S. Papi	"	0829569903		S. Papi
Noncesu Dlokhle	Ngxotho			AN. Dlokhle
NOLUNTER MDZANGA	MSXotho	0732483471		n mdzanga
Nontheandapo Mtshabanga	Ngxoto	0810783502		n. Mtshabanga
Yoliswa Mti	Ngxotho	0735368678		Y. wuti
Nontobeko Kingani	Shabeni	0604924888		Kingani

BEAUFY A DOKWENI	NGXOTO A/A	0734083937	
MAMKORWE A M.	NGXOTO A/A	0837298362	
MOBUYISILE Lelo	NGXOTHE A/A	0736899569	
MFECAPE MABU	NGXOTHO A/A		
MUNYO MASHALABA	NGZLOTHU	073-650 4908	
SIYABUKHA LUNGANI	NGXOTHO	060 4924 868	

<b>Mzimvubu Water Project: Environmental Impact Assessment Minutes of Public Meetings</b>
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<b>Venue</b>	Tsolo	<b>Date</b>	26-11-2014	<b>Time</b>	11:00
<b>Facilitator</b>	Terry Calmeyer	<b>Minutes prepared by</b>	Kim Dalhuijsen		

**PRESENT**

Please see attendance register attached in Appendix 1.

Item	Description	Action
<b>1.</b>	<b>Welcome</b>	
1.1	ClIr Mfecane welcomed everyone to the meeting and asked the community to open the meeting with a prayer. Chief Matamadela opened the meeting. Mrs Calmeyer introduced the team.	
<b>2.</b>	<b>Purpose of the Meeting</b>	
	Mrs Lea Muruven explained that the purpose of the meeting is to inform the people of the findings of the Environmental Impact Assessment and to get feedback from the community.	
<b>3.</b>	<b>Presentation</b>	
3.1	<p>Mrs Muruven showed the location of the study area, with aid of a map showing the District and Local Municipalities. She presented the following:</p> <ul style="list-style-type: none"> <li>• There will be two dams constructed – Ntabelanga and Lalini Dams;</li> <li>• The dams will provide drinking water and supply water for irrigation (farming);</li> <li>• Lalini Dam will be used for hydropower generation that will be fed into the Eskom grid;</li> <li>• The water from the dams will be piped to reservoirs. The Municipalities will be responsible to supply the water to the communities;</li> <li>• New roads will be built to replace those that will be inundated and other existing roads will be upgraded;</li> <li>• In order to build the dam wall, rock, cement, sand and water will be needed. This will be taken from quarries within the dam basin;</li> <li>• Construction will take approximately three years;</li> <li>• Flow gauging weirs to be constructed to measure the river flow rate;</li> <li>• As part of the Environmental Impact Assessment, specialist studies that were done;</li> <li>• The processes and stages of the Environmental Impact Assessment;</li> <li>• The public participation process;</li> <li>• The Local facilitators are available if anyone wants information on the project;</li> <li>• The Environmental Management Programme;</li> <li>• The Relocation Policy Framework;</li> <li>• Encouraging Employment in the communities has been recommended in the report;</li> <li>• Various mitigation measures; and</li> <li>• Offsets were considered.</li> </ul>	

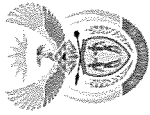
<b>DOCUMENT NO.</b> 1300113	<b>REV</b>	<b>DATE</b> 2014-11-26	<b>PAGE</b> 1 OF 3
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Item	Description	Action
3.2	<p>The main impacts identified during the Environmental Impact Assessment are as follows:</p> <ul style="list-style-type: none"> <li>• Impacts on Plants and Animals;</li> <li>• Impacts on Rivers and wetlands;</li> <li>• Social impacts - health, access to services, structures and resources;</li> <li>• Economic impacts: <ul style="list-style-type: none"> <li>- Job creation.</li> </ul> </li> <li>• Heritage and culture: <ul style="list-style-type: none"> <li>- Archaeology and graves.</li> </ul> </li> <li>• Socio-economic impacts: <ul style="list-style-type: none"> <li>- Ntabelanga Dam: 62 structures and 20 km<sup>2</sup> of cultivated land will be lost;</li> <li>- Lalini Dam: 12 structures and 7 km<sup>2</sup> of cultivated land will be lost;</li> <li>- 124 structures potentially affected by the water pipelines;</li> <li>- Construction workers moving into the area may disrupt local communities; and</li> <li>- Employment will be a positive impact (approximately 2300 jobs will be created by the Ntabelanga Dam and a further 1300 jobs on farms in Tsolo).</li> </ul> </li> </ul>	
3.3	<p>Going forward:</p> <ul style="list-style-type: none"> <li>• The Draft Environmental Impact Report is available for public comment from 24 November 2014 to 12 January 2015;</li> <li>• Public meetings are being held around the study area for the week of 24 – 28 November 2014;</li> <li>• All comments can be sent to the local facilitators or to ILISO Consulting (Pty) Ltd by 12 January 2014; and</li> <li>• The Final Environmental Impact Report will be submitted to the DEA early 2015.</li> </ul>	
3.4	<p>Conclusions:</p> <ul style="list-style-type: none"> <li>• The benefits on the communities are expected to be high;</li> <li>• Government parties and municipalities will need to come together to make this project a success;</li> <li>• The District Municipalities and not the Department of Water and Sanitation will be responsible for distributing potable water to the communities; and</li> <li>• It is recommended that the project be authorised and that water be subsidized to allow the basic water needs.</li> </ul>	
<b>4.</b>	<b>Discussion</b>	
4.1	<p>Mr Motsilili stated that sustaining community engagement is critical to the success of the project. The communities should be made ready for this big project through participation and engaging with them from an early stage will make them appreciate this project.</p>	
4.2	<p>Ms Siwahla asked how the attendance had been at the other meetings as there was poor attendance in the Tsolo meeting. She stated that this project is a good initiative for the OR Tambo District Municipality. Mrs Muruven stated that there has been very good attendance at all the previous meetings, with approximately 50 attendees per meeting. The Chiefs and headman as well as the Ward Councillors have been involved with the meeting arrangements.</p>	

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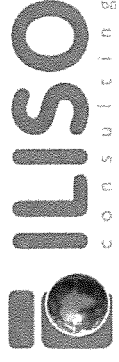
Item	Description	Action
4.3	<p>Ms Siwahla asked about the construction activity related to the building of the dam walls. She stated that it is good that many jobs will be created and asked if the local people would get priority and where the construction material would come from. Mr Mugumo stated that the Department of Water and Sanitation have a policy to promote and maximize the job opportunities to the local people as well as provide work for local companies, this will be addressed in the procurement process. The construction activities require various components, the dam wall for example is a specialised area, however, the construction of operation staff housing and upgrading of roads, to mention a few, could easily be sourced to local Contractors. As for the quarries, there are certain Environmental Impact Assessment recommendations and quality requirements and quarries have been identified within the dam basin that meets these requirements. If there are existing licensed quarry facilities that meet the quality standards they would be considered to assist with supplying material for the dam wall.</p>	ILISO
4.4	<p>Mr Tylili stated that there is a need for proper consultation, especially in the villages that neighbour the dam. He recommended that all the neighbouring villages be consulted with, not only the venues listed. He added that Mr Peter Madasa should be engaged with as he is in consultation with many of the traditional leaders. Mr Mugumo explained that due to the fast-tracked schedule for this project, due to its national importance, there was insufficient time to visit all the neighbouring villages. Mrs Calmeyer requested that the Mr Madasa's details be given to ILISO Consulting so that contact with him can be made.</p>	
4.5	<p>Ms Siwahla asked how far the supply area would be from Tsolo. Mrs Calmeyer stated that the supply area line, as shown on the maps has not been finalised, this is just for the planning of the project.</p>	
4.6	<p>It was stated that the Local Economic Development components of the municipalities need to be active in mobilising the Contractors and people to make them ready and prepared to tender for work on this project. The Department of Water and Sanitation will need to confirm that there is space for local entrepreneurs to participate in the construction of this project.</p>	
<b>5.</b>	<b>Closure</b>	
5.1	<p>Mrs Calmeyer thanked the attendees and stated they would have liked to have more people in the meeting. She stated that they are welcome to contact ILISO Consulting with any comments or concerns.</p>	
5.2	<p>Mr Chris Motsilili thanked everyone for attending. The meeting ended at 12h15.</p>	

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water & sanitation

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA







**MZIMVUBU WATER PROJECT EIA – PUBLIC MEETING**

**VENUE: Kaitini Laitini Junior Secondary School,  
Tsole ; Tsole Town Hall**

**26~~th~~ November 2014, 10h00**

NAME AND SURNAME	ORGANISATION	TEL	EMAIL	SIGNATURE
Kim Dalhuijsen	ILISO	012 685 0900	kim.d@iliso.com	
Terry Calmeyer	ILISO	012 685 0900	terry@iliso.com	
lea Muruven	ILISO	0737290101	lea@iliso.com	
V. NOMANQINA	ILISO	084 6753719	nomanqina@gmail.com	
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Menard Mugumono	AWS	082 804 5162	MUGUMONO@AWA- Gov. ZA	
CHRIS MOTSILILI	ECSECC	082 419 3543	chris@ecsecc.org	
MANDI SA SINAHLA	SHUKUNXA LOCATION	0836552596	sinahla@yahoo.com	
Mabuzo Uma	Mfabantu Location	0781281146	-	M. Umse
G. Tshik	Xhokoxa YA	0710647618	M/A	

<b>Mzimvubu Water Project: Environmental Impact Assessment Minutes of Public Meetings</b>
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<b>Venue</b>	Siqhungqwini	<b>Date</b>	26-11-2014	<b>Time</b>	14:00
<b>Facilitator</b>	Terry Calmeyer	<b>Minutes prepared by</b>	Kim Dalhuijsen		

**PRESENT**

Please see attendance register attached in Appendix 1.

Item	Description
<b>1.</b>	<b>Welcome</b>
	Chief Mabandla welcomed everyone to the meeting and asked the community to open the meeting with a prayer. He thanked ILISO for coming to the community to explain the Mzimvubu Water Project. Mrs Calmeyer introduced the team.
<b>2.</b>	<b>Purpose of the Meeting</b>
	Mrs Lea Muruven explained that the purpose of the meeting is to inform the people of the findings of the Environmental Impact Assessment and to get feedback from the community.
<b>3.</b>	<b>Presentation</b>
3.1	<p>Mrs Muruven showed the location of the study area, with aid of a map showing the District and Local Municipalities. She presented the following:</p> <ul style="list-style-type: none"> <li>• There will be two dams constructed – Ntabelanga and Lalini Dams;</li> <li>• The dams will provide drinking water and supply water for irrigation (farming);</li> <li>• Lalini Dam will be used for hydropower generation that will be fed into the Eskom grid;</li> <li>• The water from the dams will be piped to reservoirs. The Municipalities will be responsible to supply the water to the communities;</li> <li>• New roads will be built to replace those that will be inundated and other existing roads will be upgraded;</li> <li>• In order to build the dam wall, rock, cement, sand and water will be needed. This will be taken from quarries within the dam basin;</li> <li>• Construction will take approximately three years;</li> <li>• Flow gauging weirs to be constructed to measure the river flow rate;</li> <li>• As part of the Environmental Impact Assessment, specialist studies that were done;</li> <li>• The processes and stages of the Environmental Impact Assessment;</li> <li>• The public participation process;</li> <li>• The Local facilitators are available if anyone wants information on the project;</li> <li>• The Environmental Management Programme;</li> <li>• The Relocation Policy Framework;</li> <li>• Encouraging Employment in the communities has been recommended in the report;</li> <li>• Various mitigation measures; and</li> <li>• Offsets were considered.</li> </ul>

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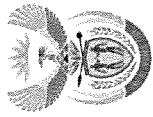
Item	Description			
3.2	<p>The main impacts identified during the Environmental Impact Assessment are as follows:</p> <ul style="list-style-type: none"> <li>• Impacts on Plants and Animals;</li> <li>• Impacts on Rivers and wetlands;</li> <li>• Social impacts - health, access to services, structures and resources;</li> <li>• Economic impacts: <ul style="list-style-type: none"> <li>- Job creation.</li> </ul> </li> <li>• Heritage and culture: <ul style="list-style-type: none"> <li>- Archaeology and graves.</li> </ul> </li> <li>• Socio-economic impacts: <ul style="list-style-type: none"> <li>- Ntabelanga Dam: 62 structures and 20 km<sup>2</sup> of cultivated land will be lost;</li> <li>- Lalini Dam: 12 structures and 7 km<sup>2</sup> of cultivated land will be lost;</li> <li>- 124 structures potentially affected by the water pipelines;</li> <li>- Construction workers moving into the area may disrupt local communities; and</li> <li>- Employment will be a positive impact (approximately 2300 jobs will be created by the Ntabelanga Dam and a further 1300 jobs on farms in Tsolo).</li> </ul> </li> </ul>			
3.3	<p>Going forward:</p> <ul style="list-style-type: none"> <li>• The Draft Environmental Impact Report is available for public comment from 24 November 2014 to 12 January 2015;</li> <li>• Public meetings are being held around the study area for the week of 24 – 28 November 2014;</li> <li>• All comments can be sent to the local facilitators or to ILISO Consulting (Pty) Ltd by 12 January 2014; and</li> <li>• The Final Environmental Impact Report will be submitted to the DEA early 2015.</li> </ul>			
3.4	<p>Conclusions:</p> <ul style="list-style-type: none"> <li>• The benefits on the communities are expected to be high;</li> <li>• Government parties and municipalities will need to come together to make this project a success;</li> <li>• The District Municipalities and not the Department of Water and Sanitation will be responsible for distributing potable water to the communities; and</li> <li>• It is recommended that the project be authorised and that water be subsidized to allow the basic water needs.</li> </ul>			
<b>4.</b>	<b>Discussion</b>			
4.1	<p>Chief Mabandla thanked the team for the presentation and the interpreter for his assistance. He stated that most people are interested in when construction will commence. Mr Mugumo responded that this project is currently in the planning phase. Only once environmental authorisation is obtained can the project be implemented. The Environmental Impact Assessment is still in progress and is expected to be completed in February 2015. Once the reports have been finalised and submitted to the Department of Environmental Affairs then they will make a decision according to the South African law. It is expected that a decision will be received in April-May 2015. An appeal period must then be allowed for the final decision. Once authorisation is obtained then the Department of Water and Sanitation will start implementation. The implementation phase starts with the detailed design of the project and it is anticipated that construction should commence by the end of 2015.</p>			
4.2	<p>Chief Mabandla asked about the upgrades of the roads and which ones would be upgraded. Mrs</p>			
<small>H:\Projects\1300113 - Mzimvubu Water Project\Public Participation\Meetings\Public Meetings Nov 2014\Sichungqweni 26 Nov\Minutes from Sichungqweni Public meeting (26 Nov 14h00) - Final.docx 2/6/2015 14:17:04 T05REV00</small>				
<p><b>DOCUMENT NO.</b> 1300113</p>	<p><b>REV</b></p>		<p><b>DATE</b> 2014-11-26</p>	<p><b>PAGE</b> 2 OF 4</p>

Item	Description
	<p>Calmeyer stated that roads to be upgraded have been identified as is shown on the map. Other roads may be upgraded at a later stage. Mr Mugumo added that funding has been provided to upgrade roads directly affected by this project, however the Department of Water and Sanitation will motivate at a later stage to get additional funding to upgrade roads that are not part of the project. Mrs Calmeyer stated that the road from the R396 through to Somersville will be upgraded up until the dam wall. The existing bridge will be underwater but a new bridge will be built downstream of the dam wall.</p>
4.3	<p>Chief Mabandla stated that there are people who are not close to the dam (about 30 km away) but they are interested to know about the dam and require assistance for irrigation for farms. He asked if pipes would be constructed to these areas. Mrs Calmeyer stated that there is a large area surrounding the dam that will get access to drinking water. Raw water will be supplied to the identified agricultural lands only. Mr Mugumo added that if there are any other areas that are suitable for large scale farming then they should be brought to the attention of the Department of Water and Sanitation and, during implementation these areas will be assessed. If they meet the Department of Water and Sanitation criteria then they will also be included in the irrigation water pumping scheme.</p>
4.4	<p>It was asked if the water would be purified and then pumped to a reservoir before being pumped to the people. Mrs Calmeyer stated that there will be a new water treatment works that will treat the water before it is pumped to reservoirs for drinking purposes.</p>
4.5	<p>It was stated that during the meeting in May 2014 they were told that construction would start this year. It was asked what had changed that had caused construction not to start this year. Mr Mugumo explained that this project has been classified as a strategic project and it is being driven from the presidential infrastructure co-ordination commission. Because this is a strategic project a very tight program was given in order to put pressure on the Department of Water and Sanitation. Unfortunately the tight program could not fit within the requirements of the South African law. He concluded that the critical stage of this project is the finalisation of the Environmental Impact Assessment, which is needed to be compliant with the law.</p>
4.6	<p>What size will the dam be? Mrs Calmeyer explained that the classroom that the meeting is taking place in is about four metres high, the dam wall would be about 15 times this classroom and that the top of the wall would be 450 m wide. The Lalini Dam will be smaller than the Ntabelanga Dam. Mr Mugumo added that the height of the wall is counted from the river bed and not the banks.</p>
4.7	<p>It was asked where the Lalini Dam would be. Mrs Calmeyer stated that the Lalini Dam would be between the N2, going towards Qumbu and the Tsitsa Falls.</p>
4.8	<p>It was asked how big the dam would be and where the dam would end. Mrs Calmeyer stated that the dam would be 40 km<sup>2</sup> and would start at the dam wall, near Sighungqwini and end near Ngxoto. She stated that a new team would come during the implementation stage and survey the valley and mark off the area that will be affected by the dam, only then will the people know if they will be affected by the water.</p>
4.9	<p>It was asked if people would need certificates to prove they have skills to be employed to work on the construction of the dam. Mr Mugumo stated that the Department of Water and Sanitation would consult with other government departments to find out what the requirements are. Mrs Calmeyer stated that the recommendations, as part of the Environmental Impact Assessment is that the government make certain skills training available to the community so they can be prepared to work on the project. Mr Mugumo added that a letter of reference would also be sufficient as proof of skills.</p>

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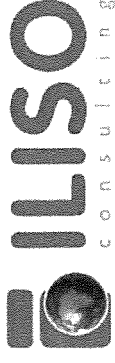
Item	Description
4.10	It was asked how the hills and valleys would be affected by the dam. Mrs Calmeyer explained that the Department of Water and Sanitation would not change the topography of the area, the water will fill into the valleys and as it fills some hills will remain and form islands. The dam will not be a straight line, it will follow the valleys and hills.
4.11	Chief Mabandla stated that there is a section of the land that will be underwater. He stated he will have to look for other land for his people since they will lose grazing and agricultural land. Mrs Calmeyer stated that the Environmental Management Programme has a chapter called the Relocation Policy Framework that explains the process that will need to be followed. This will require further consultation, which will take place during implementation, with the Chiefs, Ward Councillors and municipalities and an signed agreement will be signed.
4.12	It was stated that there are many existing dongas which are very steep and asked what safety measures would be put in place. Mr Mugumo stated that there will be a plan to manage the area around the dam. The dam will have a buffer area that will be reserved for proper management of the dam and to protect the people and animals. Additionally, the Department of Water and Sanitation will fence the dam where necessary in consultation with the people. Mrs Calmeyer added that it has also been recommended that safe watering areas be developed for the people to allow their animals to go to the water to drink.
4.13	It was asked what the age limit would be for employment. Mr Mugumo stated that this would follow the age limits stipulated by the labour laws of South Africa. Chief Mabandla added that this would also be dependent on the Contractor that is appointed.
4.14	It was requested that any concerns submitted be acknowledged and that a note of receipt be smsed so that that the people know that their concerns have been added. Mrs Calmeyer stated that this will be done.
<b>5.</b>	<b>Closure</b>
5.1	Mrs Calmeyer thanked the attendees and stated that they raised some good questions. She added that this meeting is very important to the team in order to make sure that the peoples' needs are being considered in this process. She stated that they are welcome to contact ILISO Consulting with any comments or concerns.
5.2	Mr Mugumo thanked the community on the behalf of the Department of Water and Sanitation for their attendance and participation. He stated that these meetings are valued as it enriches the work that the team does.
5.3	Chief Mabandla thanked the team for the communication and stated that the people are very happy about this project. The community were encouraged to submit any comments to ILISO so that all their concerns are addressed.
5.4	The meeting ended at 16h10.

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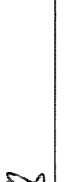



**MZIMVUBU WATER PROJECT EIA – PUBLIC MEETING**

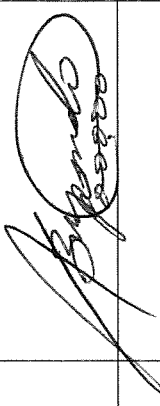
**VENUE:** Siqungqwini, Siqungqwini Junior Secondary School

26 November 2014, 14h00

NAME AND SURNAME	ORGANISATION	TEL	EMAIL	SIGNATURE
Terry Calmeyer	ILISO	012 685 0900	terry@iliso.com	
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lea Murruven	ILISO	013129 0101	lea@iliso.com	
N. NOMANQWANA	ILISO	0846953719	nomanqwana@gmail.com	
N. L. MABANDLA	TRN LEADER	079397731	—	

GRS: 31° 7' 01" S  
28° 39' 24.45" E

Menard Nengumo	JUSS	082 804 5162	Mu Gumbo AWA. Gov. ZA	
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Z. Nini	Siqungqweni	08110668297		
M Mbombo	"	0835932684		
V Mlungwana	"	078 5828408		
M. Mpora	"	073139789		
SS Makana	"	0838723618		
V. Magasa	"			Magasa
L M Pando	"	078 3255523		

Mahlanthe Mbelobela	Siqungqweni	0794422559	—	<del>Mbelobela</del>
Ahluwe nenemba	BURONA	071830755	—	nenemba
Bukle Mpondo mitshana	Siqungqweni	0732594766	—	
Nomelikhaya Nongenile Mpondo	esiqungqweni		—	MT Mpondo
Paloma Mcothane	Siqungqweni	0734798418	—	P Mcothane
MAMBELE Nomtyaka	Siqungqweni	08185228 <sup>57</sup>	—	NM
Bekwe NINI	Siqungqweni	0719883364		BNINI
N. G. Mahira	Siqungqweni	—		G.N. Mahira

T. Mungwana	Sigungquni	071189328	
M. magazi	Sigungquni		
C.N. Wenxq	Sigungquni	0730424984	C.N Wenxq
N.M. Neneb	Burana	0763386380	
E.T. NENEWA	BURANA	0799216128	
P. Mbata	Sigungquni	0712060782	
S. SUBISA	Sigungquni	0710451982	
N. Cote	"	0781499200	N.Coto
Nbumbentsha Magaza	Sigungquni	0784422853	<del>MAGAZA</del>

Mordeli Blou	Esiquungqini	0738596930	SM Blou
Macedi Mbombo	"	08399412898	<del>W.A.B.</del>
Athwe Solomon	Someni U Missed	079315665	A Solomosi
H. mayasaba	Qunana	079606688	R.A.J
M. MTHI	Siquungqini	0735260095	<del>W.A.B.</del>
T. SGENY	Esiquungqini		T. SGENY
M. Montyaka	"	—	<del>M.A.B.</del>
Z. Qubeka	"	—	Z. QUB
M.L. MALLWA	"	0711837520	M.L. MALLWA



KRAMANE	ESIAWANI					
NONTHEBETO MTHINGIZENK	SOMERVILLE	0735568234				
PHAKAMA DLAMINI	SOMERVILLE	0829569937				
KHOLEJHA MABANDA	SOMERVILLE	0710946507				
KHUTHALAMATIOMANE	SOMERVILLE	0739782042				
Mowande Manyemabale	ESiphungweni	-				
F.V. Mawwa	SIBAKUNSONWISI.AA	0837111548				
N. MAGAZI	SIBAKUNSONWISI.AA	0735534173				
J.M. SIGENU	SIBAKUNSONWISI	0723446243				

Limbo Manelisi	Dalungashe	0838725149	M. Limbo
Khuphiso Siyathamba	Dalungashe	0782417923	(Skepe)
