

10. List of projects

10.1 Introduction

ZDM has the following implementation programmes in terms of water and sanitation provision:

- **WATER**

- **Regional Water Supply Schemes**

There are 10 back to back Regional Water Supply Schemes, as follows:

- Nkonjeni
 - Usuthu
 - Mandlakazi
 - Mkhuze
 - Simdlagentsha East
 - Simdlagentsha Central
 - Simdlagentsha West
 - Coronation
 - Khambi
 - Hlahlindlela

Each regional scheme footprint has a sustainable water source from where infrastructure is progressively being rolled out to all households within the supply area. The supply footprints have been identified in such a way that water can be provided to all households within the area in a sustainable manner and at the lowest possible cost (R/kl).

- **Intermediate Stand-alone Schemes**

Due to time and budget constraints with implementation of costly bulk infrastructure, ZDM has initiated an intervention to alleviate the severe water shortage in areas where a sustainable local source can be developed. These water sources will supply several settlements in the surrounding area, and will become part of the Regional Scheme infrastructure in future. Implementation will be done according to the ZDM Prioritisation Model for water services within each Regional Scheme.

- **Rudimentary Water Supply**

In areas where settlements cannot be served in the near future by the Regional Schemes or Intermediate Schemes, local water sources will be used to provide a survival level of water on a rudimentary level. Implementation is done according to the ZDM Prioritisation Model for water services.

- **RURAL SANITATION**

Sanitation in the rural areas is being provided in the form of dry-pit VIP toilets. Implementation is done according to the ZDM Prioritisation Model for rural sanitation services.

A Rural Sanitation Replacement Programme has also been initiated in 2013 to replace the old Archloo-, Block- and Zink-type VIP's. This programme's implementation will be included in the next 5-year review of the WSDP.

- **SPECIAL PROJECTS**

Special projects are individual infrastructure requirements on a Local Municipal level which are addressed and budgetted for on a needs basis.

Rollout programmes for each of the above can be reviewed at the end of this section.

10.2 ZDM Prioritisation Models

ZDM has initiated prioritisation models for water and sanitation implementation since 2002. The purpose of the prioritisation models are to prioritise settlements and project implementation in an un-biased, objective way. Current Prioritisation Models include:

- 1 Regional Scheme Rollouts
- 2 Intermediate Stand-Alone Schemes
- 3 Rudimentary Water Supply Rollouts
- 4 Rural Sanitation Rollouts
 - 4.1 New Infrastructure
 - 4.2 Phase 3 Replacement Programme
- 5 Budget Allocation Model

The Prioritisation Models are based on a weighted criteria method, whereby criteria for each model is given a weight, which counts up to a total score of 100. The highest score implies the highest priority for implementation. **All Prioritisation Models will be reviewed during 2016 to ensure that outcomes stay relevant to the status quo and needs of the district as a whole.** The reviewed Prioritisation Models will be used during the next 5-year review of the WSDP.

10.2.1 Water Implementation Model

For water implementation on a rudimentary as well as regional level, the weighted criteria is based on specific characteristics of each settlement within ZDM. Where water needs to be provided to individual settlements, the settlements' individual prioritisation score is used to prioritise implementation.

Where larger areas are involved with several settlements grouped together, eg. within regional bulk reservoir zones, the average score of all settlements within each zone is calculated. This is then used as a zoning score to prioritise zones. The scoring criteria can be seen below:

Table 10.2.1: Scoring criteria for water implementation

FACTOR	CRITERION	VALUE	WGHT
Existing Primary Water Source	Urban & RWSS (with Bulk, Secondary Bulk, Retic) RWSS (with Bulk, Secondary Bulk) RWSS (only Retic) CWSS/Stand alone Potable BH/Spring/H.Pump Unprotected Surface Water (River/Dam etc)	0 0.25 0.5 0.5 0.75 1	30
Project Cost / Capita Project Cost / HH	> R 40,000 R30,000 - R40,000 R20,000 - R30,000 R10,000 - R20,000 < R10,000	0.2 0.4 0.6 0.8 1	15
Walking Distance to Water	< 1 km 1 – 3 km > 3 km	0 0.7 1	20
Within 4 km of a Dev. Corridor/RSC	Primary / Service Centre Secondary Tertiary None	1 0.75 0.5 0	5
Existing Sanitation	Less than 5% 25% 75% More than 95%	1 0.75 0.25 0	5
Existing Use / Level of Service	Nothing (> 3km walking) Survival (< 3km walking) Rudimentary ≥ RDP	1 0.75 0.5 0	15
Linkages to other projects< (supplyable) All settlements within 5km of existing Regional Scheme Layouts	Yes No	1 0	5
History of Water Borne Disease	Yes No	1 0	5
		Total	100

10.2.2 Rural Sanitation Implementation Model

Rural sanitation implementation is based on the same principle as with water, however different criteria and weights are used to address specific rural sanitation needs. Two prioritisation models are used for sanitation implementation:

- **Phase 1 & 2 (New projects)**

These phases provide sanitation to settlements having not received any form of sanitation from previous sanitation projects.

- **Phase 3 (Replacement Programme)**

Phase 3 will be initiated towards 2017 to replace old VIP-type structures, especially the Archloo-type structures which have proofed to have a very short lifespan. Old VIP-types such as block- and zink-type where pits are full and the top structure cannot be moved to a new location will also be replaced.

The scoring criteria for both these two programmes can be seen below:

Table 10.2.2: Phase 1 and 2 scoring criteria for rural sanitation implementation

FACTOR	CRITERION	VALUE	WEIGHT
Water Implementation	Catch-up	1	40
	Current Water Implementation (2008-2014)	0.5	
	Future Water Projects	0	
Distance to downstream open groundwater (Pollution potential)	<50m	1	25
	100m	0.6	
	250m	0.4	
	500m	0.2	
	>500m	0	
Settlement density in relation to HH count. (Susceptability to diseases)	> 10	1	15
	5 - 9.99	0.6	
	2 - 4.99	0.4	
	1 - 1.99	0.2	
	<1	0.1	
Settlement type (Susceptability for diseases to surrounding urbanised area)	Urban Fringe	1	10
	Peri-urban	0.5	
	Rural	0.1	
Rural Development Nodes Development Corridors Centres	Yes	1	10
	No	0	
		Total	100

Table 10.2.3: Phase 3 scoring criteria for rural sanitation implementation

FACTOR	CRITERION	VALUE	WEIGHT
Existing households not covered by previous project	76-100%	1	35
	51-75%	0.67	
	26-50%	0.33	
	0-25%	0.01	
Sanitation Top Structure Type	Archloo	1	25
	Zink	0.67	
	Block	0.33	
	Pre-cast	0.01	
Condition	Need replacement	1	20
	Need repairs	0.5	
	New	0.01	
Year built	<2000	1	5
	2001-2006	0.5	
	>2007	0.01	
Settlement density	High	1	15
	Medium	0.6	
	Low	0.3	
	Very low	0.01	
		Total	100

10.2.3 Budget Allocation Model

The annual funding allocations are split proportionally between the various implementation programmes for ZDM. Each implementation programme area is allocated a percentage in proportion to the overall budget requirement for eradicating the total backlog in that particular category of infrastructure projects.

Due to backlogs being eradicated continuously, these percentages are revised on an annual basis to ensure that the allocations reflect the revised backlogs for a particular programme and area.

10.3 Project Details

The ten Regional Water Supply Schemes require the largest portion of external funding due to costly bulk infrastructure. Due to this, ZDM augment the bulk reservoir zones with intermediate stand-alone schemes as well as survival-level rudimentary water supply. Each rollout is prioritised as described above.

Since the master planning was done for the regional schemes, ZDM has experienced some unique challenges concerning the sustainability of the water sources to be used for the regional schemes. Land reform areas have seen an unexpected high household growth in certain areas, which increased the water demand for regional schemes drastically. Critical issues related to the above have been identified for each regional scheme, and project progress and interventions to these issues are discussed in more detail below.

10.3.1 Nkonjeni

- **Background**

The Nkonjeni regional scheme is in the privileged position of having a well-developed and sustainable water source. Therefore the bulk of the available funding can be applied towards the progressive roll-out of water services to the respective communities.

- **Key Issues and Interventions**

The sustainability of the scheme is threatened by water losses in existing networks and excessive water usage from unmetered consumers. A water audit was done in 2006 (Ulundi Water Audit – October 2006) that indicated the inefficiency of water usage in Ulundi town to be 68% of the volume of water put into the system. ZDM has initiated a waterloss management programme where these waterlosses are systematically been addressed.

Due to limited spatial information that was available for planning purposes at the start of the Regional Schemes, the area around Babanango was not covered initially under Nkonjeni Regional Scheme. During 2008 a demographic verification process was done which allowed ZDM to identify existing settlements footprints in the Babanango area. A business plan was submitted to DWA and MIG in 2009 which included these settlements under MIG funding, and implementation of water supply is completed.

- **External Support**

Funding for Nkonjeni Regional Scheme is provided through MIG.

10.3.2 Usuthu

- **Background**

The Usuthu Regional Scheme is the largest water supply scheme in the district and also represents the biggest portion of the total backlogs. The scheme required the development of a new water source from the Black Mfolozi river and expensive bulk infrastructure to be rolled out over vast distances to scattered rural communities.

- **Key Issues and Interventions**

The biggest challenge with this scheme is the funding of the enormous capital investment of more than R500m that is required to provide the required infrastructure. ZDM has aquired additional DWA funding to fast-track the implementation of bulk services for this scheme.

The huge capital investment required eradicating the backlogs through the regional scheme infrastructure and the resulting slow progress with the roll-out of services requires an intermediate solution to be developed to alleviate immediate water supply needs. The existing rudimentary supply programme, whereby local groundwater sources are developed within 800m walking distance from households, was hampered in Usuthu area due to difficulty in finding reliable and good quality water sources close to communities. ZDM has initiated intermediate, stand-alone water schemes to address the delay in providing reticulation to communities. These intermediate schemes are developed from production boreholes where available, and are designed in such a way that they can easily be integrated into the bulk services network in future.

The sustainability of the main water source of Nongoma town is under severe strain and no longer sustainable during drought periods. The installation of a bulk pipeline from the Black Mfolozi river to Nongoma is currently in progress to address this issue. The internal bulks for Nongoma town will also be upgraded to augment the existing water supply.

Nongoma town frequently experiences intermittent water supply to consumers and businesses, even outside of drought periods. Excessive water usage by unmetered consumers and high water losses contribute to the problem. A water loss study conducted in 2003 indicated that unaccounted water supply in Nongoma was in excess of 41%. A waterloss and water demand strategy is in progress as part of the Usuthu Regional Scheme planning.

- **External Support**

Funding is provided by MIG as well as DWA (Bulks).

10.3.3 Mandhlakazi

- **Background**

The Mandlakhazi Regional Scheme represents the second largest supply area in the district and also the second biggest portion of the total backlogs of the municipality. There are no towns in the supply area and the communities are sparsely scattered and vast distances apart. The provision of water services to all communities are therefore extremely expensive and will take a long time to conclude.

Water supply problems in the neighbouring Hlabisa area has resulted in a change of priorities and the construction of a bulk supply pipeline to supply the eastern side of Mandlakazi and eventually reach the Hlabisa communities.

The scheme is supplied with raw water from a privately-owned dam outside of the Zululand municipal area. The dam is supplied by the owner from the Pongolapoort Dam, which is a very reliable water source. Bulk water supply agreements are in place with the owner and the supply is secured. ZDM is however investigating the possibilities for an individual allocation and raw water abstraction permit from DWA for abstraction from the Pongolapoort Dam for long-term sustainability.

- **Key Issues and Interventions**

The Mandlakazi area is also in need of an intermediate solution to accelerate the provision of services to households until the regional scheme bulk infrastructure can eventually reach all the communities. Drought problems are frequent in the area and the rudimentary programme has limited success in finding sustainable and potable local sources. However, success has been achieved in some areas for good production boreholes and this will be developed as intermediate stand-alone schemes which will be integrated into the regional scheme in future.

- **External Support**

The regional scheme is funded by MIG as well as an allocation from DWA to accellerate the implementation of the bulk services.

10.3.4 Mkhuze

- **Background**

The Mkhuze Regional Scheme area comprises of mostly formal farm areas and a small number of sparsely scattered rural communities. The construction of a single regional scheme to supply the entire footprint is not feasible, but rather individual schemes from local sources.

- **Key Issues and Interventions**

An existing land reform project at the Gumbi settlement has resulted in a dramatic influx of families that settled without any water or sanitation infrastructure being in place. This resulted in the construction of an emergency supply from the neighbouring Pongolapoort Dam. This project is completed. The abstraction point at the dam is however not ideal and in future a second abstraction point from a more ideal position should be investigated.

There is huge potential for economic development on the western side of the Pongolapoort Dam but abstraction on that side of the dam is unfortunately very difficult. Groundwater sources in the area are also of poor quality and insufficient yield to sustain large scale development.

- **External Support**

Funding is provided by MIG.

10.3.5 Simdlangentsha East

- **Background**

The Simdlangentsha East Regional Scheme is a well-served area and consist of the lowest backlogs in the district. The scheme supplies Pongola town as well as a vast rural area. Water is abstracted from irrigation channels next to the Pongola river and with an emergency supply that is available further down at the Pongola river. The irrigation channels are managed by DWA and the supply is mostly reliable, except when the channels are closed for maintenance. ZDM also pays DWA a raw water charge for water abstracted from the channels.

- **Key Issues and Interventions**

Water supply in the rural areas is under severe pressure with frequent interruptions to the supply. Excessive water usage and high waterlosses due to illegal and unmetered connections are the main contributors to the problem. Apart from the above problems the bulk infrastructure is also in need of upgrade as a result of population growth since the inception of the scheme. The challenges on the scheme therefore require a combination of water demand management interventions and the upgrade of bulk infrastructure to address the long-term sustainability of the scheme. The waterloss

managagement programme initiated by ZDM is addressing this at present, and the upgrading of the existing bulk infrastructure for the southern part of the scheme is in progress.

Pongola town has experienced significant development over the recent years and this was hampered by especially the absence of waterborne sanitation throughout the town. There is a need to compile a sewerage master plan for the area and plan upgrade requirements systematically.

- **External Support**

Funding is provided by MIG.

10.3.6 Simdlangentsha Central

- **Background**

The planning of the Simdlangentsha Central scheme is complete and the first phases of the bulk infrastructure have been completed. The project also requires a substantial investment in bulk infrastructure before communities will be reached with water supply. The area is however quite well served with localised schemes from local sources. The challenge is to keep these schemes operational until the bulk scheme can reach all the areas.

- **Key Issues and Interventions**

The Simdhlanguagesha East Regional Scheme experienced water pressure problems, and the Simdhlanguagesha Central Regional Scheme is used to augment water supply to these settlements.

The Simdlangentsha Central scheme contributes a small portion to the total backlogs of the ZDM and therefore also receives a small portion of the available capital funds, although a substantial capital investment is still required to provide the necessary infrastructure.

Although the area is generally well-served, all schemes are old and the regional scheme planning will include infills to provide water to additional households.

- **External Support**

Funding is provided by MIG.

10.3.7 Simdlangentsha West

- **Background**

Simdhlagentsha West Regional Scheme mainly consists of rural areas to the east of Paulpietersburg town. The area is generally well-served although existing networks are old and infills and waterloss management is required.

The current capacity of the rising main line from the existing weir in the Pongola River to the existing Water Treatment Works at Frischgewaagd Township is 2ML/day (Supplies Frischgewaagd and Mangosuthu with raw water), and the current capacity of the existing Water Treatment Works at Frischgewaagd town is 3ML/day. New networks were installed at Frischgewaagd during 2007/2008. and the water demand was reduced from the maximum possible supply of 2ML/day to 0.7ML/day. The balance of the water (1.3ML/day) is consumed by Mangosuthu (with only 20% of the population of Frischgewaagd). A new rising main line from the Pongola weir to Frischgewaagd will be constructed. The Frischgewaagd Water Treatment Works will be relocated to the Pongola River Weir, and will provide treated water to Ezimbomvu, Tholakela, Mangosuthu and Opuzane.

- **Key Issues and Interventions**

High waterlosses are evident, especially in the Mangosuthu area. ZDM has addressed this issue and the construction of new networks at Mangosuthu is completed. Construction includes metered yard connections and consumers will be restricted to 200 litres per household. Consumers will be able to register for a higher level of service, but will be billed for the balance.

In the near future Frischgewaagd will also be restricted to 200 litres per day, with the option to register and pay for a higher level of service.

The biggest challenge is to obtain funding for the proposed bulk infrastructure. Funding of more than R120M will be needed just to supply Frischgewaagd and Mangosuthu with treated water.

- **External Support**

Existing funding is provided by MIG.

10.3.8 Khambi

- **Background**

The Khambi Tribal Authority area is well-served with several small stand alone schemes. (Esihlengeni, Kwamakweshe, Ngenetsheni, Cibilili and Ntumbane Community Water Supply schemes). Not all of these schemes however have had a sustainable water source. The clinic at Ntumbane is often without water during the dry winter periods.

A weir was constructed in the KwaMthazi River and a new water treatment works was constructed. This supplies water to the Khambi Tribal Authority and the integration of all the stand-alone schemes to this bulk service is completed.

The remaining scope of works for the Khambi Regional Scheme will be on the implementation of stand-alone schemes to the Land Reform Areas of Khambi.

- **Key Issues and Interventions**

The long-term planning was to supply water from the Coronation Dam to the Khambi area, but an in-depth study by ZDM concluded that the Coronation Dam will not be a sustainable solution for the long-term additional demand, and the cost per capita would be too high. ZDM is currently equipping sustainable local sources closer to Khambi area, which will result in a substantial saving in bulk infrastructure.

- **External Support**

Funding is provided by MIG.

10.3.9 eMondlo/Hlahlindlela

- **Background**

The eMondlo area is well-served with existing stand-alone schemes. eMondlo town receives water from the Mvunyane dam. These existing sources are however not sustainable for future use, and will receive water in future from the Klipfontein dam situated next to Vryheid town. Mvunyane dam is silted up to such an extent that it is no longer a sustainable source for eMondlo town.

- **Key Issues and Interventions**

During 2000 a new water reticulation network at eMondlo A and B was installed in order to lessen the water demand from 12 MI/day to 4 MI/day. The eMondlo water treatment works can supply 8 MI/day. This meant that 4 MI/day would have been available towards the settlements surrounding eMondlo A and B after the installation of the new networks. Networks were installed at these settlements and connected to eMondlo A and B. The old network at Emondlo A and B was never decommissioned and expected savings of 4MI/day never realised. The residents of eMondlo also connected the new network to the old network with pipes in their yards.

The eMondlo water treatment works has been refurbished and upgraded to supply 12MI/day, but the water demand has grown from 8MI/day in 2000 to 16 MI/day currently. With the refurbishment completed there is still a shortfall of 4 MI/day. The existing rising main line from Mvunyane Dam to eMondlo Water Treatment works can furthermore only supply 12 MI/day.

The above issues will all be addressed with the bulk services implementation through the Hlahlindlela Regional Scheme. In future water will be supplied from Klipfontein Dam to Vryheid Water Treatment works. Water will then be pumped from the Vryheid Water Treatment works to Hlahlindlela (including

eMondlo Township). A regional water supply assessment will however first be done during 2015 before water can be supplied to eMondlo area.

The funding available to implement the Hlahlindlela Regional water supply is not adequate, but ZDM is reviewing the annual budget allocation for this scheme to fast-track the implementation of bulk services. The estimated cost to implement the water supply from Klipfontein Dam to eMondlo is well over the R200M.

AbaQulusi as the WSP for urban areas has initiated a waterloss programme at eMondlo B. This is crucial towards the sustainability of water supply to the area. All connections will be inspected for water leaks and repaired where necessary. IN additiona to this, ZDM has allocated funding for the remaining Emondlo B as well as eMondlo A to resolve the excessive waterlosses experienced in these two areas.

- **External Support**

Funding is provided by MIG.

10.3.10 Coronation

- **Background**

The Coronation Regional Scheme consists of a few small and isolated towns and a number of scattered and very isolated rural settlements within formalised farm areas.

- **Key Issues and Interventions**

The towns have a high level of service but the infrastructure is very old and urgent refurbishment is required in most cases. The Coronation scheme however is a small contributor to the total backlogs of the district and receives a small portion of the total capital funds. Refurbishment needs are competing with new infrastructure requirements for limited available funds. There is a need for refurbishment funding over and above funding for the eradication of backlogs.

The original planned regional scheme has been revised during 2013/2014. The Coronation dam is not sustainable to supply Khambi Regional Scheme with additional water, and bulk services to the rural scattered settlements of Coronation area will be too costly to supply from a bulk infrastructure network. A revised Master Plan is currently in progress whereby stand-alone schemes from local sustainable sources will be developed to cover as many settlements as possible. Khambi Regional Scheme will also receive additional water needed from local sustainable sources.

The town of Louwsburg within the Coronation regional scheme area have a water resource challenge that will not be easy to solve. The existing dam has a limited catchment and groundwater is difficult to

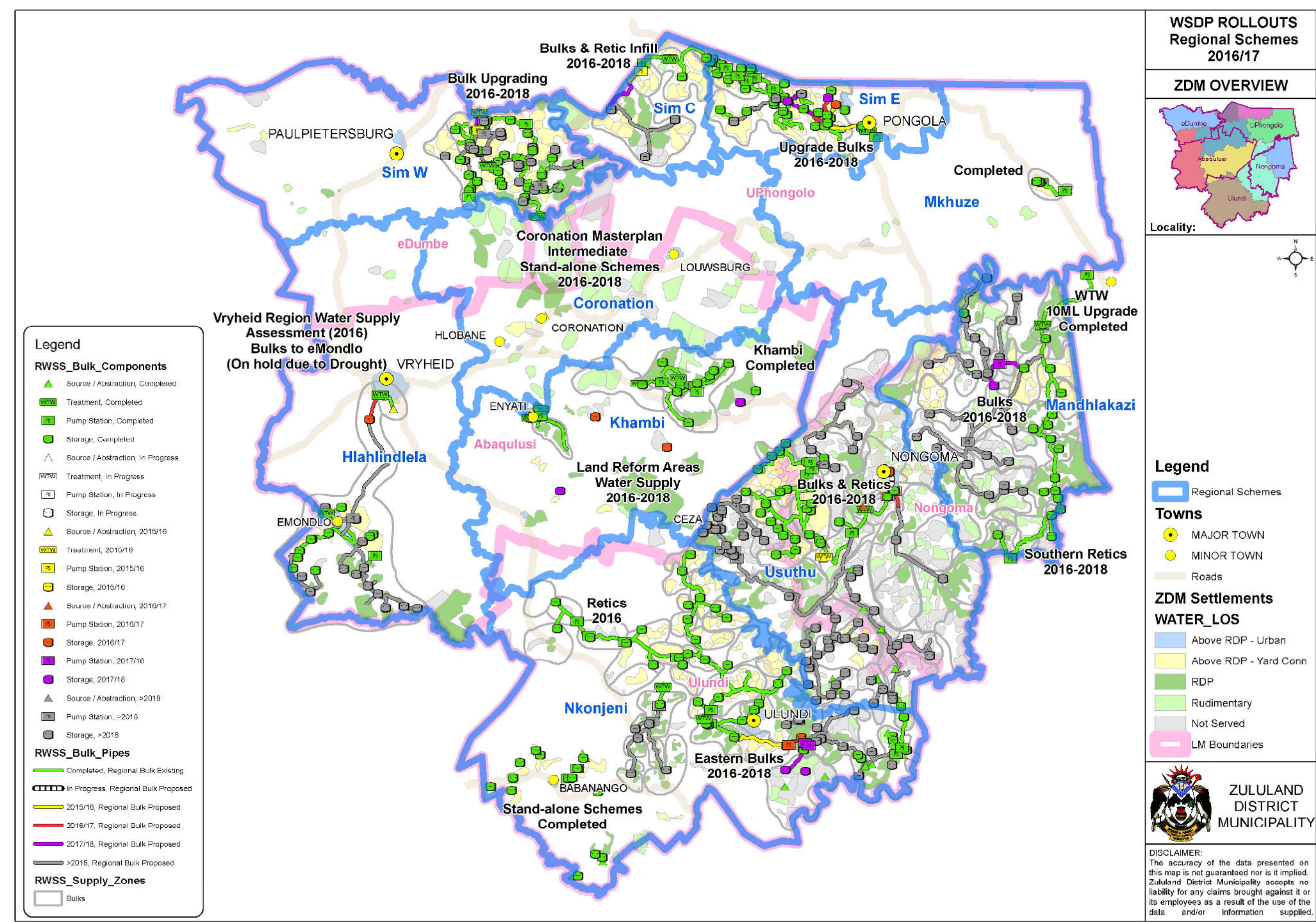
find due to the locality of the town. Any possible solutions will be very costly and there is insufficient funding at this stage to address the issue. The town is also in need of waterborne sewage, but the water problems receives a higher priority at present.

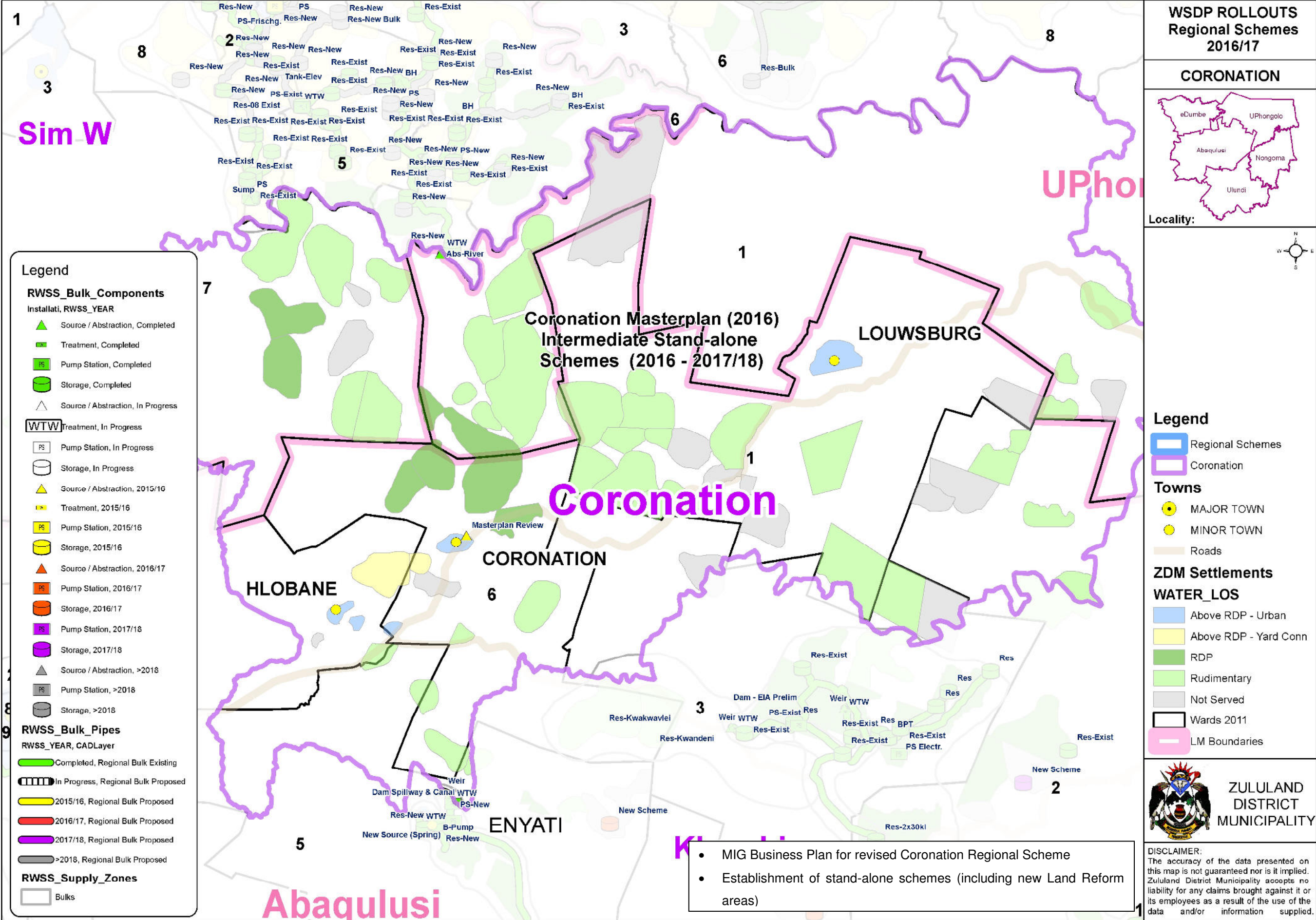
A revised Master Plan for Coronation is in progress to assess local water sources for stand-alone schemes in areas where no sustainable water is present.

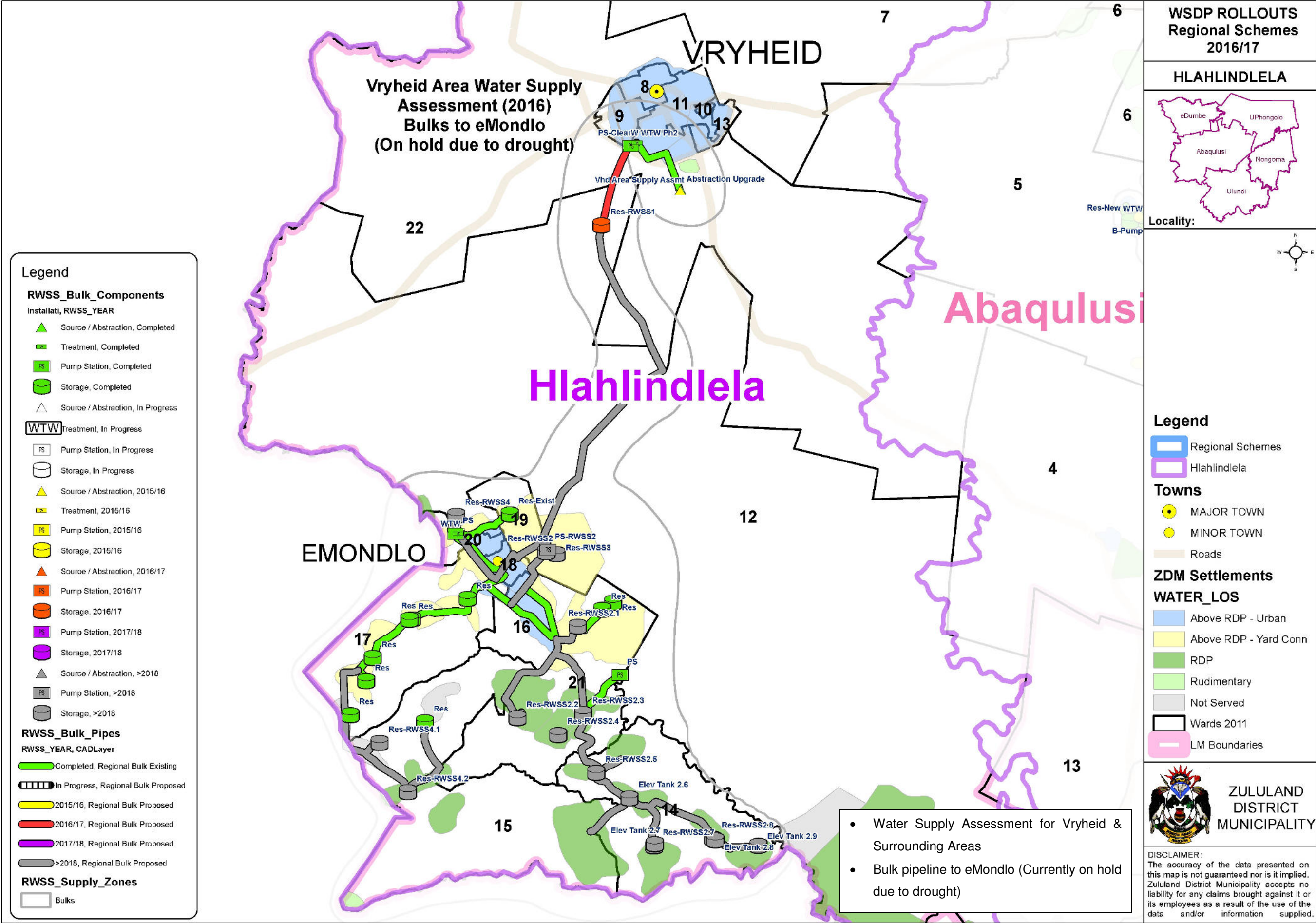
- **External Support**

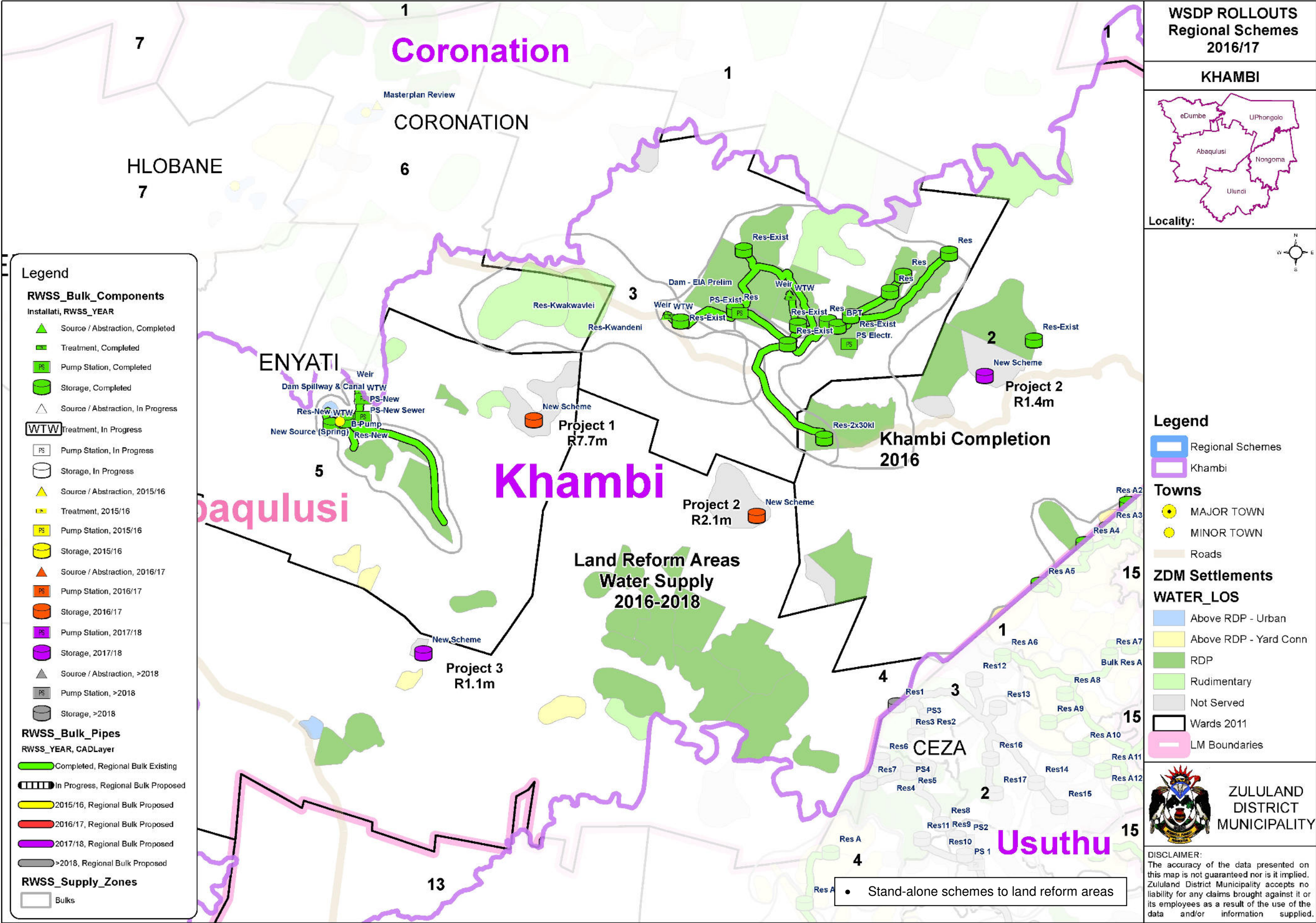
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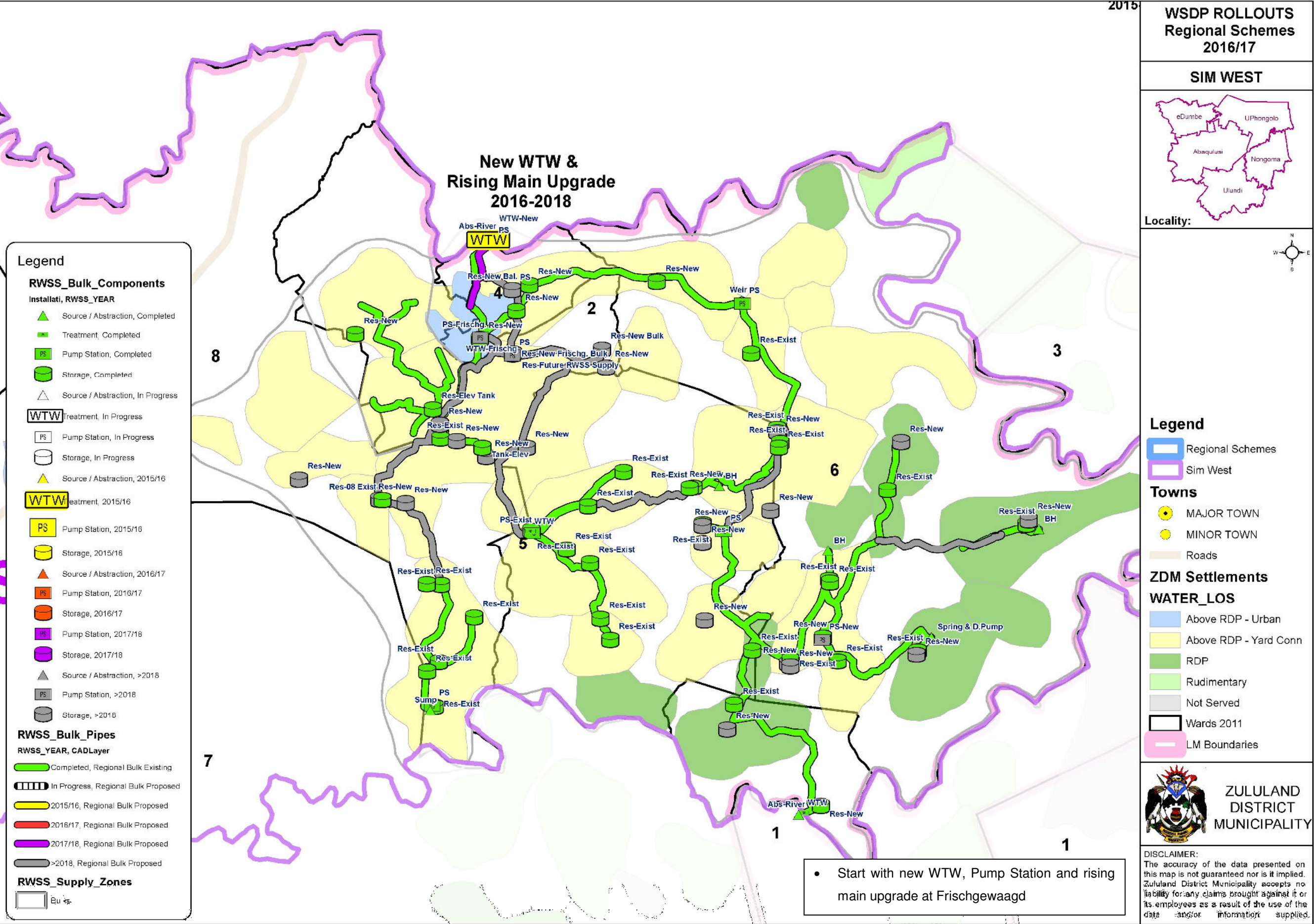
Map 10.1: Roll-out of regional water services in the district over the next 5 years

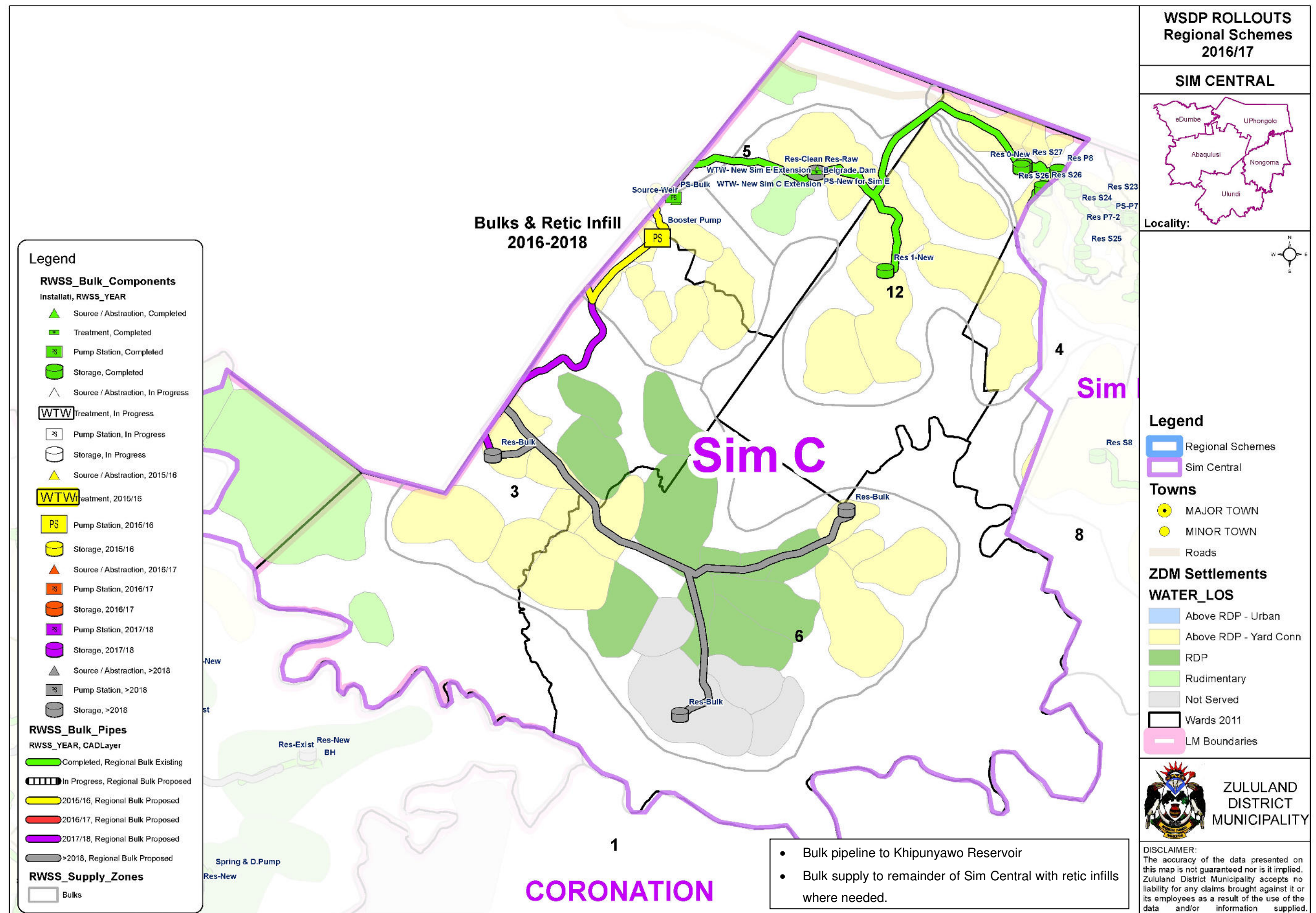


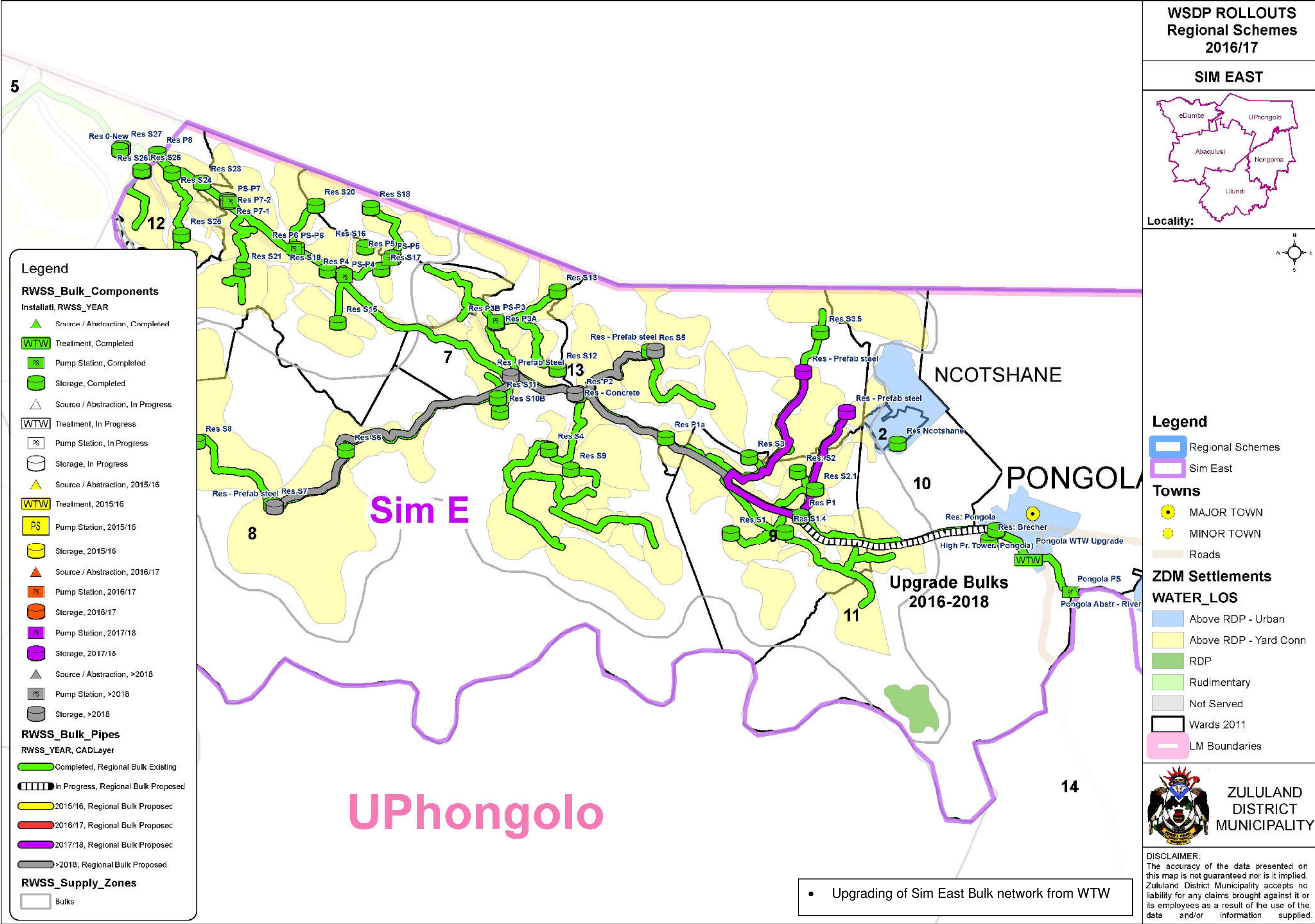


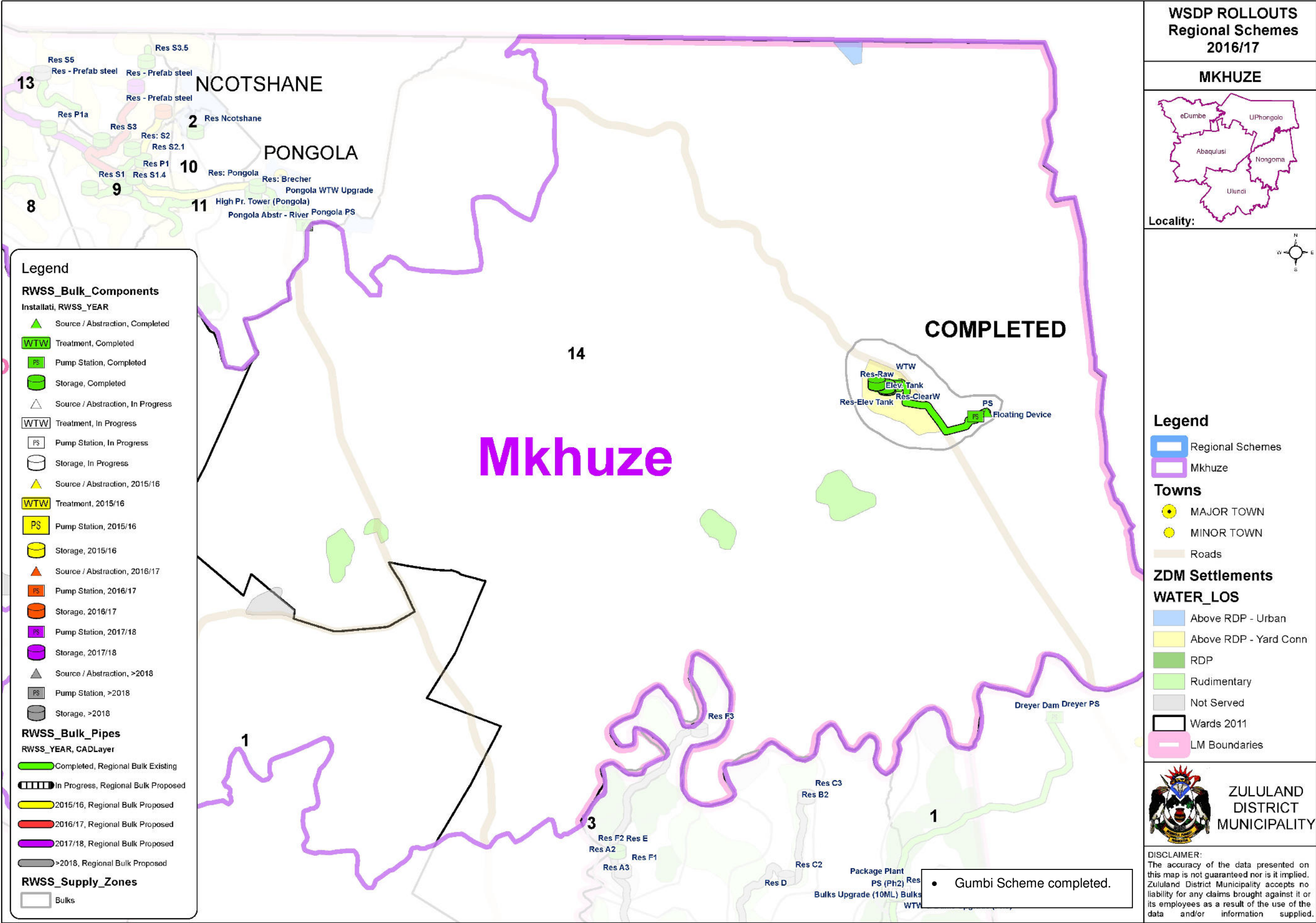


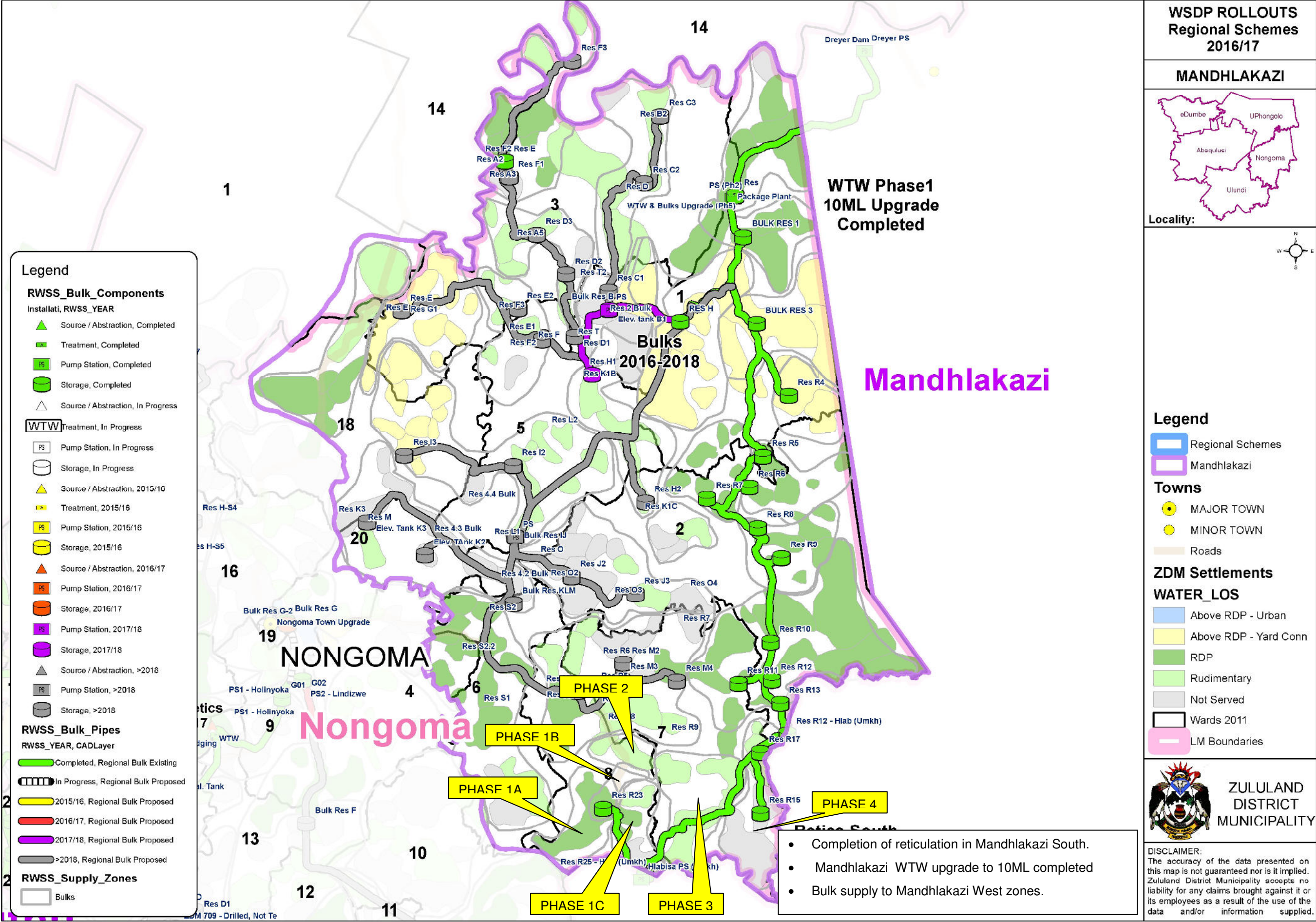


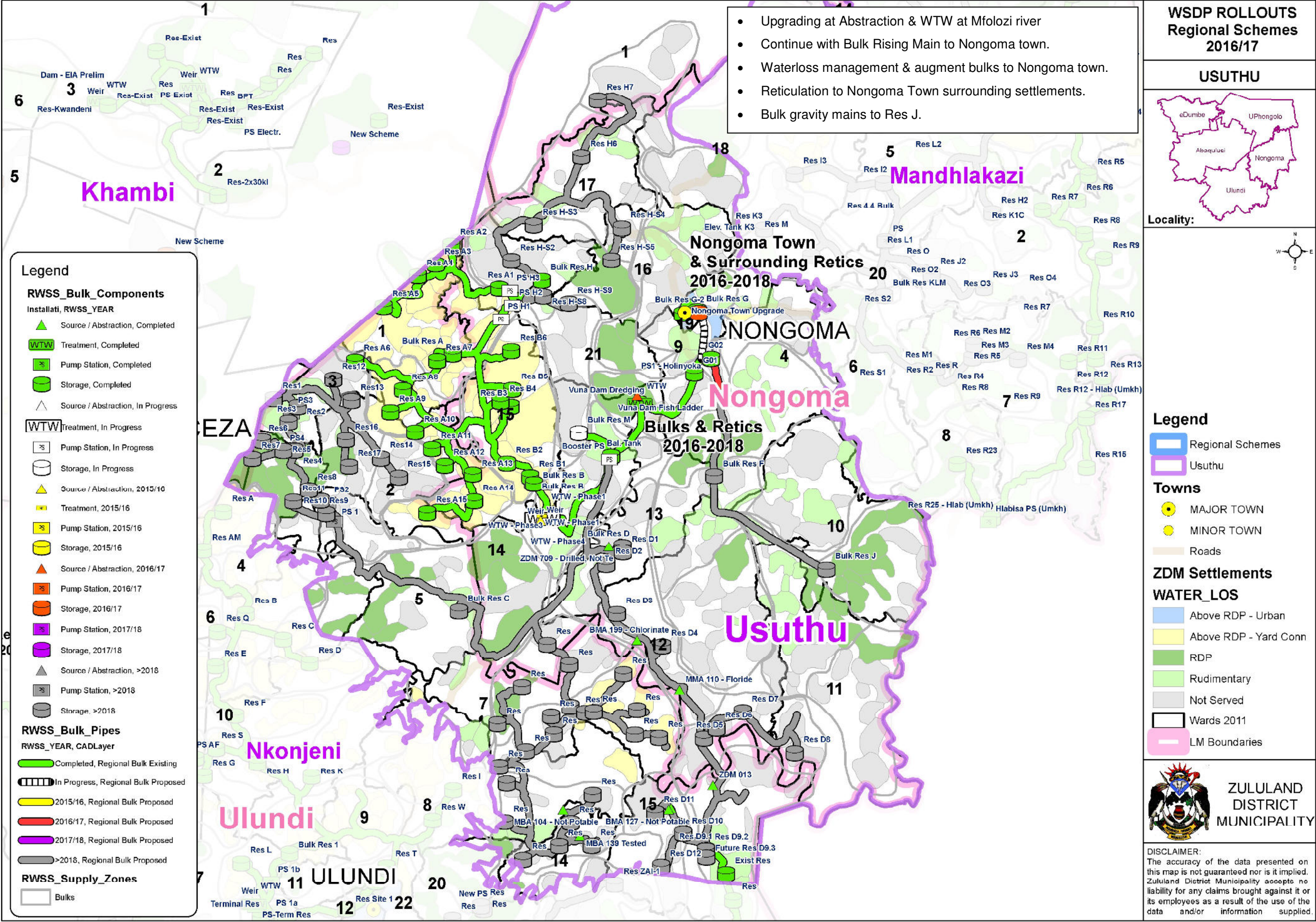


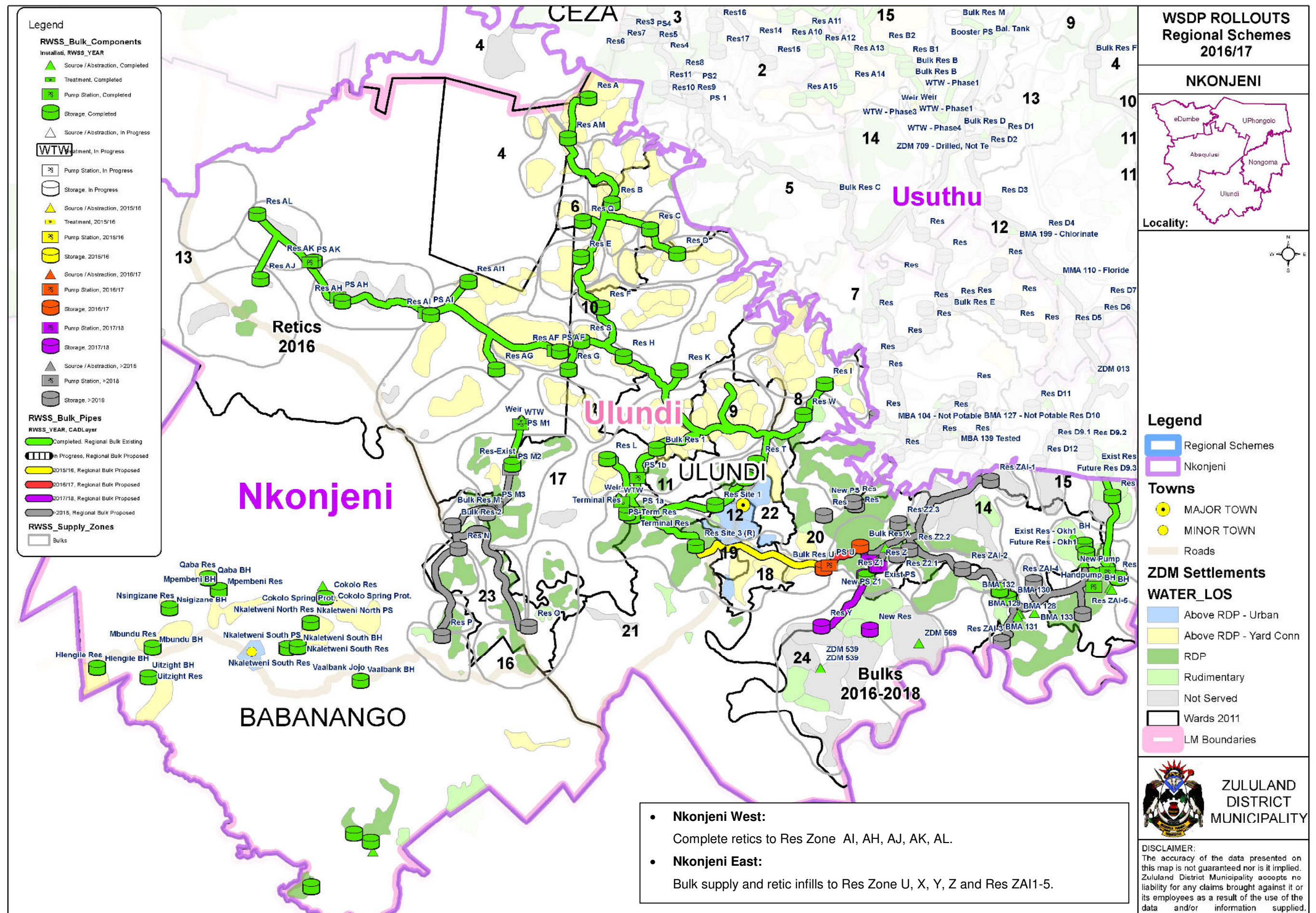




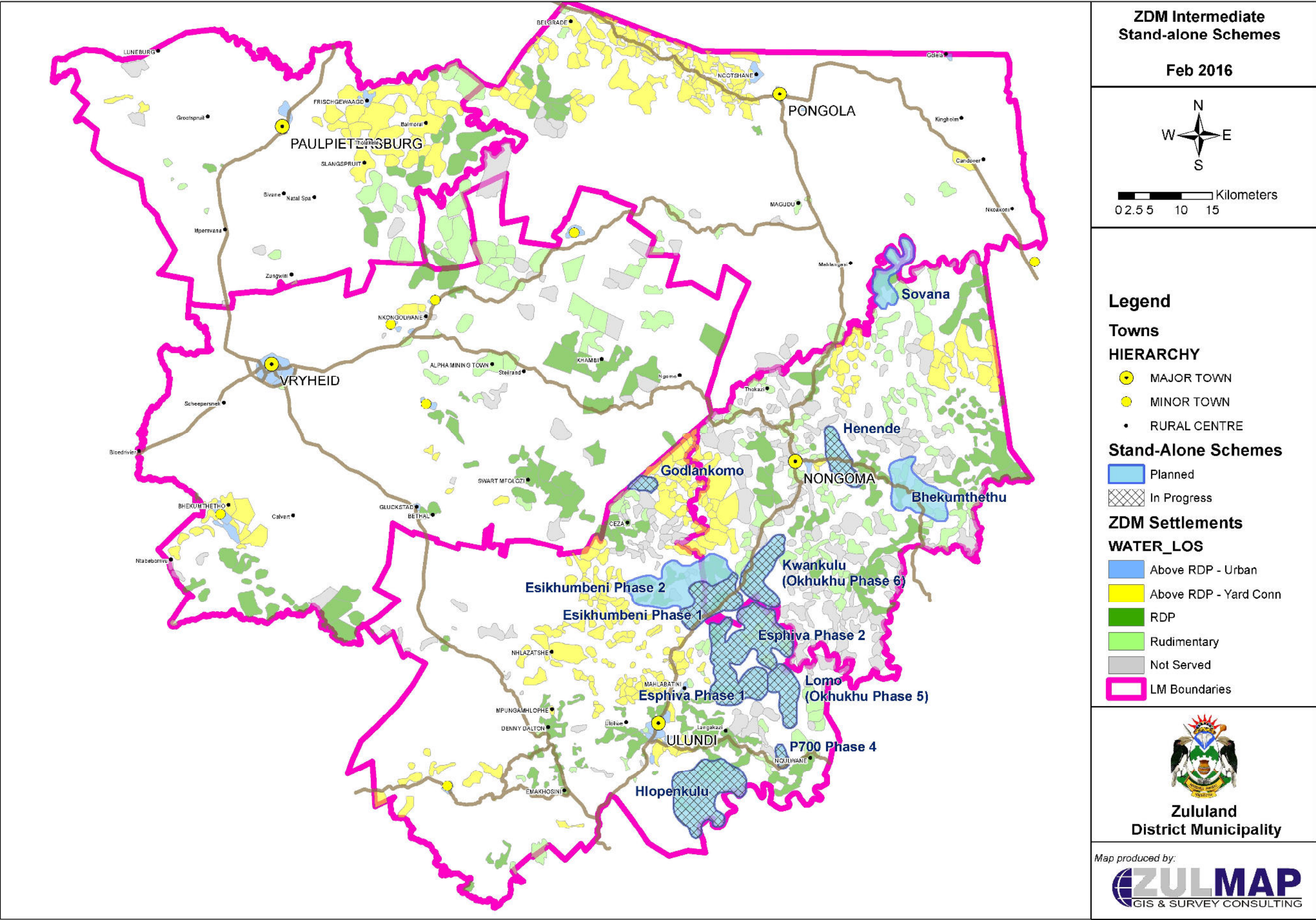




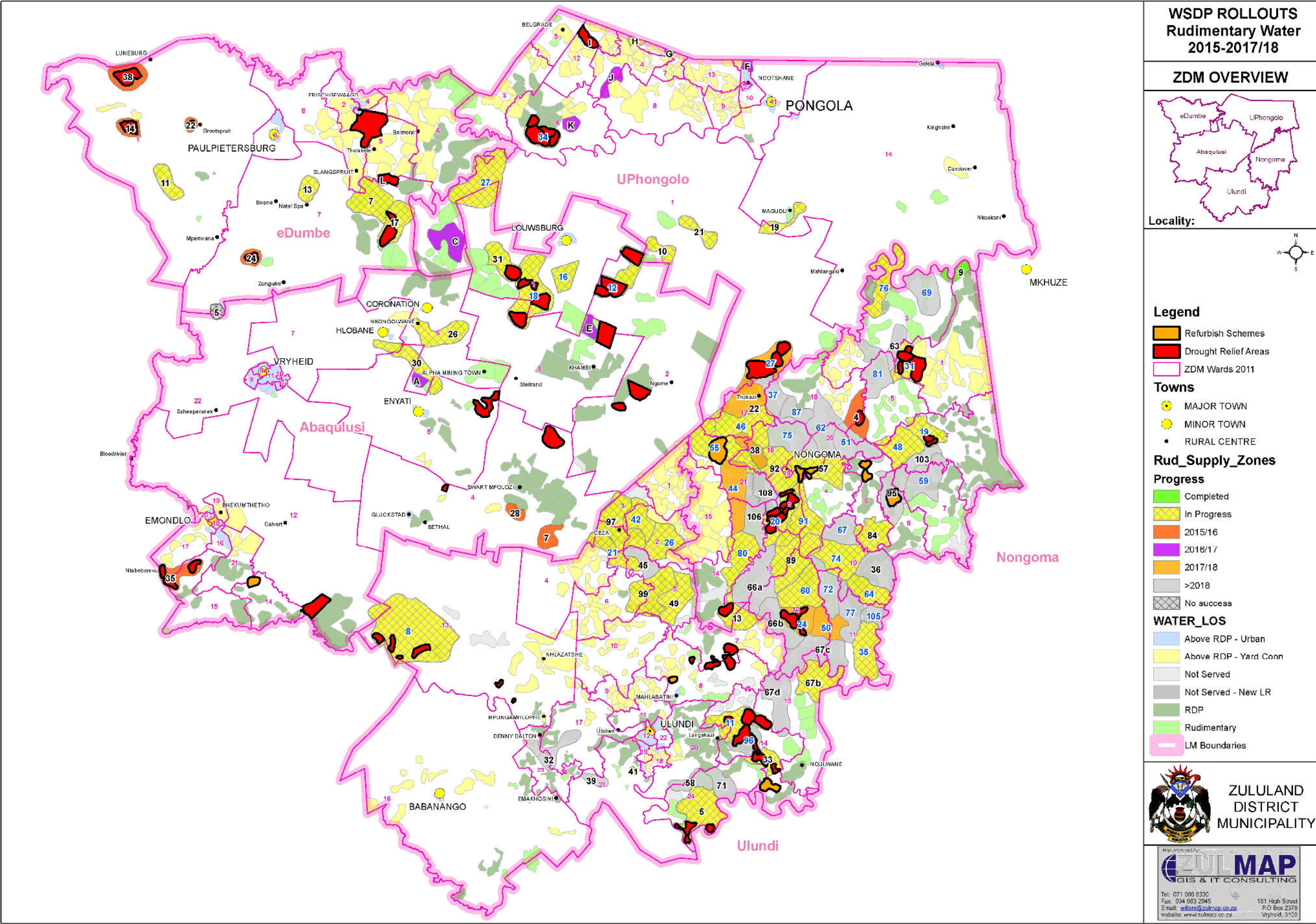




Map 10.2: Identified Stand-alone Schemes



Map 10.3: Rudimentary water supply rollouts



Map 10.4: Roll-out of rural sanitation services in the district over the next 5 years

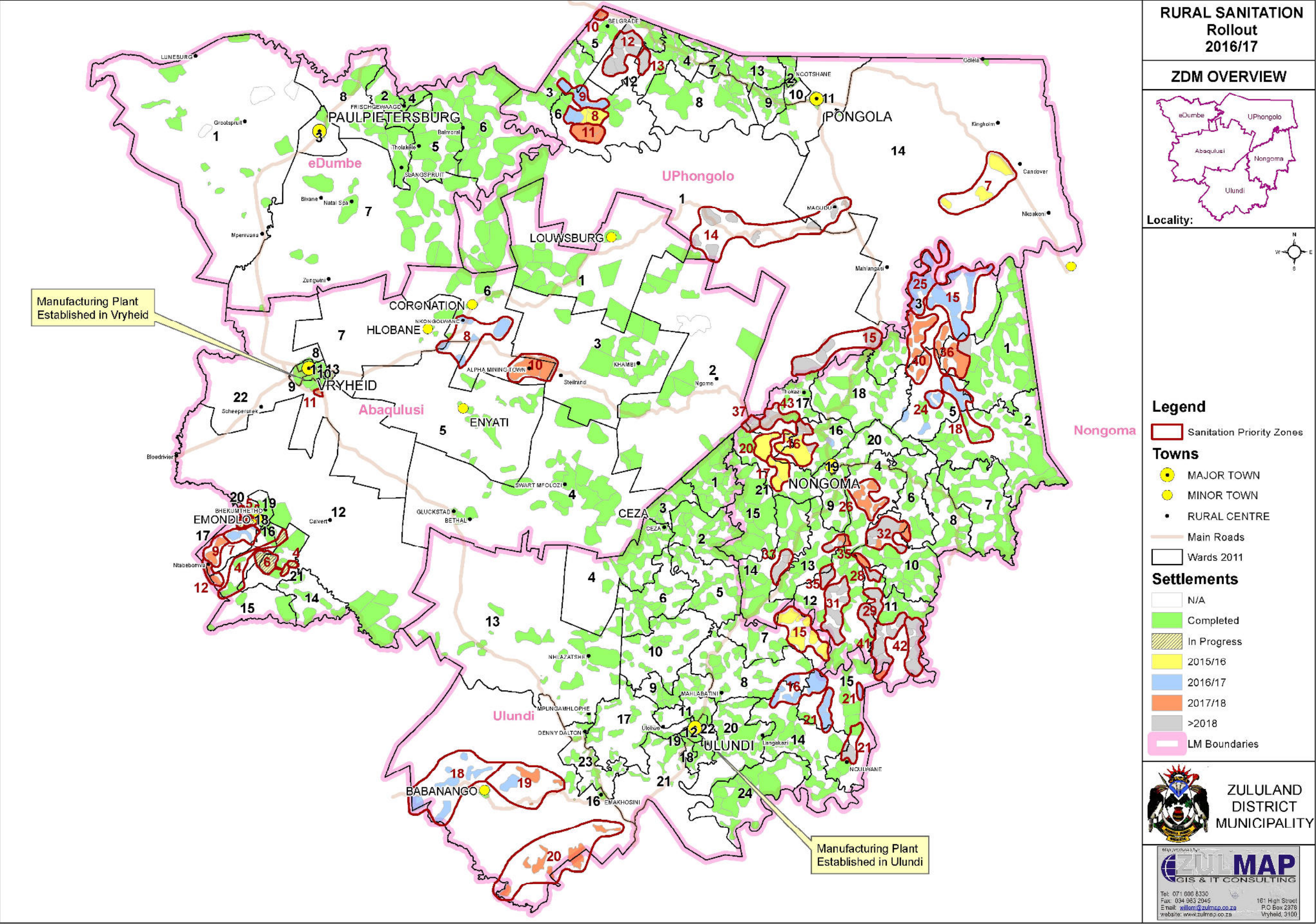


Table 10.1: Roll-out of Regional Water Infrastructure

REGIONAL SCHEME ROLLOUTS

LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
AbaQulusi	2016/17	Coronation	All	Planning				Coronation Regional Scheme Masterplan Review	1 000 000	
AbaQulusi	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	26		ZPM11	Ezakiweni		824 400
AbaQulusi	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	44		ZPM14	Emandleni		1 389 274
AbaQulusi	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	2		ZMAP67	Moolibank		81 722
AbaQulusi	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	17		ZPM15	Retseb		408 610
AbaQulusi	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	32		ZMC6	Thembaile (Welverdiend)		1 103 247
AbaQulusi	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	72		ZMC10	Xamu		2 288 216
AbaQulusi	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	53		ZMC5	Ebumnyameni		2 043 050
AbaQulusi	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	17		ZPM7	Ezinkalweni		735 498
AbaQulusi	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	6		ZHR25	Bedrog 217		326 888
AbaQulusi	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	13		ZHR17	Mphumelelo		408 610
AbaQulusi	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	25		ZHR24	Mbokodweni 2		898 942
AbaQulusi	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	14		ZHR23	Mbokodweni 1		490 332
AbaQulusi	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	39		ZPM18	Ebhodweni		1 348 413
AbaQulusi	Pending Masterplan Outcome	Coronation	2	Settlement Reticulation	46		ZBUK60	Kwafakazi		1 552 718
AbaQulusi	Pending Masterplan Outcome	Coronation	2	Settlement Reticulation	33		ZBUK61	Endinsi		1 389 274
AbaQulusi	Pending Masterplan Outcome	Coronation	3	Settlement Reticulation	51		ZHC29	Groeneweiding Trust		1 593 579
AbaQulusi	Pending Masterplan Outcome	Coronation	3	Settlement Reticulation	37		ZPM6	Mkhuze 2		1 307 552
AbaQulusi	Pending Masterplan Outcome	Coronation	6	Settlement Reticulation	105		Z901	Nkongolwane 1		3 231 648
AbaQulusi	Pending Masterplan Outcome	Coronation	7	Settlement Reticulation	26		ZHC5	Boomlaer		627 275
AbaQulusi	2016/17	Hlahlindlela	All	Planning				Vhd Area Supply Assmt	1 000 000	
AbaQulusi	On hold	Hlahlindlela	12	Storage	5MI			New bulk Reservoir 1 between Vryheid WTW and eMondlo	7 239 939	
AbaQulusi	On hold	Hlahlindlela	12	Bulks	315	907		Regional bulk pipelines between Reservoir 4 and eMondlo WTW	2 461 428	
AbaQulusi	On hold	Hlahlindlela	12	Bulks	200	1 080		Regional bulk pipelines between Reservoir 4 and eMondlo WTW	1 495 001	
AbaQulusi	On hold	Hlahlindlela	12	Bulks	350	1 059		Regional bulk pipelines between Reservoir 4 and eMondlo WTW	2 132 083	
AbaQulusi	On hold	Hlahlindlela	12	Storage	5ML			New regional Reservoir 3 at Driekwart	7 239 939	
AbaQulusi	On hold	Hlahlindlela	12	Storage	5ML			New regional Reservoir 2 at Driekwart	7 239 939	
AbaQulusi	On hold	Hlahlindlela	12	Pump Station				New regional Pump Station 2 at Driekwart	6 497 266	
AbaQulusi	On hold	Hlahlindlela	12	Storage	2MI			New regional bulk Reservoir 4 near Maytshotshomba	6 173 004	
AbaQulusi	On hold	Hlahlindlela	14	Secondary Bulks	75	34		Regional pipelines from Elosi reservoir to reservoir at Sofaya	15 804	
AbaQulusi	On hold	Hlahlindlela	14	Secondary Bulks	75	60		Regional pipelines from Elosi reservoir to reservoir at Sofaya	28 261	
AbaQulusi	On hold	Hlahlindlela	14	Secondary Bulks	75	2 441		Regional pipelines from Elosi reservoir to reservoir at Sofaya	1 146 495	
AbaQulusi	On hold	Hlahlindlela	14	Secondary Bulks	90	3 972		Regional pipelines from Ezibomvu reservoir to reservoir at Elosi	2 079 438	

REGIONAL SCHEME ROLLOUTS

LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
AbaQulusi	On hold	Hlahlindlela	14	Secondary Bulks	90	2 105		Regional pipelines from Ezibomvu to reservoir at Qweqwe1	1 102 059	
AbaQulusi	On hold	Hlahlindlela	14	Secondary Bulks	90	89		Regional pipelines from Ezibomvu reservoir to reservoir at Elosi	46 347	
AbaQulusi	On hold	Hlahlindlela	14	Secondary Bulks	90	110		Regional pipelines from Ezibomvu reservoir to reservoir at Elosi	57 390	
AbaQulusi	On hold	Hlahlindlela	14	Secondary Bulks	90	93		Regional pipelines from Ezibomvu reservoir to reservoir at Elosi	48 824	
AbaQulusi	On hold	Hlahlindlela	14	Secondary Bulks	90	33		Regional pipelines from Ezibomvu reservoir to reservoir at Elosi	17 127	
AbaQulusi	On hold	Hlahlindlela	14	Secondary Bulks	110	191		Regional pipelines from Amahlathi reservoir to elevated tank at Ezibomvu	188 220	
AbaQulusi	On hold	Hlahlindlela	14	Secondary Bulks	110	1 344		Regional pipelines from Ezibomvu to reservoir at Qweqwe1	1 324 253	
AbaQulusi	On hold	Hlahlindlela	14	Secondary Bulks	160	2 142		Regional pipelines from Amahlathi reservoir to elevated tank at Ezibomvu	3 050 648	
AbaQulusi	On hold	Hlahlindlela	14	Secondary Bulks	90	1 392		regional pipeline from Amahlathi reservoir to Munjane	728 899	
AbaQulusi	On hold	Hlahlindlela	14	Pump				Booster pump on pipeline from Nhloshana to Amahlathi	461 192	
AbaQulusi	On hold	Hlahlindlela	14	Storage	2MI			New reservoir at Amahlathi	6 173 004	
AbaQulusi	On hold	Hlahlindlela	14	Storage	140KI			Regional elevated tank at Ezibomvu	1 001 835	
AbaQulusi	On hold	Hlahlindlela	14	Storage	600KI			New regional reservoir at Qweqwe	2 520 426	
AbaQulusi	On hold	Hlahlindlela	14	Storage	50KI			New elevated tank at Qweqwe	684 075	
AbaQulusi	On hold	Hlahlindlela	14	Storage	1MI			New regional reservoir at Elosi	2 824 439	
AbaQulusi	On hold	Hlahlindlela	14	Storage	80KI			New elevated tank at Elosi	775 214	
AbaQulusi	On hold	Hlahlindlela	14	Storage	30KI			New elevated tank at Sofaya	509 520	
AbaQulusi	On hold	Hlahlindlela	14	Bulk Supply Connection	63		Z132	Amahlathi		-
AbaQulusi	On hold	Hlahlindlela	14	Bulk Supply Connection	483		Z133	Munjane Simashwini		-
AbaQulusi	On hold	Hlahlindlela	14	Bulk Supply Connection	385		Z131	Ezibomvu		-
AbaQulusi	On hold	Hlahlindlela	14	Bulk Supply Connection	237		Z126	Qweqwe 1		-
AbaQulusi	On hold	Hlahlindlela	14	Bulk Supply Connection	247		Z130	Elosi		-
AbaQulusi	On hold	Hlahlindlela	14	Bulk Supply Connection	201		Z128	Sofaya		-
AbaQulusi	On hold	Hlahlindlela	15	Secondary Bulks	160	13		Regional bulk pipeline from Emadwaleni to Mhlangeni reservoir	18 151	
AbaQulusi	On hold	Hlahlindlela	15	Secondary Bulks	160	2 169		Regional bulk pipeline from Emadwaleni to Mhlangeni reservoir	3 090 161	
AbaQulusi	On hold	Hlahlindlela	15	Secondary Bulks	160	12		Regional bulk pipeline from Emadwaleni to Mhlangeni reservoir	17 303	
AbaQulusi	On hold	Hlahlindlela	15	Secondary Bulks	160	25		Regional pipeline from Mhlangeni to Mphezulu reservoir	36 190	
AbaQulusi	On hold	Hlahlindlela	15	Secondary Bulks	160	1 268		Regional pipeline from Mhlangeni to Mphezulu reservoir	1 805 793	
AbaQulusi	On hold	Hlahlindlela	15	Secondary Bulks	160	25		Regional pipeline from Mhlangeni to Mphezulu reservoir	35 994	
AbaQulusi	On hold	Hlahlindlela	15	Secondary Bulks	160	1 207		Regional pipeline from Mhlangeni to Mphezulu reservoir	1 719 240	
AbaQulusi	On hold	Hlahlindlela	15	Secondary Bulks	75	875		Regional bulk pipeline from Emadwaleni to Mhlangeni reservoir	411 110	
AbaQulusi	On hold	Hlahlindlela	15	Secondary Bulks	63	2 111		Regional pipeline from Mphezulu to existing Bhobozani reservoir	918 170	
AbaQulusi	On hold	Hlahlindlela	15	Secondary Bulks	63	10		Regional pipeline from Mphezulu to existing Bhobozani reservoir	4 494	
AbaQulusi	On hold	Hlahlindlela	15	Secondary Bulks	63	2 449		Regional pipeline from Mphezulu to existing Bhobozani reservoir	1 065 066	
AbaQulusi	On hold	Hlahlindlela	15	Secondary Bulks	63	111		Regional pipeline from Mphezulu to existing Bhobozani reservoir	48 164	
AbaQulusi	On hold	Hlahlindlela	15	Secondary Bulks	110	2 603		Regional pipeline to Esigodini	2 564 280	
AbaQulusi	On hold	Hlahlindlela	15	Storage	250KI			Regional reservoir at Mhlangeni	1 358 720	
AbaQulusi	On hold	Hlahlindlela	15	Storage	1MI			Regional reservoir at Mphezulu	2 824 439	
AbaQulusi	On hold	Hlahlindlela	15	Settlement Reticulation	253		Z116	Bhobozani		5 117 538
AbaQulusi	On hold	Hlahlindlela	15	Settlement Reticulation	231		Z119	Mhlangeni		4 576 660
AbaQulusi	On hold	Hlahlindlela	15	Bulk Supply Connection	417		Z120	Mphezulu		-
AbaQulusi	On hold	Hlahlindlela	15	Bulk Supply Connection	298		Z121	St Paul		-
AbaQulusi	On hold	Hlahlindlela	15	Settlement Reticulation	39		Z122	Jojosini		1 055 232
AbaQulusi	On hold	Hlahlindlela	15	Bulk Supply Connection	523		Z125	Esigodini		-
AbaQulusi	On hold	Hlahlindlela	15	Bulk Supply Connection	718		Z137	Ezidulini		-

REGIONAL SCHEME ROLLOUTS

LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
AbaQulusi	On hold	Hlahlindlela	16	Secondary Bulks	200	1 104		Regional bulk pipelines connecting Reservoir 2 with existing bulk pipeline at Zwelisha	1 824 528	
AbaQulusi	On hold	Hlahlindlela	16	Secondary Bulks	250	2 395		Regional bulk pipelines connecting Reservoir 2 with existing bulk pipeline at Zwelisha	5 048 362	
AbaQulusi	On hold	Hlahlindlela	17	Secondary Bulks	160	269		Regional bulk pipeline from Nceneri to Emadwaleni reservoir	382 890	
AbaQulusi	On hold	Hlahlindlela	17	Secondary Bulks	160	267		Regional bulk pipeline from Nceneri to Emadwaleni reservoir	380 810	
AbaQulusi	On hold	Hlahlindlela	17	Secondary Bulks	160	82		Regional bulk pipeline from Nceneri to Emadwaleni reservoir	117 200	
AbaQulusi	On hold	Hlahlindlela	17	Secondary Bulks	160	2 625		Regional bulk pipeline from Nceneri to Emadwaleni reservoir	3 739 549	
AbaQulusi	On hold	Hlahlindlela	17	Secondary Bulks	160	25		Regional bulk pipeline from Nceneri to Emadwaleni reservoir	36 220	
AbaQulusi	On hold	Hlahlindlela	17	Secondary Bulks	160	912		Regional bulk pipeline from Emadwaleni to Mlangeni reservoir	1 298 950	
AbaQulusi	On hold	Hlahlindlela	17	Settlement Reticulation	109		Z941	Emadwaleni 1		2 539 152
AbaQulusi	On hold	Hlahlindlela	19	Bulks	350	8 135		Bulk pipeline connecting Bulk Reservoir 3 with eMondollo WTW (Wards 19,18 & 17)	16 372 517	
AbaQulusi	On hold	Hlahlindlela	21	Secondary Bulks	90	239		Regional pipelines to new reservoir at Nhloshana	124 913	
AbaQulusi	On hold	Hlahlindlela	21	Secondary Bulks	200	4		Regional pipelines from Nhloshana to new reservoir at Amahlathi	6 522	
AbaQulusi	On hold	Hlahlindlela	21	Secondary Bulks	200	795		Regional pipelines to new reservoir at Ezidulini	1 313 741	
AbaQulusi	On hold	Hlahlindlela	21	Secondary Bulks	110	4 886		Regional pipelines to new reservoir at Ezidulini	4 812 839	
AbaQulusi	On hold	Hlahlindlela	21	Secondary Bulks	110	11		Regional pipelines to new reservoir at Ezidulini	10 706	
AbaQulusi	On hold	Hlahlindlela	21	Secondary Bulks	75	337		Regional pipelines to new reservoir at Ezidulini	158 357	
AbaQulusi	On hold	Hlahlindlela	21	Secondary Bulks	200	817		Regional pipelines to new reservoir at Nhloshana	1 351 261	
AbaQulusi	On hold	Hlahlindlela	21	Secondary Bulks	200	2 782		Regional pipelines to new reservoir at Nhloshana	4 599 598	
AbaQulusi	On hold	Hlahlindlela	21	Secondary Bulks	200	258		Regional pipelines from Nhloshana to new reservoir at Amahlathi	427 075	
AbaQulusi	On hold	Hlahlindlela	21	Secondary Bulks	200	4 207		Regional pipelines from Nhloshana to new reservoir at Amahlathi	6 956 244	
AbaQulusi	On hold	Hlahlindlela	21	Secondary Bulks	200	43		Regional pipelines from Nhloshana to new reservoir at Amahlathi	71 387	
AbaQulusi	On hold	Hlahlindlela	21	Secondary Bulks	110	1 490		Regional pipeline to new reservoir at Enhlahleni	1 467 681	
AbaQulusi	On hold	Hlahlindlela	21	Storage	100Kl			New regional Reservoir at Enhlahleni	796 138	
AbaQulusi	On hold	Hlahlindlela	21	Storage	650Kl			New reservoir at Ezidulini	2 564 584	
AbaQulusi	On hold	Hlahlindlela	21	Storage	200Kl			New regional reservoir at Mdundubenzi	1 188 880	
AbaQulusi	On hold	Hlahlindlela	21	Storage	200Kl			New regional reservoir at Nhloshana	1 188 880	
AbaQulusi	On hold	Hlahlindlela	21	Bulk Supply Connection	59		Z809	Mdundubenzi		-
AbaQulusi	On hold	Hlahlindlela	21	Bulk Supply Connection	105		Z136	Nhloshana		-
AbaQulusi	On hold	Hlahlindlela	21	Bulk Supply Connection	39		Z134	Ngonini		-
AbaQulusi	On hold	Hlahlindlela	21	Bulk Supply Connection	92		Z135	Khuthuza		-
AbaQulusi	On hold	Hlahlindlela	22	Bulks	450	6 260		Bulk pipeline from Reservoir 1 to Reservoir 2 at Driekwart	17 649 242	
AbaQulusi	On hold	Hlahlindlela	22	Bulks	450	13 803		Bulk pipeline from Reservoir 1 to Reservoir 2 at Driekwart	38 916 107	
AbaQulusi	On hold	Hlahlindlela	22	Bulks	450	4 544		Rising Main from WTW to 5ML Res	12 811 819	
AbaQulusi	2016/17	Khambi	5	Settlement Reticulation	28		ZMAP75	Boschoek (Mgobhozi)		7 700 000
AbaQulusi	>2017	Khambi	4	New Scheme				New Scheme	-	2 100 000
AbaQulusi	>2017	Khambi	2	Settlement Reticulation	6		ZMAP62	Ketango		200 000
AbaQulusi	>2017	Khambi	2	Settlement Reticulation	34		ZMAP64	Mooiplaats		1 200 000
AbaQulusi	>2017	Khambi	4	Settlement Reticulation	24		ZMAP55	Weltevreden 2		1 100 000
AbaQulusi	>2017	Khambi	2	Settlement Reticulation	21		ZMC13	Nlabazelaqa		817 220
AbaQulusi	>2017	Khambi	3	Settlement Reticulation	63		Z893	Hlazen		2 043 050
eDumbe	Pending Masterplan Outcome	Coronation	7	Settlement Reticulation	27		ZTAS56	Palmietfontein (Rondspring 137, Kwambhedleni)		939 803
eDumbe	Pending Masterplan Outcome	Coronation	7	Settlement Reticulation	9		ZTAS53	Palmietfontein (Rondspring 137, Gezahlala)		326 888
eDumbe	Pending Masterplan Outcome	Coronation	7	Settlement Reticulation	46		ZPM34	Baqulusini 4		1 716 162
eDumbe	Pending Masterplan Outcome	Coronation	7	Settlement Reticulation	22		ZTAS54	Palmietfontein 5841 (Mbambazo)		858 081
eDumbe	Pending Masterplan Outcome	Coronation	7	Settlement Reticulation	97		Z786	Helpmekaar		3 228 019
eDumbe	Pending Masterplan Outcome	Coronation	7	Settlement Reticulation	65		ZTAS55	Palmietfontein (Kwambimbhaga)		2 124 772
eDumbe	Pending Masterplan Outcome	Coronation	7	Settlement Reticulation	18		ZPM35	Baqulusini 5		612 915

REGIONAL SCHEME ROLLOUTS

LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
eDumbe	2016-2018	Simdlangentsha West	4	Treatment	10ml			Phase2 10ML to Sim West	96 000 000	
eDumbe	>2017	Simdlangentsha West	4	Pump Station				Upgrade existing PS	1 161 600	
eDumbe	>2017	Simdlangentsha West	4	Bulks	600	1 166		New Rising Main from WTW to Regional Bulk Reservoir	4 948 078	
eDumbe	>2017	Simdlangentsha West	4	Bulks	300	1 063		Phase1 upgrade to existing Rising Main	1 791 705	
eDumbe	>2017	Simdlangentsha West	2	Bulks	125	4 308		New regional bulk pipeline connecting Embizeni and Ezibomvu schemes	4 609 251	
eDumbe	>2017	Simdlangentsha West	2	Bulks	400	1 298		New Bulk Feed from Res to Frischgewaagd	2 678 148	
eDumbe	>2017	Simdlangentsha West	2	Bulks	200	3 069		New regional bulk pipeline to bulk reservoir at Embizeni	4 247 932	
eDumbe	>2017	Simdlangentsha West	2	Bulks	400	29		New regional bulk pipeline to bulk reservoir at Embizeni	60 587	
eDumbe	>2017	Simdlangentsha West	2	Bulks	350	5 242		New Revised TOR 15Feb10	10 549 612	
eDumbe	>2017	Simdlangentsha West	2	Storage	30KI			New secondary reservoir at Embizeni	509 520	
eDumbe	>2017	Simdlangentsha West	2	Storage	200kl			New regional reservoir	1 188 880	
eDumbe	>2017	Simdlangentsha West	2	Storage	5ML			New Frischgewaagd Reservoir	7 239 939	
eDumbe	>2017	Simdlangentsha West	2	Storage	5ML			New Bulk Regional Reservoir	7 239 939	
eDumbe	>2017	Simdlangentsha West	2	Storage	5ML			New Storage Res	7 239 939	
eDumbe	>2017	Simdlangentsha West	2	Storage	1ML			New Bulk Regional reservoir at Embizeni	2 824 439	
eDumbe	>2017	Simdlangentsha West	2	Pump Station				New Bulk pump station at Embizeni	3 327 500	
eDumbe	>2017	Simdlangentsha West	4	Bulks	600	2 145		New Rising Main from WTW to Regional Bulk Reservoir	10 038 641	
eDumbe	>2017	Simdlangentsha West	4	Bulks	600	1 059		New Rising Main from WTW to Regional Bulk Reservoir	4 491 051	
eDumbe	>2017	Simdlangentsha West	4	Pump Station				New PS as part of upgrade	4 891 425	
eDumbe	>2017	Simdlangentsha West	4	Storage	500kl			New Balancing Res from WTW to new Regional Bulk Reservoir	2 347 189	
eDumbe	>2017	Simdlangentsha West	5	Bulk Supply Connection	982		Z94	Tholakela		-
eDumbe	>2017	Simdlangentsha West	5	Bulk Supply Connection	170		Z95	Mpundu		-
eDumbe	>2017	Simdlangentsha West	5	Bulk Supply Connection	47		Z766	Pivaanspoort		-
eDumbe	>2017	Simdlangentsha West	5	Bulk Supply Connection	52		Z765	Ko Diomo		-
eDumbe	>2017	Simdlangentsha West	5	Bulk Supply Connection	197		Z435	Kwa Vova		-
eDumbe	>2017	Simdlangentsha West	5	Bulks	125	2 288		New regional bulk pipeline to connect Balmoral and Mpundu scheme	2 448 310	
eDumbe	>2017	Simdlangentsha West	5	Bulks	75	3 685		Regional bulk to connect Tholakela and Balmoral schemes	1 731 188	
eDumbe	>2017	Simdlangentsha West	5	Bulks	110	201		New regional bulk pipeline connecting Embizeni and Ezibomvu schemes	197 627	
eDumbe	>2017	Simdlangentsha West	5	Bulks	125	899		Bulk mains from Ezibomvu to Tholakela	961 901	
eDumbe	>2017	Simdlangentsha West	5	Storage	30KI			New regional reservoir at Mpundu	509 520	
eDumbe	>2017	Simdlangentsha West	5	Storage	80KI			New regional reservoir at Kwa Vova	775 214	
eDumbe	>2017	Simdlangentsha West	5	Storage	10kl			New res at Balmoral	341 276	
eDumbe	>2017	Simdlangentsha West	5	BPT				BPT on new piepline between Tholakela and Balmoral schemes	84 920	
eDumbe	>2017	Simdlangentsha West	5	Storage	100kl			New secondary reservoir for Ezibomvu	796 138	
eDumbe	>2017	Simdlangentsha West	5	Storage	100KI			New regional reservoir at Mpundu	796 138	
eDumbe	>2017	Simdlangentsha West	6	Bulk Supply Connection	14		ZMAP7	New		-
eDumbe	>2017	Simdlangentsha West	6	Bulk Supply Connection	71		Z108	Enkembeni A		-
eDumbe	>2017	Simdlangentsha West	6	Bulk Supply Connection	24		Z107	Enkembeni B		-
eDumbe	>2017	Simdlangentsha West	6	Bulk Supply Connection	117		Z106	Enkembeni C		-
eDumbe	>2017	Simdlangentsha West	6	Bulk Supply Connection	72		ZHC1	Obishini		-
eDumbe	>2017	Simdlangentsha West	6	Bulk Supply Connection	112		Z103	Emadulini		-
eDumbe	>2017	Simdlangentsha West	6	Bulk Supply Connection	80		Z97	Mahlosane		-
eDumbe	>2017	Simdlangentsha West	6	Bulk Supply Connection	88		Z100	Mphelanelaba		-
eDumbe	>2017	Simdlangentsha West	6	Bulk Supply Connection	97		Z101	Emakholweni 1		-
eDumbe	>2017	Simdlangentsha West	6	Bulk Supply Connection	260		Z98	Gedlase		-
eDumbe	>2017	Simdlangentsha West	6	Bulk Supply Connection	108		Z433	Gwebu 1		-
eDumbe	>2017	Simdlangentsha West	6	Bulk Supply Connection	115		Z111	Lujolwana		-
eDumbe	>2017	Simdlangentsha West	6	Bulk Supply Connection	34		ZMAP8	New		-

REGIONAL SCHEME ROLLOUTS

LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
eDumbe	>2017	Simdlangentsha West	6	Bulks	125	2 076		New regional bulk pipeline to connect Balmoral and Mpundu scheme	2 221 776	
eDumbe	>2017	Simdlangentsha West	6	Bulks	63	1 391		New regional bulk pipeline connecting Emakholweni1 with Lujoiwana	605 058	
eDumbe	>2017	Simdlangentsha West	6	Bulks	63	583		New regional bulk pipeline connecting Emakholweni1 with Lujoiwana	253 711	
eDumbe	>2017	Simdlangentsha West	6	Bulks	50	2 146		New regional bulk pipeline connecting Emakholweni1 with Lujoiwana	864 152	
eDumbe	>2017	Simdlangentsha West	6	Storage	80KI			New res at Balmoral	775 214	
eDumbe	>2017	Simdlangentsha West	6	Storage	30kl			New regional reservoir at Gedlase	509 520	
eDumbe	>2017	Simdlangentsha West	6	Storage	30KI			New regional reservoir at Emadulini	509 520	
eDumbe	>2017	Simdlangentsha West	6	Storage	30KI			New regional reservoir at Lujoiwana	509 520	
eDumbe	>2017	Simdlangentsha West	6	Storage	30KI			New regional reservoir at Gwebu1	509 520	
eDumbe	>2017	Simdlangentsha West	6	Storage	30kl			New regional reservoir at Gedlase	509 520	
eDumbe	>2017	Simdlangentsha West	6	Pump Station				New regional pump station from Gedlase to Gwebu1	2 096 325	
eDumbe	>2017	Simdlangentsha West	6	BPT				New BPT at Lujoiwana	84 920	
eDumbe	>2017	Simdlangentsha West	7	Bulk Supply Connection	135		Z432	Obivane 1		-
eDumbe	>2017	Simdlangentsha West	7	Storage	30kl			New regional reservoir at Obivane 1	509 520	
eDumbe	>2017	Simdlangentsha West	8	Bulk Supply Connection	977		Z430	Opuzane		-
eDumbe	>2017	Simdlangentsha West	8	Bulk Supply Connection	43		ZHC24	Mthethwa Trust (Haasfontein)		-
eDumbe	>2017	Simdlangentsha West	8	Bulk Supply Connection	24		ZHC22	Amberg (Rekwest 204)		-
eDumbe	>2017	Simdlangentsha West	8	Bulks	125	2 771		Regional bulk to new Tholakela reservoir	2 965 219	
eDumbe	>2017	Simdlangentsha West	8	Bulks	160	3 451		New regional bulk pipeline connecting Maphayiphini and Leliefontein schemes	4 916 051	
eDumbe	>2017	Simdlangentsha West	8	Bulks	110	680		Regional bulk to new Maphayiphini reservoir	669 473	
eDumbe	>2017	Simdlangentsha West	8	Bulks	110	1 411		Regional bulk to new Ophuzane reservoir	1 389 551	
eDumbe	>2017	Simdlangentsha West	8	Bulks	110	1 518		Regional bulk to new Ophuzane reservoir	1 495 154	
eDumbe	>2017	Simdlangentsha West	8	Bulks	50	28		Regional bulk to new Maphayiphini reservoir	11 296	
eDumbe	>2017	Simdlangentsha West	8	Bulks	110	221		Regional bulk to new Maphayiphini reservoir	217 417	
eDumbe	>2017	Simdlangentsha West	8	Storage	30kl			New secondary bulk reservoir for Ezibomvu	509 520	
eDumbe	>2017	Simdlangentsha West	8	Storage	100KI			New reservoir at Leliefontein	796 138	
eDumbe	>2017	Simdlangentsha West	8	Storage	30KI			New reservoir at Maphayiphini	509 520	
eDumbe	>2017	Simdlangentsha West	8	Storage	30KI			New reservoir for Mthethwa Trust (Haasfontein)	509 520	
eDumbe	>2017	Simdlangentsha West	5,6	Bulk Supply Connection	417		Z105	Balmoral		-
eDumbe	>2017	Simdlangentsha West	5,6	Bulk Supply Connection	52		Z434	Maqulusini		-
Nongoma	Completed	Mandhiakazi	0	Treatment	10ML			Upgrade WTW for additional demand in Mandi Phase5	74 099 300	
Nongoma	Completed	Mandhiakazi	8	Settlement Reticulation	603		Z174	Buxedene		
Nongoma	In progress	Mandhiakazi	8	Settlement Reticulation	101		Z175	Khamangweni		
Nongoma	In Progress	Mandhiakazi	8	Settlement Reticulation	97		Z177	Kwashonongo		
Nongoma	In Progress	Mandhiakazi	8	Settlement Reticulation	66		ZBUK39	Esikhalelisowuwa		5 046 154
Nongoma	In Progress	Mandhiakazi	8	Settlement Reticulation	118		Z185	Hawini		
Nongoma	In Progress	Mandhiakazi	8	Settlement Reticulation	314		Z184	Mavulazi		6 000 000
Nongoma	2016/17	Mandhiakazi South	7	Settlement Reticulation	152		Z178	Gwebu 2		
Nongoma	2016/17	Mandhiakazi South	7	Settlement Reticulation	193		Z183	Mphola		5 985 450
Nongoma	2016/17	Mandhiakazi West	1	Bulks	100	4 387		GM 1 - Res A (H) to Res B	-	
Nongoma	2016/17	Mandhiakazi West	1	Bulks	100	5 006		GM 2 - Res B to Res H1	-	
Nongoma	2016/17	Mandhiakazi West	1	Storage	300kl			Proposed 300KI Elevated retic tank @ 660m (MSW)	-	
Nongoma	2016/17	Mandhiakazi West	1	Storage	1ML			1MI Bulk RC Res B @ 653m	-	
Nongoma	2016/17	Mandhiakazi West	1	Pump Station	648m			Pump station @ 648m	-	

REGIONAL SCHEME ROLLOUTS

LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Nongoma	>2017	Mandhlakazi West	2	Settlement Reticulation	12		Z951	Mhwandlana 1		
Nongoma	>2017	Mandhlakazi	5	Storage	750kl			For Singande, Mithucongo, Newtown, Khethankomo and Ovukneni (583 houses * 1.2 =	-	
Nongoma	>2017	Mandhlakazi	7	Settlement Reticulation	6		Z952	Mbembe		500 000
Nongoma	>2017	Mandhlakazi	7	Settlement Reticulation	117		Z179	Gwebu 3		2 200 000
Nongoma	>2017	Mandhlakazi	7	Settlement Reticulation	77		Z181	Sinkonkonko		1 250 000
Nongoma	>2017	Mandhlakazi	7	Settlement Reticulation	73		Z182	Gwebu 4		1 250 000
Nongoma	>2017	Mandhlakazi	7	Settlement Reticulation	220		Z180	Wela 2		2 998 839
Nongoma	>2017	Mandhlakazi	7	Settlement Reticulation	29		ZBUK20	Qwasimane		750 000
Nongoma	>2017	Mandhlakazi	1	Bulks	350	17 647		GM 18 - From GM1 offtake near Res A to Bulk Res IJ - 17.8km of 350mm dia DI (K9)	-	
Nongoma	>2017	Mandhlakazi	1	Bulks	350	4 407		Future 350DI Bulk Gravity Main extension	-	
Nongoma	>2017	Mandhlakazi	1	Bulks	100	574		GM 4 - GM2 offtake to Res D1	-	
Nongoma	>2017	Mandhlakazi	1	Bulks	100	1 120		GM 3 - Res B to Res C1	-	
Nongoma	>2017	Mandhlakazi	1	Storage	150kl			150KI RC Res C1 @ 600m	-	
Nongoma	>2017	Mandhlakazi	1	Storage	500kl			500KI RC Res D1 @ 605m	-	
Nongoma	>2017	Mandhlakazi	1	Settlement Reticulation	48		Z291	Gega		1 450 944
Nongoma	>2017	Mandhlakazi	1	Settlement Reticulation	16		Z313	Mngamunde		612 915
Nongoma	>2017	Mandhlakazi	1	Settlement Reticulation	56		Z304	Mengase		2 206 494
Nongoma	>2017	Mandhlakazi	1	Settlement Reticulation	86		Z290	Zidwadweni		3 228 019
Nongoma	>2017	Mandhlakazi	2	Bulks	100	4 194		GM 19 - GM 18 Res H2 offtake to Res H2. 4.2km of 100mm dia DI (K9)	-	
Nongoma	>2017	Mandhlakazi	2	Sec Bulks	100	129		GM 23 - Res J2 offtake to Res J2. 150m of 100mm dia DI (K9)	-	
Nongoma	>2017	Mandhlakazi	2	Sec Bulks	100	9 551		GM 22 - Res IJ Bulk to Res J3	-	
Nongoma	>2017	Mandhlakazi	2	Storage	100kl			100KI RC Res H2 @ 550m For Kati, Esixeni an Kwankwene = 65 houses * 1.2 = 78 hou	-	
Nongoma	>2017	Mandhlakazi	2	Storage	100kl			Existing 100KI Res J3 @ 475m For 49 houses in Vusu Musi, and 23 houses in Nganga	-	
Nongoma	>2017	Mandhlakazi	2	Storage	200kl			200KI RC Res J2 @ 565m For Maswazini (23), Cisho (29), Ntenjane (26), a portion	-	
Nongoma	>2017	Mandhlakazi	2	BPT	1KL			1KI LWTS BPT @ 545m	-	
Nongoma	>2017	Mandhlakazi	2	Settlement Reticulation	85		Z229	Msebe		3 309 741
Nongoma	>2017	Mandhlakazi	2	Settlement Reticulation	51		ZBUK11	Vusu Musi		1 757 023
Nongoma	>2017	Mandhlakazi	2	Settlement Reticulation	69		Z230	Nqangayiphi		2 615 104
Nongoma	>2017	Mandhlakazi	2	Settlement Reticulation	37		ZMAP37	Kati		1 470 996
Nongoma	>2017	Mandhlakazi	2	Settlement Reticulation	30		Z234	Kwankweme		989 280
Nongoma	>2017	Mandhlakazi	2	Settlement Reticulation	21		Z236	Esixeni		817 220
Nongoma	>2017	Mandhlakazi	2	Settlement Reticulation	37		Z235	Maswazini		1 220 112
Nongoma	>2017	Mandhlakazi	2	Settlement Reticulation	41		Z237	Cisho		1 319 040
Nongoma	>2017	Mandhlakazi	2	Settlement Reticulation	34		ZMAP38	Ntenjane		1 266 691
Nongoma	>2017	Mandhlakazi	2	Settlement Reticulation	61		ZMAP39	Dungamanzi 1		2 369 938
Nongoma	>2017	Mandhlakazi	2	Settlement Reticulation	62		Z238	Zikaniphela		2 451 660
Nongoma	>2017	Mandhlakazi	2	Settlement Reticulation	41		ZBUK21	Enkanyezini		1 319 040
Nongoma	>2017	Mandhlakazi	2	Settlement Reticulation	116		Z251	Ovukneni		2 314 179
Nongoma	>2017	Mandhlakazi	3	Bulks		-		Zone Phase 5.5 Bulks	138 000 000	
Nongoma	>2017	Mandhlakazi	3	Bulks		-		Zone Phase 5.1 Bulks	25 000 000	
Nongoma	>2017	Mandhlakazi	3	Bulks		-		Zone Phase 5.3 Bulks	26 000 000	

REGIONAL SCHEME ROLLOUTS

LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Nongoma	>2017	Mandhlakazi	3	Sec Bulks	100	4 740		GM 9 - Res C2 to Res C3. 4.75km of 100mm dia DI	-	
Nongoma	>2017	Mandhlakazi	3	Sec Bulks	100	8 883		GM 8 - Res C1 to Res C2 - 8.9km of 100mm dia DI	-	
Nongoma	>2017	Mandhlakazi	3	Sec Bulks	100	350		GM 13 - Res D3 offtake to Res D3. 350m of 100mm dia DI.	-	
Nongoma	>2017	Mandhlakazi	3	Sec Bulks	100	6 759		GM 12 - Res D3 offtake to Res F2 - 6.8km of 100mm dia DI	-	
Nongoma	>2017	Mandhlakazi	3	Sec Bulks	100	837		GM 17 - Res E2 offtake to Res E2. 840m of 100mm dia DI	-	
Nongoma	>2017	Mandhlakazi	3	Sec Bulks	100	477		GM 14 - Res F1 offtake to Res F1. 500m of 100mm dia DI	-	
Nongoma	>2017	Mandhlakazi	3	Sec Bulks	100	7 780		GM 15 - Res F2 to Res F3 (7.8km of 100mm dia DI)	-	
Nongoma	>2017	Mandhlakazi	3	Sec Bulks	150	4 459		GM 10 - Res D1 to Res D2 - 4.46km of 150mm dia DI	-	
Nongoma	>2017	Mandhlakazi	3	Sec Bulks	150	3 024		GM 11 - Res D2 to Res D3 offtake - 3.02km of 150mm dia DI	-	
Nongoma	>2017	Mandhlakazi	3	Sec Bulks	200	14 283		GM 5 - EG Offtake from GM2 to Res G - 14.5km (200mm dia DI)	-	
Nongoma	>2017	Mandhlakazi	3	BPT	1kl			1KI LWTS BPT @ 550m	-	
Nongoma	>2017	Mandhlakazi	3	Storage	100kl			100KI RC Res C2 @ 440m	-	
Nongoma	>2017	Mandhlakazi	3	Storage	100kl			100KI RC Res C3 @ 358m	-	
Nongoma	>2017	Mandhlakazi	3	Storage	200kl			New 200KI RC Res F2 @ 388m (Interconnect with existing) = 400KI. For Sovana, NJ	-	
Nongoma	>2017	Mandhlakazi	3	Storage	200kl			New 200KI RC Res F3 @ 334m For Mapambeni and Dlakuse (103+47)*1.2 = 180°6.76°60°	-	
Nongoma	>2017	Mandhlakazi	3	Storage	300kl			Res D2	-	
Nongoma	>2017	Mandhlakazi	3	Storage	100kl			100KI RC Res F1 @ 395m	-	
Nongoma	>2017	Mandhlakazi	3	Storage	300kl			300KI RC Res D3 @ 480m	-	
Nongoma	>2017	Mandhlakazi	3	Storage	100kl			New 100KI RC Res E2 @ 422m For Shalasha and Ematholmane	-	
Nongoma	>2017	Mandhlakazi	3	Storage	150kl			Existing 150KI Res to be used for future Pump Storage to Western Zone. Old boreh	-	
Nongoma	>2017	Mandhlakazi	3	Storage	1ML			New 1M RC Res G1 @ 480m Res to supply Maqhineni, Maceneneni, Ezinhlabeni, Qondile	-	
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	75		Z320	Kwagongolozane		2 982 853
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	111		Z336	Mapambeni		3 396 528
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	45		Z337	Dlakuse		1 384 992
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	21		Z295	Ezingweni		626 544
Nongoma	>2017	Mandhlakazi	3	Bulk Supply Connection	157		Z297	Qondile 1		-
Nongoma	>2017	Mandhlakazi	3	Bulk Supply Connection	14		ZBUK26	Maceneneni		-
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	40		Z314	Emathlomane		1 253 088
Nongoma	>2017	Mandhlakazi	3	Bulk Supply Connection	41		Z300	Gagasini		-
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	53		ZBUK29	Shalasha		1 516 896
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	57		Z322	Esigodiphola 1		1 430 187
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	87		Z321	Mqxanyini		3 554 907
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	82		Z316	Mduda		2 638 080
Nongoma	>2017	Mandhlakazi	3	Bulk Supply Connection	47		ZBUK27	Maqhineni		-
Nongoma	>2017	Mandhlakazi	3	Bulk Supply Connection	80		Z315	Number7		-
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	42		Z298	Ezinhlabeni		1 154 160
Nongoma	>2017	Mandhlakazi	3	Bulk Supply Connection	70		Z299	Emaggebeni (Mlaza)		-
Nongoma	>2017	Mandhlakazi	3	Bulk Supply Connection	163		Z296	Domba		-
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	89		Z317	Hlushwaneni		2 802 960
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	99		Z303	Mthonjaneni		3 264 624
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	69		Z334	Esikuthwaneni		2 655 965

REGIONAL SCHEME ROLLOUTS

LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	48		Z323	Okhaiweni 2		1 582 848
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	5		Z333	Esgelwini		204 305
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	68		Z332	Njonyomane		2 369 938
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	80		Z330	Sovana		2 572 128
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	17		ZBUK25	Magdene		612 915
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	52		Z327	Macijo		1 582 848
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	51		Z328	Kolubomvu 2		1 961 328
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	95		Z331	Machibini		3 554 907
Nongoma	>2017	Mandhlakazi	3	Settlement Reticulation	36		Z329	Vesonweni		1 187 136
Nongoma	>2017	Mandhlakazi	4	Settlement Reticulation	146		Z211	Khokhwanweni		3 286 921
Nongoma	>2017	Mandhlakazi	4	Bulk Supply Connection	255		Z210	Maggelweni		-
Nongoma	>2017	Mandhlakazi	5	Sec Bulks	100	354		GM 16 - Res E1 offtake to Res E1 - 350m of 100mm dia DI	-	
Nongoma	>2017	Mandhlakazi	5	Sec Bulks	100	36		GM 21 - Res I2 offtake to Res I2 - 50m of 100mm dia DI (K9)	-	
Nongoma	>2017	Mandhlakazi	5	Storage	300kl			New 300KI RC Res E1 @ 490m For Mahlomane, Kolumbomvu and Kwajuba	-	
Nongoma	>2017	Mandhlakazi	5	Storage	100kl			100KI RC Res I2 @ 540m To supply Mphuphusi (90 houses) = 90 *1.2 = 108 houses	-	
Nongoma	>2017	Mandhlakazi	5	Storage	2ML			2MI Bulk RC Res I/J @ 615m Split chamber reservoir (3 way split) 700KI MI for Zo	-	
Nongoma	>2017	Mandhlakazi	5	Pump Station	610m			PS	-	
Nongoma	>2017	Mandhlakazi	5	BPT	200kl			Proposed 200KI BPT @ 594m	-	
Nongoma	>2017	Mandhlakazi	5	Settlement Reticulation	25		Z294	Kolubomvu 1		640 552
Nongoma	>2017	Mandhlakazi	5	Settlement Reticulation	120		Z292	Kwajuba		2 885 465
Nongoma	>2017	Mandhlakazi	5	Settlement Reticulation	110		Z268	Ndimhlana		2 250 486
Nongoma	>2017	Mandhlakazi	5	Settlement Reticulation	96		Z250	Fakude		1 974 483
Nongoma	>2017	Mandhlakazi	5	Settlement Reticulation	128		Z269	Toyisa Langalesizwe		2 100 932
Nongoma	>2017	Mandhlakazi	5	Settlement Reticulation	122		Z270	Esheshi		2 462 796
Nongoma	>2017	Mandhlakazi	5	Settlement Reticulation	117		Z247	Mphuphusi		3 660 336
Nongoma	>2017	Mandhlakazi	5	Settlement Reticulation	76		Z718	Mahlomane		2 473 200
Nongoma	>2017	Mandhlakazi	5	Settlement Reticulation	102		Z248	Nhlebeli		2 707 788
Nongoma	>2017	Mandhlakazi	5	Settlement Reticulation	136		Z249	Ophaphasi		2 781 261
Nongoma	>2017	Mandhlakazi	5	Settlement Reticulation	77		Z271	Emphilweni		1 507 401
Nongoma	>2017	Mandhlakazi	5	Settlement Reticulation	62		Z264	New Town		1 659 612
Nongoma	>2017	Mandhlakazi	5	Settlement Reticulation	171		Z266	Khetankomo		2 795 595
Nongoma	>2017	Mandhlakazi	5	Settlement Reticulation	152		Z265	Mhincongo		3 099 726
Nongoma	>2017	Mandhlakazi	5	Settlement Reticulation	148		Z280	Sinqande		3 057 264
Nongoma	>2017	Mandhlakazi	6	Bulks	100	4 205		RM 1 - Pump station IJ to Bulk Res KLM	-	
Nongoma	>2017	Mandhlakazi	6	Storage	4ML			4MI Bulk RC Res K/L/M @ 692m 4MI Res with three compartments. 1MI for Zone K 2MI	-	
Nongoma	>2017	Mandhlakazi	6	Bulk Supply Connection	48		Z194	Qanda 1		-
Nongoma	>2017	Mandhlakazi	6	Bulk Supply Connection	321		Z187	Kwampaza		-
Nongoma	>2017	Mandhlakazi	6	Bulk Supply Connection	143		Z195	Ezibomvini		-

REGIONAL SCHEME ROLLOUTS

LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Nongoma	>2017	Mandhlakazi	6	Bulk Supply Connection	231		Z208	Khenani		-
Nongoma	>2017	Mandhlakazi	6	Bulk Supply Connection	167		Z209	Dushwini		-
Nongoma	>2017	Mandhlakazi	6	Settlement Reticulation	17		Z222	Esigodiphola 2		428 688
Nongoma	>2017	Mandhlakazi	6	Bulk Supply Connection	49		Z221	Cabowakhe		-
Nongoma	>2017	Mandhlakazi	6	Bulk Supply Connection	45		Z220	Phumanyova		-
Nongoma	>2017	Mandhlakazi	6	Settlement Reticulation	176		Z172	Dengeni		4 649 616
Nongoma	>2017	Mandhlakazi	6	Settlement Reticulation	106		Z173	Kwambongi		3 514 046
Nongoma	>2017	Mandhlakazi	7	Sec Bulks	100	7 644		GM 25 - From Res M Bulk to Res M4 - 7.65km of 100mm dia DI (K9)	-	
Nongoma	>2017	Mandhlakazi	7	Sec Bulks	100	10		GM 27 - From Res M3 offtake to Res M3 - 50m of 100mm dia DI (K9)	-	
Nongoma	>2017	Mandhlakazi	7	Sec Bulks	100	1 058		GM 26 - Res M2 Offtake to Res M2 - 1.1km of 100mm dia DI)	-	
Nongoma	>2017	Mandhlakazi	7	Storage	100kl			100KI RC Res M3 @ 580m To supply Mpungwini (37 houses) = 37*1.2= 44 houses	-	
Nongoma	>2017	Mandhlakazi	7	Storage	100kl			100KI RC Res M2 @ 560m To supply Sibanyaneni (80), and portion of Mqolokotho (11	-	
Nongoma	>2017	Mandhlakazi	7	Storage	300kl			300KI RC Res M4 @ 605m For Dongothule (133), Bhidi (43) and Makhcaneni (73)= 24	-	
Nongoma	>2017	Mandhlakazi	7	Settlement Reticulation	38		Z957	Nzondwane		1 348 413
Nongoma	>2017	Mandhlakazi	7	Settlement Reticulation	183		Z197	Mpuqweni		5 737 824
Nongoma	>2017	Mandhlakazi	7	Settlement Reticulation	50		Z955	Manganeni		1 549 872
Nongoma	>2017	Mandhlakazi	7	Settlement Reticulation	76		Z206	Nkungwini		2 407 248
Nongoma	>2017	Mandhlakazi	7	Settlement Reticulation	34		Z205	Chinamorgan		1 088 208
Nongoma	>2017	Mandhlakazi	7	Settlement Reticulation	21		ZBUK23	Mqolokotho		817 220
Nongoma	>2017	Mandhlakazi	7	Settlement Reticulation	73		Z954	Bhidi		2 275 344
Nongoma	>2017	Mandhlakazi	7	Settlement Reticulation	152		Z956	Egudu		5 189 347
Nongoma	>2017	Mandhlakazi	8	Sec Bulks	200	10 745		GM 24 - From Bulk Res KLM to Bulk Res M - 10.7km of 200mm dia DI (K9)	-	
Nongoma	>2017	Mandhlakazi	8	Storage	1ML			1MI RC Res M Bulk @ 673m Bulk and Retic Res with split cell. To supply Chinamorg	-	
Nongoma	>2017	Mandhlakazi	8	Settlement Reticulation	172		Z207	Nkonjeni		4 265 470
Nongoma	>2017	Mandhlakazi	8	Bulk Supply Connection	103		Z186	Ncemaneni		-
Nongoma	>2017	Mandhlakazi	8	Bulk Supply Connection	238		Z196	Bhekumthetho 2		-
Nongoma	>2017	Mandhlakazi	18	Bulks	150	10 367		GM 20 - GM 18 offtake to Res I2 & I3 - 10.4km of 150mm dia DI (K9)	-	
Nongoma	>2017	Mandhlakazi	18	Storage	750kl			Proposed 750KI Res I3 @ 585m Supplies Domba (142), Vumbuka (39), Umlazi (60), Ez	-	
Nongoma	>2017	Mandhlakazi	18	Bulk Supply Connection	35		Z246	Magomba		-
Nongoma	>2017	Mandhlakazi	18	Bulk Supply Connection	42		Z272	Nanqanyini		-
Nongoma	>2017	Mandhlakazi	18	Bulk Supply Connection	62		Z278	Umlazi		-
Nongoma	>2017	Mandhlakazi	18	Bulk Supply Connection	28		Z273	Ezikeleni		-
Nongoma	>2017	Mandhlakazi	18	Bulk Supply Connection	51		Z274	Mzini Enzondwane		-
Nongoma	>2017	Mandhlakazi	18	Bulk Supply Connection	27		ZBUK28	Emnzine		-
Nongoma	>2017	Mandhlakazi	18	Settlement Reticulation	97		Z240	Maduma		2 967 840
Nongoma	>2017	Mandhlakazi	18	Bulk Supply Connection	102		Z275	Hlabathini 1		-
Nongoma	>2017	Mandhlakazi	18	Bulk Supply Connection	16		Z276	Manganyini		-
Nongoma	>2017	Mandhlakazi	18	Settlement Reticulation	17		ZBUK24	Meyame		653 776
Nongoma	>2017	Mandhlakazi	18	Settlement Reticulation	125		Z243	Zibusele		3 660 336
Nongoma	>2017	Mandhlakazi	20	Sec Bulks	100	1 722		RM 3 - From RM 2 offtake to Tank K2 - 1.75km of 100mm dia DI (K9)	-	

REGIONAL SCHEME ROLLOUTS

LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Nongoma	>2017	Mandhlakazi	20	Sec Bulks	100	13 400		RM 2 - Rising Mains from Pump station IJ to Tank K3 - 13.5km of 100mm dia DI (K	-	
Nongoma	>2017	Mandhlakazi	20	Storage	500kl			500KI RC Res K3 @ 683m For Mane (190), Zibusele (102), Maduma (78) and Meyame	-	
Nongoma	>2017	Mandhlakazi	20	Storage	150kl			100KI Res K2 Elevated Tank @ 692m For Mkabane - 57 h/h	-	
Nongoma	>2017	Mandhlakazi	20	Storage	500kl			50KI Elevated Tank at 692m. For 25 households	-	
Nongoma	>2017	Mandhlakazi	20	Settlement Reticulation	218		Z630	Mane		3 970 197
Nongoma	>2017	Mandhlakazi	20	Settlement Reticulation	68		Z225	Mkabane		1 879 632
Nongoma	>2017	Mandhlakazi	20	Settlement Reticulation	201		Z226	Ekubungazeleni		4 717 108
Nongoma	>2017	Mandhlakazi	20	Settlement Reticulation	108		Z227	Mangushaneni		3 528 432
Nongoma	>2017	Mandhlakazi	2,4,5,6,7,8,18	Bulks		-		Zone Phase 5.4 Bulks	16 000 000	
Nongoma	>2017	Mandhlakazi	2,5	Settlement Reticulation	110		Z228	Isibonela		3 528 432
Nongoma	>2017	Mandhlakazi	2,7	Settlement Reticulation	123		Z204	Sibanyaneni		3 660 336
Nongoma	>2017	Mandhlakazi	3,18	Bulk Supply Connection	49		Z277	Vumbuka		-
Nongoma	>2017	Mandhlakazi	3,5	Bulks		-		Zone Phase 5.2 Bulks	35 000 000	
Nongoma	>2017	Mandhlakazi	4,6	Bulk Supply Connection	243		Z219	Esiphambeneni		-
Nongoma	>2017	Mandhlakazi	5,18,20	Settlement Reticulation	228		Z239	Banbelentulo		5 294 201
Nongoma	2019	Mandhlakazi	All	Bulks Upgrade to 20ML	10ML			Bulks upgrade from 10ML to 20ML (year 2019)	207 000 000	
Nongoma	2024	Mandhlakazi	All	Bulks Upgrade to 30ML	10ML			Bulks upgrade from 20ML to 30ML (year 2024)	25 000 000	
Nongoma	Completed	Usuthu	9	Bulks	450	3 245		Rising Main from Lindizwe PS2 to Bulk Res G		
Nongoma	In Progress	Usuthu	9	PS Mech/Electr				Holinyoka PS at Ndikandika	20 003 000	
Nongoma	In Progress	Usuthu	9	PS Mech/Electr				Lindizwe PS & Res G02 at Sikhleni	22 960 000	
Nongoma	In Progress	Usuthu	14	Storage	2ML			Bulk Res M at Phenyane2		
Nongoma	In Progress	Usuthu	14	Pump Station				Booster Pump Station at Ivuna for rising main to Ivuna dam WTW	19 410 725	
Nongoma	In Progress	Usuthu	15	Pump Station				PS H1,2,3 to Mahashini Bulk Res H	9 898 000	
Nongoma	In Progress	Usuthu	19	Storage				New bulks reservoir and retics within Nongoma town.	10 950 000	
Nongoma	In Progress	Usuthu	All	Usuthu EIA				Usuthu EIA	1 300 000	
Nongoma	In progress	Usuthu	15	Upgrade exist WTW	7ML			WTW, Extraction & PS Upgrade Stage 2 (2 x 7ML/day upgrades)	64 086 000	
Nongoma	In progress	Usuthu	20	Storage	7ML			Bulk Res G-2 at Nongoma Town	9 025 000	
Nongoma	2016/17	Usuthu	13	Source / Abstraction				Vuna Dam Dredging	4 500 000	
Nongoma	2016/17	Usuthu	15	ESKOM				Self-built power line from Enyokeni to main P/S	7 000 000	
Nongoma	2016/17	Usuthu	15	Dam Geotech				Off-storage dam (Geotech)	3 000 000	
Nongoma	2016/17	Usuthu	19	Bulks		-		Bulks from Nongoma town to surrounding settlements	16 600 000	
Nongoma	2016/17	Usuthu	9	Settlement Reticulation				Nongoma South Retics: Lindizwe, Esikhaleni		28 800 000
Nongoma	2016/17	Usuthu	15	Storage	2ml			Additional bulk reservoir B	4 000 000	
Nongoma	2016/17	Usuthu	9	Pump Station				Holinyoka PS at Ndikandika		
Nongoma	2016/17	Usuthu	9	Pump Station				Lindizwe PS & Res G02 at Sikhleni	12 696 785	
Nongoma	2016/17	Usuthu	9	Settlement Reticulation	141			Lindizwe Reservoir retics: Ndikandika, Zwelisha, Sikhleni		32 000 000
Nongoma	2016/17	Usuthu	9	Settlement Reticulation				Holinyoka Reservoir retics: Holinyoka, eBhungwe, eMkhondo, Kwasincengile, Kwadenge, Nqumbi, Mahayoyo, Gomondo, Ezilonyeni, Matshempunzi		24 680 000
Nongoma	2016/17	Usuthu	13	Source / Abstraction				Vuna Dam Fish Ladder	2 500 000	
Nongoma	2016/17	Usuthu	16	Settlement Reticulation	1 075		Z606	Canaan		25 000 000
Nongoma	2016/17	Usuthu	9,16	Settlement Reticulation	194		Z601	Delene (KwaMirinya)		10 600 000
Nongoma	2016/17	Usuthu	4	Bulks	350	9 653		Bulk gravity mains from Lindizwe PS to Bulk Res F at Emageleni & Sec. Bulks	57 000 000	

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LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Nongoma	>2017	Usuthu	9,16	Settlement Reticulation				Nongoma town surrounding retics		55 700 000
Nongoma	>2017	Usuthu	13	Storage	2ML			Bulk Res F at Emageleni	6 173 004	
Nongoma	>2017	Usuthu	1	Secondary Bulks	75	1 145		Secondary bulks from Mbengo to Res H7 at Ntshangase Trust	538 044	
Nongoma	>2017	Usuthu	1	Secondary Bulks	75	2 527		Secondary bulks from Mbengo to Res H7 at Ntshangase Trust	1 187 266	
Nongoma	>2017	Usuthu	1	Bulks	300	5 765		Bulk gravity mains from Res D off-take to Res E off-take at Onyango	10 720 959	
Nongoma	>2017	Usuthu	1	Storage	30KI			Res H7 at Ntshangase Trust	509 520	
Nongoma	>2017	Usuthu	4	Settlement Reticulation	84		Z213	Emakhandeni		2 038 120
Nongoma	>2017	Usuthu	4	Settlement Reticulation	80		Z193	Sindabe		1 295 091
Nongoma	>2017	Usuthu	4	Settlement Reticulation	65		Z192	Makholweni		1 125 243
Nongoma	>2017	Usuthu	4	Settlement Reticulation	237		Z190	Manyoni 1		5 997 896
Nongoma	>2017	Usuthu	4	Settlement Reticulation	66		Z215a	Mfankomo		1 601 380
Nongoma	>2017	Usuthu	4	Settlement Reticulation	76		Z214	Mhlwehlwe		1 630 496
Nongoma	>2017	Usuthu	4	Settlement Reticulation	4		Z823	Thusani		163 444
Nongoma	>2017	Usuthu	4	Settlement Reticulation	102		Z218	Henenende (Mbonjeni)		2 157 826
Nongoma	>2017	Usuthu	4	Settlement Reticulation	174		Z777	Henenende		4 550 688
Nongoma	>2017	Usuthu	4	Settlement Reticulation	55		Z223	Ebukhalini		1 279 641
Nongoma	>2017	Usuthu	4	Bulk Supply Connection	138		Z217	Kwadiabe		-
Nongoma	>2017	Usuthu	4	Bulk Supply Connection	86		Z216	Ethokoza		-
Nongoma	>2017	Usuthu	4	Settlement Reticulation	17		ZMAP25	Mahlezane		572 054
Nongoma	>2017	Usuthu	4	Settlement Reticulation	112		Z167	Emakholweni 3		3 396 528
Nongoma	>2017	Usuthu	4	Bulk Supply Connection	264		Z189	Masundwini		-
Nongoma	>2017	Usuthu	7	Bulks	200	7 871		Bulk gravity mains off-take to Bulk Res E	10 895 192	
Nongoma	>2017	Usuthu	9	Bulk Supply Connection	34		Z364	Gomabagagu		-
Nongoma	>2017	Usuthu	9	Bulk Supply Connection	35		Z366	Ezinhlabeni		-
Nongoma	>2017	Usuthu	10	Bulks	200	11 446		Bulk gravity mains from Bulk Res F to Bulk Res J at Kweilbomvu	15 843 221	
Nongoma	>2017	Usuthu	10	Storage	500KL			Bulk Res J at Kweilbomvu	2 347 189	
Nongoma	>2017	Usuthu	10	Settlement Reticulation	17		Z575	Kwabelibheshu		531 193
Nongoma	>2017	Usuthu	10	Settlement Reticulation	53		ZBUK56	Mcwabeyana		1 920 467
Nongoma	>2017	Usuthu	10	Bulk Supply Connection	38		ZBUK58	Emlalazini		-
Nongoma	>2017	Usuthu	10	Bulk Supply Connection	78		ZMAP10	Mponga (Duma)		-
Nongoma	>2017	Usuthu	10	Bulk Supply Connection	48		ZBUK59	Entshweni		-
Nongoma	>2017	Usuthu	10	Bulk Supply Connection	139		Z573	Kweilbomvu		-
Nongoma	>2017	Usuthu	10	Bulk Supply Connection	18		ZMAP11	Dindela (Duma)		-
Nongoma	>2017	Usuthu	10	Bulk Supply Connection	175		ZNN24	Duma 1		-
Nongoma	>2017	Usuthu	10	Bulk Supply Connection	40		Z574	Emhgedeni (Duma)		-
Nongoma	>2017	Usuthu	10	Settlement Reticulation	26		ZNN26	Engongoma		980 664
Nongoma	>2017	Usuthu	10	Settlement Reticulation	41		ZBUK57	Hobiyana		1 470 996
Nongoma	>2017	Usuthu	10	Bulk Supply Connection	99		ZNN25	Kwamshiki		-
Nongoma	>2017	Usuthu	10	Bulk Supply Connection	44		Z576	Mangongo		-
Nongoma	>2017	Usuthu	10	Bulk Supply Connection	79		Z572	Ezomboda		-
Nongoma	>2017	Usuthu	10	Settlement Reticulation	141		Z569	Kwandwandwe		3 061 102
Nongoma	>2017	Usuthu	10	Settlement Reticulation	149		Z163	Emakholweni 2		4 418 784
Nongoma	>2017	Usuthu	10	Settlement Reticulation	164		Z160	Nsawulani		4 814 496
Nongoma	>2017	Usuthu	10	Settlement Reticulation	172		Z161	Kolweni		5 375 088
Nongoma	>2017	Usuthu	10	Settlement Reticulation	21		ZMAP18	Nokhehlani		776 359
Nongoma	>2017	Usuthu	10	Settlement Reticulation	82		Z164	Esweni		2 374 272
Nongoma	>2017	Usuthu	10	Settlement Reticulation	132		Z165	Hiathi		3 136 375
Nongoma	>2017	Usuthu	10	Settlement Reticulation	102		Z168	Magutshwa		2 408 736
Nongoma	>2017	Usuthu	10	Settlement Reticulation	184		Z170	Ekuvukeni		6 496 899

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LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Nongoma	>2017	Usuthu	11	Bulks	50	1 575		Gravity pipeline to BPT at Kwavumela	634 366	
Nongoma	>2017	Usuthu	11	Bulks	50	2 144		Gravity pipeline from Res D7 to Res D8 at Masokaneni	863 396	
Nongoma	>2017	Usuthu	11	BPT	30KI			BPT at Kwavumela	509 520	
Nongoma	>2017	Usuthu	11	Storage	30KI			Res D8 at Masokaneni	509 520	
Nongoma	>2017	Usuthu	11	Settlement Reticulation	103		ZNN22	Ebungwini		2 082 553
Nongoma	>2017	Usuthu	11	Settlement Reticulation	45		Z568	Mbamba		903 276
Nongoma	>2017	Usuthu	11	Settlement Reticulation	161		Z570	Kwazungu		3 337 103
Nongoma	>2017	Usuthu	11	Settlement Reticulation	49		ZNN23	Emhemeni		915 332
Nongoma	>2017	Usuthu	11	Settlement Reticulation	114		Z567	Othinsangu		3 033 792
Nongoma	>2017	Usuthu	11	Settlement Reticulation	62		ZNN27	Hlathidumayo		2 329 077
Nongoma	>2017	Usuthu	11	Settlement Reticulation	275		Z147	Ngolotshe		6 322 932
Nongoma	>2017	Usuthu	11	Settlement Reticulation	50		ZMAP9	Doncaneni		1 879 606
Nongoma	>2017	Usuthu	11	Settlement Reticulation	22		Z155a	Eziqhumeni 1		776 359
Nongoma	>2017	Usuthu	11	Settlement Reticulation	21		Z155b	Eziqhumeni 2		776 359
Nongoma	>2017	Usuthu	11	Settlement Reticulation	99		Z156	Entwala		3 800 073
Nongoma	>2017	Usuthu	11	Bulk Supply Connection	107		Z158	Entuthukweni		-
Nongoma	>2017	Usuthu	11	Bulk Supply Connection	156		Z159	Elanjeni/Masanani		-
Nongoma	>2017	Usuthu	11	Bulk Supply Connection	26		ZBA4	SiDakeni		-
Nongoma	>2017	Usuthu	11	Settlement Reticulation	27		Z572	Ezomboda		898 942
Nongoma	>2017	Usuthu	11	Settlement Reticulation	55		ZBA2	Singangeni		2 083 911
Nongoma	>2017	Usuthu	11	Settlement Reticulation	67		Z157	Nqala		2 110 464
Nongoma	>2017	Usuthu	11	Settlement Reticulation	25		Z154	Zampilo		791 424
Nongoma	>2017	Usuthu	11	Settlement Reticulation	37		Z153	Mobilindini		1 055 232
Nongoma	>2017	Usuthu	11	Settlement Reticulation	51		Z151	Mhlabaneni		1 961 328
Nongoma	>2017	Usuthu	11	Settlement Reticulation	62		ZBA1	Kwavumela		1 879 606
Nongoma	>2017	Usuthu	11	Settlement Reticulation	111		Z152	Masokaneni		3 000 816
Nongoma	>2017	Usuthu	12	Bulks	90	1 496		Off-take for Res D5 and D6 at Nzama	783 100	
Nongoma	>2017	Usuthu	12	Bulks	90	1 164		Off-take for Res D4 at Isizinda B	609 373	
Nongoma	>2017	Usuthu	12	Bulks	63	96		Off-take for Res D7 at Ngwabe	41 874	
Nongoma	>2017	Usuthu	12	Bulks	63	3 506		Gravity pipeline from Res D6 to Res D7 at Ngwabe	1 525 102	
Nongoma	>2017	Usuthu	12	Bulks	63	4 376		Gravity pipeline from Res D7 to Res D8 at Masokaneni	1 903 562	
Nongoma	>2017	Usuthu	12	Bulks	160	1 234		Gravity pipeline from Res D4 to Res D5 at Nzama	1 758 199	
Nongoma	>2017	Usuthu	12	Bulks	160	1 044		Gravity pipeline from Res D4 to Res D5 at Nzama	1 486 859	
Nongoma	>2017	Usuthu	12	Bulks	160	5 648		Gravity pipeline from Res D3 to Res D4 at Isizinda B	8 044 616	
Nongoma	>2017	Usuthu	12	Bulks	150	5 352		Gravity pipeline from Res D4 to Res D5 at Nzama	5 672 019	
Nongoma	>2017	Usuthu	12	Bulks	75	441		Off-take for Res D3 at Emgodi 1	207 246	
Nongoma	>2017	Usuthu	12	Storage	30KI			Res D3 at Emgodi1	509 520	
Nongoma	>2017	Usuthu	12	Storage	80KI			Res D4 at Isizinda B	775 214	
Nongoma	>2017	Usuthu	12	Storage	30KI			Res D5 at Nzama	509 520	
Nongoma	>2017	Usuthu	12	Storage	100KI			Res D6 at Esigogobeni	796 138	
Nongoma	>2017	Usuthu	12	BPT	30KI			BPT at Esigogobeni	509 520	
Nongoma	>2017	Usuthu	12	Storage	30KI			Res D7 at Ngwabe	509 520	
Nongoma	>2017	Usuthu	12	Settlement Reticulation	57		Z357	Manzawayo		1 514 032
Nongoma	>2017	Usuthu	12	Settlement Reticulation	89		Z355a	Kwa Gwaqaza		1 889 559
Nongoma	>2017	Usuthu	12	Settlement Reticulation	49		ZMAP12	Nqobuzulu		1 920 467
Nongoma	>2017	Usuthu	12	Bulk Supply Connection	228		Z352	Mashemhlophe		-
Nongoma	>2017	Usuthu	12	Settlement Reticulation	32		ZAM12	Ezingolaneni		1 103 247

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LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Nongoma	>2017	Usuthu	12	Settlement Reticulation	165		Z348	Sigubudu		4 715 568
Nongoma	>2017	Usuthu	12	Settlement Reticulation	32		ZMAP13	Nqalu		1 144 108
Nongoma	>2017	Usuthu	12	Settlement Reticulation	53		Z345	Kwelodaka		1 229 459
Nongoma	>2017	Usuthu	12	Settlement Reticulation	72		Z342	Emayeni		2 110 464
Nongoma	>2017	Usuthu	12	Settlement Reticulation	58		ZMAP14	Ndlazini		2 083 911
Nongoma	>2017	Usuthu	12	Settlement Reticulation	54		ZKAY4	Sheleza		1 450 944
Nongoma	>2017	Usuthu	12	Settlement Reticulation	9		Z346	Kwa-Ququ		286 027
Nongoma	>2017	Usuthu	12	Settlement Reticulation	84		Z375	Macekaneni		3 146 297
Nongoma	>2017	Usuthu	12	Settlement Reticulation	50		Z340	Esidakeri 1		1 879 606
Nongoma	>2017	Usuthu	12	Settlement Reticulation	71		Z339	Nqwabe		1 813 680
Nongoma	>2017	Usuthu	12	Settlement Reticulation	51		Z338	Esigogqobeni		1 286 064
Nongoma	>2017	Usuthu	12	Settlement Reticulation	32		ZMAP15	Dum-Dum		1 021 525
Nongoma	>2017	Usuthu	12	Settlement Reticulation	77		ZAM11	Nzama		2 533 382
Nongoma	>2017	Usuthu	12	Settlement Reticulation	113		ZMAP16	KwaLuphonjwana		3 514 046
Nongoma	>2017	Usuthu	12	Settlement Reticulation	114		Z341	Isizinda B		2 835 936
Nongoma	>2017	Usuthu	12	Settlement Reticulation	48		Z344	Manhlanhle		1 003 640
Nongoma	>2017	Usuthu	12	Settlement Reticulation	108		Z347	Emgodi 1		3 165 696
Nongoma	>2017	Usuthu	12	Settlement Reticulation	12		Z373	Nhloyane		490 332
Nongoma	>2017	Usuthu	12	Settlement Reticulation	15		Z349	Isizinda A		612 915
Nongoma	>2017	Usuthu	13	Bulks	160	677		Gravity mains to reservoir at Emgodi	964 138	
Nongoma	>2017	Usuthu	13	Bulks	160	3 421		Gravity mains to reservoir at Emgodi	4 873 002	
Nongoma	>2017	Usuthu	13	Bulks	160	1 321		Gravity mains to Res D1 and reservoir at Emgodi	1 881 231	
Nongoma	>2017	Usuthu	13	Bulks	150	3 712		Gravity mains off-take to Bulk Res D at Hlambanyathi	3 934 446	
Nongoma	>2017	Usuthu	13	Bulks	160	194		Off-take to Res D2 at Kwankulu	276 742	
Nongoma	>2017	Usuthu	13	Storage	500KI			Bulk Res D at Hlambanyathi	2 347 189	
Nongoma	>2017	Usuthu	13	Storage	50KI			Res D1 at Hlambanyathi	684 075	
Nongoma	>2017	Usuthu	13	Storage	30KI			Res D2 at Kwankulu	509 520	
Nongoma	>2017	Usuthu	13	Settlement Reticulation	64		ZMAP17	Emgodi 2		2 410 799
Nongoma	>2017	Usuthu	13	Settlement Reticulation	87		Z350	Kwamferfeni		2 997 081
Nongoma	>2017	Usuthu	13	Bulk Supply Connection	183		Z354	Iqongo		-
Nongoma	>2017	Usuthu	13	Settlement Reticulation	22		Z351	Kwankulu		858 081
Nongoma	>2017	Usuthu	13	Settlement Reticulation	135		Z353	Hlambanyathi 1		4 985 042
Nongoma	>2017	Usuthu	13	Settlement Reticulation	26		Z372	Ingundwane		1 062 386
Nongoma	>2017	Usuthu	13	Settlement Reticulation	66		Z359	Embokodweni		2 176 416
Nongoma	>2017	Usuthu	13	Bulk Supply Connection	56		Z363	Ezimpisini (Entuthukweni)		-
Nongoma	>2017	Usuthu	13	Bulk Supply Connection	27		ZMAP23	Eqeleni		-
Nongoma	>2017	Usuthu	13	Settlement Reticulation	33		Z360	Engwelezane		989 280
Nongoma	>2017	Usuthu	13	Settlement Reticulation	102		Z579	Ekubuseni		2 967 840
Nongoma	>2017	Usuthu	14	Bulks	200	10 130		Bulk gravity mains from Res E off-take to Bulk Res C at Qhudebe	14 021 713	
Nongoma	>2017	Usuthu	14	Bulks	300	7 514		Bulk gravity mains from Ivuna to Hlambanyathi	13 974 688	
Nongoma	>2017	Usuthu	14	BPT (Sec Bulks)				BPT at Phenyane	84 920	
Nongoma	>2017	Usuthu	14	Storage	30KI			Sec Bulk Res at Onyango	509 520	
Nongoma	>2017	Usuthu	14	Settlement Reticulation	246		Z578	Ivuna		7 056 864
Nongoma	>2017	Usuthu	14	Settlement Reticulation	217		Z561	Esigangeni 1		5 244 019
Nongoma	>2017	Usuthu	14	Settlement Reticulation	109		Z564	Emahlombe		2 734 919

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LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Nongoma	>2017	Usuthu	14	Settlement Reticulation	55		Z563	Kwandase		1 780 704
Nongoma	>2017	Usuthu	14	Bulk Supply Connection	80		Z562	Itshodo		-
Nongoma	>2017	Usuthu	14	Settlement Reticulation	36		Z560	Khalweni		1 187 136
Nongoma	>2017	Usuthu	14	Settlement Reticulation	68		Z559	Newgoli		2 209 392
Nongoma	>2017	Usuthu	14	Settlement Reticulation	120		Z554	Badlaneni		3 825 216
Nongoma	>2017	Usuthu	14	Settlement Reticulation	128		Z550	Onyango		3 792 240
Nongoma	>2017	Usuthu	14	Bulk Supply Connection	294		Z549	Kwa Musi		-
Nongoma	>2017	Usuthu	14	Bulk Supply Connection	119		Z553	Nsimbini		-
Nongoma	>2017	Usuthu	14	Settlement Reticulation	137		Z551	Dayeni		4 903 320
Nongoma	>2017	Usuthu	14	Bulk Supply Connection	114		Z552	Shisuthu		-
Nongoma	>2017	Usuthu	14	Bulk Supply Connection	103		ZMAP29	Mbhukudu		-
Nongoma	>2017	Usuthu	14	Bulk Supply Connection	134		Z555	Ezimpakaneni		-
Nongoma	>2017	Usuthu	14	Settlement Reticulation	107		ZJM2b	Phenyane 2		3 595 768
Nongoma	>2017	Usuthu	15	Source / Abstraction				Off-storage dam (Pending)	165 000 000	
Nongoma	>2017	Usuthu	15	Upgrade exist WTW	7ML			WTW, Extraction & PS Upgrade Stage 4(4x7ML/day upgrades)	40 000 000	
Nongoma	>2017	Usuthu	15	Upgrade exist WTW	7ML			WTW, Extraction & PS Upgrade Stage 3 (4x7ML/day upgrades)	40 000 000	
Nongoma	>2017	Usuthu	16	Secondary Bulks	75	1 706		Secondary bulks from Res H-S4 to Res H-S5 at Mangomhlope	801 192	
Nongoma	>2017	Usuthu	16	Secondary Bulks	75	1 304		Secondary bulks from Res H-S4 to Res H-S5 at Mangomhlope	612 382	
Nongoma	>2017	Usuthu	16	Storage	30KI			Res H-S5 at Mangomhlope	509 520	
Nongoma	>2017	Usuthu	16	Storage	100KI			Res H-S4 at Emoyeni	796 138	
Nongoma	>2017	Usuthu	16	BPT-Sec Bulks				BPT at Mangomhlope	84 920	
Nongoma	>2017	Usuthu	16	BPT	30KL			BPT at Emancwangeri	84 920	
Nongoma	>2017	Usuthu	16	Settlement Reticulation	37		Z620	Sefamona		989 280
Nongoma	>2017	Usuthu	16	Settlement Reticulation	229		Z607	Mangomhlophe		7 733 209
Nongoma	>2017	Usuthu	16	Settlement Reticulation	32		Z638	Emancwangeri		1 055 232
Nongoma	>2017	Usuthu	16	Settlement Reticulation	38		Z621	Mgogodi		903 276
Nongoma	>2017	Usuthu	16	Settlement Reticulation	36		Z653	Mfanele		960 828
Nongoma	>2017	Usuthu	16	Settlement Reticulation	145		Z639	Emoyeni		3 562 922
Nongoma	>2017	Usuthu	16	Settlement Reticulation	59		Z757	Part of 494/Bethani		1 780 704
Nongoma	>2017	Usuthu	16	Settlement Reticulation	36		ZTAS20	Holoba		1 184 969
Nongoma	>2017	Usuthu	16	Settlement Reticulation	80		Z624	Mcwembe		2 308 320
Nongoma	>2017	Usuthu	16	Settlement Reticulation	188		Z622	Nhlophenkulu		5 474 016
Nongoma	>2017	Usuthu	16	Settlement Reticulation	90		Z635	Mthwathube		2 154 584
Nongoma	>2017	Usuthu	16	Settlement Reticulation	123		Z633	Nkanisweni		3 377 456
Nongoma	>2017	Usuthu	16	Settlement Reticulation	41		Z652	Mshanelo 2		928 367
Nongoma	>2017	Usuthu	16	Settlement Reticulation	39		Z626	Manzimkhulu		1 253 088
Nongoma	>2017	Usuthu	16	Settlement Reticulation	43		Z628	Duma 2		903 276
Nongoma	>2017	Usuthu	16	Settlement Reticulation	80		Z605	Kwasabela		1 310 220
Nongoma	>2017	Usuthu	17	Secondary Bulks	90	2 364		Secondary bulks from Majomela to Res H6 at Mbengo	1 237 600	
Nongoma	>2017	Usuthu	17	Secondary Bulks	75	4 703		Secondary bulks from Mbengo to Res H7 at Ntshangase Trust	2 209 141	
Nongoma	>2017	Usuthu	17	Secondary Bulks	90	869		Secondary bulks from Majomela to Res H6 at Mbengo	454 994	
Nongoma	>2017	Usuthu	17	Secondary Bulks	110	6 166		Secondary bulks from Res H-S3 to Res H-S4 at Emoyeni	6 073 488	
Nongoma	>2017	Usuthu	17	Secondary Bulks	160	3 276		Secondary bulks from Res H-S3 to Res H-S4 at Emoyeni	4 666 154	

REGIONAL SCHEME ROLLOUTS

LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Nongoma	>2017	Usuthu	17	Storage	300KI			Res H-S3 at Efele	6 173 004	
Nongoma	>2017	Usuthu	17	BPT	30KL			BPT at Mbengo	84 920	
Nongoma	>2017	Usuthu	17	Storage	100KI			Res H6 at Mbengo	796 138	
Nongoma	>2017	Usuthu	17	Settlement Reticulation	12		ZKAY8	Echibini		326 888
Nongoma	>2017	Usuthu	17	Settlement Reticulation	310		Z645	Majomela		6 095 279
Nongoma	>2017	Usuthu	17	Settlement Reticulation	144		Z641	Efele		3 362 194
Nongoma	>2017	Usuthu	17	Settlement Reticulation	145		Z644	Kwanomehle		3 537 831
Nongoma	>2017	Usuthu	17	Settlement Reticulation	118		Z642	Obhuqwini		1 728 186
Nongoma	>2017	Usuthu	17	Settlement Reticulation	179		Z640	Bhethani		4 315 652
Nongoma	>2017	Usuthu	17	Settlement Reticulation	21		ZKAY1	Esiweni		817 220
Nongoma	>2017	Usuthu	17	Settlement Reticulation	29		ZKAY7	Mpalaza		898 942
Nongoma	>2017	Usuthu	17	Settlement Reticulation	18		ZMAP34	Phoqukhala		612 915
Nongoma	>2017	Usuthu	17	Settlement Reticulation	143		Z660	Qhoqhoza		3 387 285
Nongoma	>2017	Usuthu	17	Settlement Reticulation	119		Z659	Thokazi		3 693 312
Nongoma	>2017	Usuthu	17	Settlement Reticulation	68		Z658	Mbengo		2 044 512
Nongoma	>2017	Usuthu	17	Settlement Reticulation	22		Z646	Kwadiunga		593 568
Nongoma	>2017	Usuthu	17	Settlement Reticulation	84		Z647	Makhulu		1 756 370
Nongoma	>2017	Usuthu	17	Settlement Reticulation	26		Z648	Ngasela		692 496
Nongoma	>2017	Usuthu	18	Bulk Supply Connection	69		Z663	Kwadileka		-
Nongoma	>2017	Usuthu	18	Settlement Reticulation	208		Z665	Kwakhangela		5 605 920
Nongoma	>2017	Usuthu	18	Bulk Supply Connection	157		Z664	eHlabathini 1		-
Nongoma	>2017	Usuthu	18	Bulk Supply Connection	276		Z661	Mememe		-
Nongoma	>2017	Usuthu	18	Bulk Supply Connection	45		Z657	Masimba -Ndawonye		-
Nongoma	>2017	Usuthu	18	Bulk Supply Connection	42		Z656	Qogoda		-
Nongoma	>2017	Usuthu	18	Settlement Reticulation	220		Z654	Mshanelo 1		8 376 505
Nongoma	>2017	Usuthu	18	Settlement Reticulation	40		ZKAY6	Magediana B		1 307 552
Nongoma	>2017	Usuthu	18	Settlement Reticulation	174		Z650	Esiqokolweni		5 375 088
Nongoma	>2017	Usuthu	20	Settlement Reticulation	70		Z603	Emvomveni		1 316 322
Nongoma	>2017	Usuthu	20	Settlement Reticulation	105		Z604	Sgodiphola		2 107 644
Nongoma	>2017	Usuthu	20	Settlement Reticulation	70		Z602	Sigangeni		1 430 187
Nongoma	>2017	Usuthu	20	Settlement Reticulation	84		ZMAP24	Tshonono		1 505 460
Nongoma	>2017	Usuthu	21	Secondary Bulks	160	5 398		Secondary bulks from Res H-S2 to Res H-S3 at Efele	7 689 238	
Nongoma	>2017	Usuthu	21	Secondary Bulks	160	2 742		Secondary bulks from Res H to Res H-S2 at Mayini	3 905 727	
Nongoma	>2017	Usuthu	21	Secondary Bulks	110	2 127		Secondary bulks from Res H-S8 to Res H-S9 at Mphunzana	2 095 554	
Nongoma	>2017	Usuthu	21	Secondary Bulks	110	2 581		Secondary bulks from Res H to Res H-S8 at Eniningeni	2 542 277	
Nongoma	>2017	Usuthu	21	Secondary Bulks	110	480		Secondary bulks from Res H to Res H-S8 at Eniningeni	473 110	
Nongoma	>2017	Usuthu	21	Storage	30KI			Res H-S8 at Eniningeni	509 520	
Nongoma	>2017	Usuthu	21	Storage	100KI			Res H-S9 at Mphunzana	796 138	
Nongoma	>2017	Usuthu	21	Storage	150KI			Res H-S2 at Mayini	1 018 819	
Nongoma	>2017	Usuthu	21	BPT	30KL			BPT at Res H	84 920	
Nongoma	>2017	Usuthu	21	BPT (Sec Bulks)	30KL			BPT at Semangadini	84 920	
Nongoma	>2017	Usuthu	21	Settlement Reticulation	85		Z643	Mqiliji		1 982 189
Nongoma	>2017	Usuthu	21	Settlement Reticulation	54		Z616	Mpiyampiya		1 484 916
Nongoma	>2017	Usuthu	21	Settlement Reticulation	83		Z615	Hlabathini 2		1 685 043
Nongoma	>2017	Usuthu	21	Settlement Reticulation	25		Z609	Eniningeni		817 220
Nongoma	>2017	Usuthu	21	Settlement Reticulation	51		ZMAP36	Qanda 3		1 426 684
Nongoma	>2017	Usuthu	21	Settlement Reticulation	260		Z610	Emahashini		7 881 264
Nongoma	>2017	Usuthu	21	Settlement Reticulation	37		Z617	Sevuna		1 220 112
Nongoma	>2017	Usuthu	21	Settlement Reticulation	24		Z619	Zetheni Muzuna (Sezetheni)		776 359

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LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Nongoma	>2017	Usuthu	21	Settlement Reticulation	27		Z618	Niambakasi		659 520
Nongoma	>2017	Usuthu	21	Bulk Supply Connection	97		Z599	Soshamase		-
Nongoma	>2017	Usuthu	21	Settlement Reticulation	95		Z597	Semangadini		3 023 714
Nongoma	>2017	Usuthu	21	Settlement Reticulation	173		Z598	Mpunzana		5 441 040
Nongoma	>2017	Usuthu	21	Bulk Supply Connection	136		Z595	Kwaminya		-
Nongoma	>2017	Usuthu	21	Settlement Reticulation	174		Z614	Mayini		5 276 160
Nongoma	>2017	Usuthu	10,11	Bulk Supply Connection	54		ZBA5	Khanjaneni		-
Nongoma	>2017	Usuthu	12,13	Settlement Reticulation	83		Z374	Nqalonde		3 228 019
Nongoma	>2017	Usuthu	16,20	Settlement Reticulation	156		Z632	Nqokotho		4 154 976
Nongoma	>2017	Usuthu	4,10,12	Settlement Reticulation	221		Z356	Mission 1		5 852 316
Nongoma	>2017	Usuthu	4,12	Settlement Reticulation	115		Z358	Enkingeni		2 709 828
Nongoma	>2017	Usuthu	4,13	Settlement Reticulation	31		Z362	Emaqeleni		1 103 247
Nongoma	>2017	Usuthu	4,13	Settlement Reticulation	51		Z361	Mashenge		1 582 848
Nongoma	>2017	Usuthu	4,20	Settlement Reticulation	113		Z224	Qathaqatheni		1 932 021
Nongoma	>2017	Usuthu	4,9	Bulk Supply Connection	97		Z826	Emanqomfani		-
Nongoma	>2017	Usuthu	6,10	Settlement Reticulation	91		Z171	Ndololwaneni		2 615 104
Ulundi	2016/17	Nkonjeni	13	Settlement Reticulation	9		ZTAS10	Mandeva		296 784
Ulundi	2016/17	Nkonjeni	13	Settlement Reticulation	10		ZAM5	Ensileni		408 610
Ulundi	2016/17	Nkonjeni	13	Settlement Reticulation	60		Z923	Mbekuzeni		2 124 772
Ulundi	2016/17	Nkonjeni	13	Settlement Reticulation	21		Z922	Kwankakazi		858 081
Ulundi	2016/17	Nkonjeni	13	Settlement Reticulation	12		ZAM9a	Tukelana 1		326 888
Ulundi	2016/17	Nkonjeni	13	Settlement Reticulation	6		ZAM9b	Tukelana 2		245 166
Ulundi	2016/17	Nkonjeni	13	Settlement Reticulation	27		ZAM9c	Tukelana 3		1 062 386
Ulundi	2016/17	Nkonjeni	13	Settlement Reticulation	35		ZAM8	Jordaan 656 (Zulu Rock)		1 154 160
Ulundi	2016/17	Nkonjeni	13	Settlement Reticulation	3		ZBUK52	Groot Geluk 201		49 455
Ulundi	2016/17	Nkonjeni	13	Settlement Reticulation	38		ZMAP96	Mbombo		1 552 718
Ulundi	2016/17	Nkonjeni		RWSS Augmentation	Boreholes			Additional BH's to augment water supply to Nkonjeni & Ulundi water schemes.		1 750 000
Ulundi	2016/17	Nkonjeni	18	Bulks	200	10 090		Bulk gravity pipeline from existing Res 3 to planned Res U at Ezakhiweni	13 966 818	
Ulundi	>2017	Nkonjeni	20	Settlement Reticulation	12		Z795	Kwa Mvula		362 736
Ulundi	>2017	Nkonjeni	20	Bulk Supply Connection	85		Z399	Mvula		-
Ulundi	>2017	Nkonjeni	20	Bulks	75	73		Gravity mains from Res Z1 to Res Y at Enguge	34 165	
Ulundi	>2017	Nkonjeni	20	Bulks	110	3 179		Gravity mains from Bulk Res U to Bulk Res X	3 131 469	
Ulundi	>2017	Nkonjeni	20	Storage	4515kl			Bulk Res U at Ezakhiweni	6 900 259	
Ulundi	>2017	Nkonjeni	20	Pump Station				PS U at Ezakhiweni	461 192	
Ulundi	>2017	Nkonjeni	20	Storage	1985Kl			Bulk Res X at Kwavilakazi	6 173 004	
Ulundi	>2017	Nkonjeni	24	Settlement Reticulation	58		Z398	Ekatini		2 329 077
Ulundi	>2017	Nkonjeni	24	Settlement Reticulation	196		Z820	Hlophekhulu		7 518 424
Ulundi	>2017	Nkonjeni	20	Bulks	250	763		Gravity mains from bulk Res X to bulk res Z	1 608 033	
Ulundi	>2017	Nkonjeni	20	Bulks	110	1 162		Bulk pipeline from Res Z to Res Z1 at Mvula	1 144 657	
Ulundi	>2017	Nkonjeni	20	Bulks	110	4 847		Gravity mains from Res Z1 to Res Y at Enguge	4 774 992	
Ulundi	>2017	Nkonjeni	20	Bulks	110	1 058		Bulk gravity mains from Res X to Res Z	1 042 191	
Ulundi	>2017	Nkonjeni	20	Storage	97kl			Res Y at Enguge	796 138	
Ulundi	>2017	Nkonjeni	20	Storage	100Kl			Res Z1 at Mvula	796 138	
Ulundi	>2017	Nkonjeni	20	Storage	150Kl			Res Z at Mthonjaneni	1 018 819	
Ulundi	>2017	Nkonjeni	20	Pump Station				New PS Z at Mthonjaneni		
Ulundi	>2017	Nkonjeni	20	Pump Station				New PS	768 653	
Ulundi	>2017	Nkonjeni	20	Pump Station				New PS X1 near Mthonjaneni	768 653	
Ulundi	>2017	Nkonjeni	20	Pump Station				New PS Z1 at Mthonjaneni	768 653	
Ulundi	>2017	Nkonjeni	24	Settlement Reticulation	82		Z818	Kwanguqe		2 696 826
Ulundi	>2017	Nkonjeni	24	Settlement Reticulation	66		ZTAS18	Ezimfeneni		2 696 826
Ulundi	>2017	Nkonjeni	24	Settlement Reticulation	60		ZMAP108	Basamillo 2		2 329 077
Ulundi	>2017	Nkonjeni	24	Settlement Reticulation	32		ZMAP109	Ezisasameni		1 266 691
Ulundi	>2017	Nkonjeni	24	Settlement Reticulation	75		Z758a	Ekujulukeni 1		2 738 074

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LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Ulundi	>2017	Nkonjeni	24	Settlement Reticulation	94		Z758b	Ekujulukeni 2		3 677 490
Ulundi	>2017	Nkonjeni	24	Settlement Reticulation	72		Z818	Kwanguge		2 960 080
Ulundi	>2017	Nkonjeni	24	Storage	30KI			New res at Ekadini	509 520	
Ulundi	>2017	Nkonjeni	20,24	Settlement Reticulation	98		Z813	Enguge		4 004 378
Ulundi	>2017	Nkonjeni	8	Settlement Reticulation	71		Z93	Bhekinkulumo		2 333 463
Ulundi	>2017	Nkonjeni	13	Bulks	200	3 962		Bulk rising main from PS M2 to Bulk Res M at Maqwata	5 484 823	
Ulundi	>2017	Nkonjeni	13	Pump Station				PS M2 at Esibindini	691 788	
Ulundi	>2017	Nkonjeni	13	Bulk Supply Connection	114		Z804	Draaihoek		-
Ulundi	>2017	Nkonjeni	13	Bulk Supply Connection	126		Z466	Molte		-
Ulundi	>2017	Nkonjeni	13	Bulk Supply Connection	316		Z467	Mpungamhlope		-
Ulundi	>2017	Nkonjeni	14	Bulks	90	1 679		Gravity mains off-take at Dibha to Res ZAI-1 at Ntabankulu	879 112	
Ulundi	>2017	Nkonjeni	14	Bulks	90	55		Gravity mains off-take at Dibha to Res ZAI-1 at Ntabankulu	28 717	
Ulundi	>2017	Nkonjeni	14	Bulks	90	2 750		Gravity mains off-take at Dibha to Res ZAI-1 at Ntabankulu	1 439 676	
Ulundi	>2017	Nkonjeni	14	Bulks	90	3 453		Gravity mains off-take at Dibha to Res ZAI-1 at Ntabankulu	1 808 016	
Ulundi	>2017	Nkonjeni	14	Bulks	200	3 440		Gravity mains from Dibha to Bulk Res ZAI-2 at Kwathuthu	5 687 149	
Ulundi	>2017	Nkonjeni	14	Bulks	90	2 727		Gravity mains off-take at Dibha to Res ZAI-1 at Ntabankulu	1 427 723	
Ulundi	>2017	Nkonjeni	14	Bulks	80	3 506		Gravity mains off-take at Dibha to Res ZAI-1 at Ntabankulu	2 292 721	
Ulundi	>2017	Nkonjeni	14	Bulks	80	1 671		Gravity mains off-take at Dibha to Res ZAI-1 at Ntabankulu	1 092 893	
Ulundi	>2017	Nkonjeni	14	Bulks	80	27		Gravity mains off-take at Dibha to Res ZAI-1 at Ntabankulu	17 809	
Ulundi	>2017	Nkonjeni	14	Bulks	200	1 322		Gravity mains from Dibha to Bulk Res ZAI-2 at Kwathuthu	2 185 095	
Ulundi	>2017	Nkonjeni	14	Bulks	200	392		Gravity mains from Res P700 to remaining Res zones	648 133	
Ulundi	>2017	Nkonjeni	14	Bulks	160	836		Gravity mains from Res P700 to remaining Res zones	1 191 425	
Ulundi	>2017	Nkonjeni	14	Bulks	160	897		Gravity mains from Res P700 to remaining Res zones	1 278 248	
Ulundi	>2017	Nkonjeni	14	Bulks	160	1 475		Gravity mains from Res P700 to remaining Res zones	2 101 239	
Ulundi	>2017	Nkonjeni	14	Bulks	75	1 252		Off-take from gravity mains to Res ZAI-4 at Zilulwane	588 031	
Ulundi	>2017	Nkonjeni	14	Bulks	75	712		Off-take from gravity mains to Res ZAI-4 at Zilulwane	334 467	
Ulundi	>2017	Nkonjeni	14	Bulks	110	367		Off-take from gravity mains to Bulk Res ZAI-3 at Njomelwane	361 095	
Ulundi	>2017	Nkonjeni	14	Bulks	110	1 639		Off-take from gravity mains to Bulk Res ZAI-3 at Njomelwane	1 614 869	
Ulundi	>2017	Nkonjeni	14	Bulks	110	513		Off-take from gravity mains to Bulk Res ZAI-3 at Njomelwane	504 911	
Ulundi	>2017	Nkonjeni	14	Bulks	110	1 320		Off-take from gravity mains to Bulk Res ZAI-3 at Njomelwane	1 300 674	
Ulundi	>2017	Nkonjeni	14	Storage	216KI			Res ZAI-3 at Njomelwane	1 222 848	
Ulundi	>2017	Nkonjeni	14	Storage	30KI			Res ZAI-4 at Zilulwane	509 520	
Ulundi	>2017	Nkonjeni	14	Storage	30KI			Secondary Res Z2.2 at Mhlalini	509 520	
Ulundi	>2017	Nkonjeni	14	Bulk Supply Connection	59		Z416	Zenzele		-
Ulundi	>2017	Nkonjeni	14	Bulk Supply Connection	120		Z166	Nqgolothi		-
Ulundi	>2017	Nkonjeni	14	Bulk Supply Connection	207		Z413	Njomelwane		-
Ulundi	>2017	Nkonjeni	14	Bulk Supply Connection	56		ZTAS14	Mhlalini		-
Ulundi	>2017	Nkonjeni	14	Bulk Supply Connection	56		Z403	Tshiyazame		-
Ulundi	>2017	Nkonjeni	14	Bulk Supply Connection	58		Z405	Ntlingwe		-
Ulundi	>2017	Nkonjeni	14	Bulk Supply Connection	145		Z406	Maqhutha		-
Ulundi	>2017	Nkonjeni	14	Settlement Reticulation	92		Z410	Garwini		2 802 960
Ulundi	>2017	Nkonjeni	14	Settlement Reticulation	101		Z418	Bhekimbazo		3 963 517

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LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Ulundi	>2017	Nkonjeni	14	Settlement Reticulation	117		Z407	Ezinyoshini		4 617 293
Ulundi	>2017	Nkonjeni	14	Settlement Reticulation	79		Z408	Nyoni		2 440 224
Ulundi	>2017	Nkonjeni	14	Settlement Reticulation	39		Z409	Nhluba		1 552 718
Ulundi	>2017	Nkonjeni	14	Settlement Reticulation	23		ZMAP91	Themallhle		758 448
Ulundi	>2017	Nkonjeni	14	Settlement Reticulation	43		Z412	Zilulwane		1 417 968
Ulundi	>2017	Nkonjeni	14	Settlement Reticulation	33		Z404	Bhengisilwane		-
Ulundi	>2017	Nkonjeni	15	Bulks	160	1 952		Gravity mains from Res P700 to remaining Res zones	2 781 059	
Ulundi	>2017	Nkonjeni	15	Bulks	90	794		Gravity mains from Res P700 to remaining Res zones	415 734	
Ulundi	>2017	Nkonjeni	15	Bulks	90	405		Gravity mains from Res P700 to remaining Res zones	212 246	
Ulundi	>2017	Nkonjeni	15	Bulks	110	702		Off-take from gravity mains to Res ZAI-5 at Mbangweni2	691 995	
Ulundi	>2017	Nkonjeni	15	Bulks	110	1 355		Off-take from gravity mains to Res ZAI-5 at Mbangweni2	1 334 465	
Ulundi	>2017	Nkonjeni	15	Storage	698Kl			Res ZAI-1 at Ntabankulu	2 605 346	
Ulundi	>2017	Nkonjeni	15	Storage	264Kl			Res ZAI-5 at Mbanweni2	1 392 688	
Ulundi	>2017	Nkonjeni	15	Settlement Reticulation	41		Z709	Ntabayezulu		1 552 718
Ulundi	>2017	Nkonjeni	15	Settlement Reticulation	27		Z707	Ntabankulu		1 103 247
Ulundi	>2017	Nkonjeni	15	Settlement Reticulation	93		Z711	Lomo		3 636 629
Ulundi	>2017	Nkonjeni	15	Settlement Reticulation	26		ZTAS11	Kwanoma		1 021 525
Ulundi	>2017	Nkonjeni	15	Bulk Supply Connection	148		ZTAS12	Mbangweni 2		-
Ulundi	>2017	Nkonjeni	15	Bulk Supply Connection	328		Z417	Nqulwane		-
Ulundi	>2017	Nkonjeni	15	Settlement Reticulation	10		ZMAP92	Nsingizane 2		408 610
Ulundi	>2017	Nkonjeni	15	Settlement Reticulation	97		Z419	Mgababa 2		3 636 629
Ulundi	>2017	Nkonjeni	16	Bulks	80	7 632		Gravity mains to Res P at Kweyezulu	4 990 292	
Ulundi	>2017	Nkonjeni	16	Storage	47kl			Res P at Kweyezulu	684 075	
Ulundi	>2017	Nkonjeni	16	Bulk Supply Connection	197		Z476	Kweyezulu		-
Ulundi	>2017	Nkonjeni	16	Settlement Reticulation	8		Z812	Ndumeni		166 424
Ulundi	>2017	Nkonjeni	16	Bulk Supply Connection	250		Z479	Emakhosini		-
Ulundi	>2017	Nkonjeni	16	Settlement Reticulation	9		ZMAP89	Ncele		367 749
Ulundi	>2017	Nkonjeni	17	Bulk Supply Connection	106		Z484	Maduna Ezibomvu		-
Ulundi	>2017	Nkonjeni	17	Bulk Supply Connection	86		Z468	Esibindini		-
Ulundi	>2017	Nkonjeni	17	Bulk Supply Connection	125		Z469	Tshilugwanenei		-
Ulundi	>2017	Nkonjeni	17	Settlement Reticulation	83		Z482	Nkaphani		2 572 128
Ulundi	>2017	Nkonjeni	17	Bulk Supply Connection	69		Z754	Kwangono Mbambo 1		-
Ulundi	>2017	Nkonjeni	17	Bulk Supply Connection	15		Z481	Kwangono Mbambo 2		-
Ulundi	>2017	Nkonjeni	17	Bulk Supply Connection	144		Z472	Cengeni		-
Ulundi	>2017	Nkonjeni	17	Bulk Supply Connection	58		Z807	Ntabamhlophe		-
Ulundi	>2017	Nkonjeni	20	Bulks	250	3 563		Bulk gravity off-take at Mtonjeni to remaining reservoir zones	5 113 636	
Ulundi	>2017	Nkonjeni	20	Bulks	160	785		Pumpline from existing source to Res Z at Mtonjeni	854 800	
Ulundi	>2017	Nkonjeni	20	Bulks	160	745		Pumpline from existing source to Res Z at Mtonjeni	811 698	
Ulundi	>2017	Nkonjeni	20	Storage	30Kl			Secondary Res Z2.3 at Langakazi1	509 520	
Ulundi	>2017	Nkonjeni	20	Storage	30Kl			Secondary Res Z2.1 near Mtonjeni	509 520	

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LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Ulundi	>2017	Nkonjeni	20	Storage	30Kl			Infill res at Kwagqikazi1	509 520	
Ulundi	>2017	Nkonjeni	20	Storage	30Kl			Infill res at Manekwane2	509 520	
Ulundi	>2017	Nkonjeni	20	Pump Station				Infill PS at Manekwane2	768 653	
Ulundi	>2017	Nkonjeni	20	Storage	50Kl			Infill res at Manekwane2	684 075	
Ulundi	>2017	Nkonjeni	20	Bulk Supply Connection	78		Z750	Isangoyana 1		-
Ulundi	>2017	Nkonjeni	20	Bulk Supply Connection	179		Z745	Kwagqikazi 1		-
Ulundi	>2017	Nkonjeni	20	Settlement Reticulation	39		Z972	Kwagqikazi 2		928 367
Ulundi	>2017	Nkonjeni	20	Bulk Supply Connection	28		Z973	Manekwane 2		-
Ulundi	>2017	Nkonjeni	20	Bulk Supply Connection	25		Z819	Langakazi 1		-
Ulundi	>2017	Nkonjeni	20	Bulk Supply Connection	65		Z401	Kwafolese		-
Ulundi	>2017	Nkonjeni	20	Bulk Supply Connection	50		Z400	Mthonjeni		-
Ulundi	>2017	Nkonjeni	20	Bulk Supply Connection	235		Z402	Kwavilakazi 2		-
Ulundi	>2017	Nkonjeni	21	Settlement Reticulation	28		ZMAP102	Mshiqo		1 103 247
Ulundi	>2017	Nkonjeni	21	Settlement Reticulation	18		ZMAP103	Newland		735 498
Ulundi	>2017	Nkonjeni	21	Settlement Reticulation	23		ZMAP104	Phato		552 002
Ulundi	>2017	Nkonjeni	21	Settlement Reticulation	13		ZMAP106	Jems		428 688
Ulundi	>2017	Nkonjeni	23	Bulks	160	804		Gravity mains from Res 2 to Res N	1 145 186	
Ulundi	>2017	Nkonjeni	23	Bulks	250	3 043		Gravity mains between Res M and Res 2	6 414 260	
Ulundi	>2017	Nkonjeni	23	Bulks	160	3 237		Gravity mains off-take to Res O	4 610 129	
Ulundi	>2017	Nkonjeni	23	Bulks	75	582		Gravity mains from Res 2 to Res N	273 233	
Ulundi	>2017	Nkonjeni	23	Bulks	150	7 185		Gravity mains off-take to Res O	7 614 868	
Ulundi	>2017	Nkonjeni	23	Bulks	80	242		Gravity mains from Res 2 to Res N	158 301	
Ulundi	>2017	Nkonjeni	23	Bulks	80	227		Gravity mains from Res 2 to Res N	148 576	
Ulundi	>2017	Nkonjeni	23	Pump Station				PS M3 at Maqwatha	691 788	
Ulundi	>2017	Nkonjeni	23	Storage	2328kl			Bulk Res 2 at Emahlathini	6 682 524	
Ulundi	>2017	Nkonjeni	23	Storage	53kl			Res N at Hlungulwane	697 662	
Ulundi	>2017	Nkonjeni	23	Storage	490kl			Res O at Hlonlweni	2 347 189	
Ulundi	>2017	Nkonjeni	23	Storage	1741kl			Bulk Res M at Maqwatha	5 662 466	
Ulundi	>2017	Nkonjeni	23	Settlement Reticulation	159		Z473	Emahlathini		2 543 310
Ulundi	>2017	Nkonjeni	23	Settlement Reticulation	54		Z805	Nkiliji		1 582 848
Ulundi	>2017	Nkonjeni	23	Bulk Supply Connection	156		Z483	Sqodiphola		-
Ulundi	>2017	Nkonjeni	23	Bulk Supply Connection	36		Z478	Skhume		-
Ulundi	>2017	Nkonjeni	23	Bulk Supply Connection	22		Z967	Nobambo		-
Ulundi	>2017	Nkonjeni	23	Bulk Supply Connection	98		Z966	Senzangakhona		-
Ulundi	>2017	Nkonjeni	23	Bulk Supply Connection	116		Z806	Hlonlweni		-
Ulundi	>2017	Nkonjeni	23	Bulk Supply Connection	135		Z480	Mqababa 3		-
Ulundi	>2017	Nkonjeni	23	Bulk Supply Connection	32		Z796	Kwa Mehlomane		-
Ulundi	>2017	Nkonjeni	23	Bulk Supply Connection	59		Z475	Mpayini		-
Ulundi	>2017	Nkonjeni	23	Bulk Supply Connection	82		Z474	Hlungulwane		-
Ulundi	>2017	Nkonjeni	23	Bulk Supply Connection	55		ZMAP101	Vezunyamo 1		-
Ulundi	>2017	Nkonjeni	23	Bulk Supply Connection	33		Z939	Denny Dalton		-

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LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Ulundi	>2017	Nkonjeni	24	Bulks	80	162		Gravity mains from Dibha to Bulk Res ZAI-2 at Kwathuthu	105 779	
Ulundi	>2017	Nkonjeni	24	Bulks	200	958		Gravity mains from Res ZAI-2 to P700 Reservoir at Dindi	1 583 574	
Ulundi	>2017	Nkonjeni	24	Bulks	250	3 448		Gravity mains from Res ZAI-2 to P700 Reservoir at Dindi	7 267 781	
Ulundi	>2017	Nkonjeni	24	Storage	161Kl			Res ZAI-2 at Kwathuthu	1 035 803	
Ulundi	>2017	Nkonjeni	24	Bulk Supply Connection	21		ZTAS16	Kwathuthu		-
Ulundi	>2017	Nkonjeni	24	Bulk Supply Connection	142		ZTAS17	Nkonjane		-
Ulundi	>2017	Nkonjeni	24	Settlement Reticulation	128		Z411	Dindi		3 990 096
Ulundi	>2017	Nkonjeni	24	Settlement Reticulation	55		ZTAS13	England		1 681 776
Ulundi	>2017	Nkonjeni	24	Settlement Reticulation	96		ZTAS19	Ezikhumbeni		3 595 768
Ulundi	>2017	Nkonjeni	13,23	Bulk Supply Connection	185		Z470	Goje Maqwatha		-
Ulundi	>2017	Nkonjeni	14,20	Bulk Supply Connection	106		ZTAS15	Dibha		-
Ulundi	>2017	Nkonjeni	14,20	Settlement Reticulation	96		Z782	Sqobelo		3 922 656
Ulundi	>2017	Nkonjeni	17,23	Bulk Supply Connection	144		Z471	Maqwatha		-
Ulundi	>2017	Usuthu	2	Bulks	110	989		Sec bulks to sec bulk reservoirs	973 785	
Ulundi	>2017	Usuthu	2	Bulks	90	1 509		Sec bulks to sec bulk reservoirs	789 819	
Ulundi	>2017	Usuthu	2	Bulks	63	1 953		Sec bulks to sec bulk reservoirs	849 322	
Ulundi	>2017	Usuthu	2	Bulks	50	236		Sec bulks to sec bulk reservoirs	94 978	
Ulundi	>2017	Usuthu	2	Bulks	90	4 855		Sec bulks to sec bulk reservoirs	2 542 031	
Ulundi	>2017	Usuthu	2	Bulks	90	996		Off-take to Res13 at Nsukangihlale	521 247	
Ulundi	>2017	Usuthu	2	Bulks	63	636		Sec bulks to sec bulk reservoirs	276 817	
Ulundi	>2017	Usuthu	2	Storage	300Kl			Res13 at Nsukangihlale	6 173 004	
Ulundi	>2017	Usuthu	2	Storage	100Kl			Res16 at Nsimbi	796 138	
Ulundi	>2017	Usuthu	2	Storage	60Kl			Res17 at Nhlonga	697 662	
Ulundi	>2017	Usuthu	2	Storage	100Kl			Res14 at Nhlohlela	796 138	
Ulundi	>2017	Usuthu	2	Storage	200Kl			Res15 at Ezihlageni	1 188 880	
Ulundi	>2017	Usuthu	2	Settlement Reticulation	32		Z26	Obhedeni		1 266 691
Ulundi	>2017	Usuthu	2	Settlement Reticulation	69		Z24	Edlakude		2 176 416
Ulundi	>2017	Usuthu	2	Settlement Reticulation	11		Z9	Mqoxotshwa		449 471
Ulundi	>2017	Usuthu	2	Settlement Reticulation	108		Z14	Nsimbi		2 308 372
Ulundi	>2017	Usuthu	2	Settlement Reticulation	53		Z15	Phethu		1 549 872
Ulundi	>2017	Usuthu	2	Settlement Reticulation	63		Z16	Mndaweni		1 879 632
Ulundi	>2017	Usuthu	2	Settlement Reticulation	35		ZRN6	Ezimqageni		1 121 184
Ulundi	>2017	Usuthu	2	Settlement Reticulation	36		ZRN1	Ezihlageni		1 266 691
Ulundi	>2017	Usuthu	2	Settlement Reticulation	48		Z19	Nomporjwana		1 634 440
Ulundi	>2017	Usuthu	2	Settlement Reticulation	82		Z25	Siyekela		2 638 080
Ulundi	>2017	Usuthu	2	Settlement Reticulation	58		ZMAP114	Sikhalampama		1 430 187
Ulundi	>2017	Usuthu	2	Settlement Reticulation	108		ZMAP115	Nhlohlela		3 198 672
Ulundi	>2017	Usuthu	2	Settlement Reticulation	66		ZMAP116	Ezinwagwini		1 879 632
Ulundi	>2017	Usuthu	3	Bulks	63	2 036		Off-take from mains to Res12 at Godlankomo	885 532	
Ulundi	>2017	Usuthu	3	Bulks	160	6 261		Bulk mains from Res4 to Res1 at Isihulu	8 918 230	
Ulundi	>2017	Usuthu	3	Bulks	160	5 250		Bulk mains from Res1 to remaining reservoirs	7 478 258	
Ulundi	>2017	Usuthu	3	Bulks	75	229		Off-take to REs2 at Dakaneni	107 587	
Ulundi	>2017	Usuthu	3	Pump Station	28l/s			PS3 at Ngobodo	768 653	
Ulundi	>2017	Usuthu	3	Storage	60Kl			Res3 Ngobodo	697 662	
Ulundi	>2017	Usuthu	3	Storage	200Kl			Res2 at Dakaneni	1 188 880	

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LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Ulundi	>2017	Usuthu	3	Storage	200Kl			Res1 at Isihulu	1 188 880	
Ulundi	>2017	Usuthu	3	Storage	100Kl			Res12 at Godlankomo	796 138	
Ulundi	>2017	Usuthu	3	Settlement Reticulation	260		ZRN4	Godlankomo		7 782 336
Ulundi	>2017	Usuthu	3	Bulk Supply Connection	184		Z437	Bhoholo		-
Ulundi	>2017	Usuthu	3	Settlement Reticulation	112		Z436	Isihulu		2 329 936
Ulundi	>2017	Usuthu	3	Settlement Reticulation	81		Z443	Nomdidwa		1 643 437
Ulundi	>2017	Usuthu	3	Settlement Reticulation	75		Z441	Mkhulwana		1 497 816
Ulundi	>2017	Usuthu	3	Bulk Supply Connection	68		ZMD9	Nqobodo		-
Ulundi	>2017	Usuthu	3	Settlement Reticulation	41		Z440	Magayiseni		978 549
Ulundi	>2017	Usuthu	3	Bulk Supply Connection	31		Z439	Dakaneni		-
Ulundi	>2017	Usuthu	3	Bulk Supply Connection	263		Z438	Nhlawini		-
Ulundi	>2017	Usuthu	4	Bulks	250	3 535		Bulk mains from PS1 to off-take at Res4 (Thandamali)	5 073 336	
Ulundi	>2017	Usuthu	4	Bulks	50	2 175			875 746	
Ulundi	>2017	Usuthu	4	Bulks	63	197			85 538	
Ulundi	>2017	Usuthu	4	Bulks	110	2 949		Sec bulks to Res7	2 904 996	
Ulundi	>2017	Usuthu	4	Bulks	75	468		Sec bulks to Res7	219 775	
Ulundi	>2017	Usuthu	4	Pump Station	1.2/s			PS4 north of Basamilo1	768 653	
Ulundi	>2017	Usuthu	4	Storage	200Kl			Res4 at Chibini3	1 188 880	
Ulundi	>2017	Usuthu	4	Storage	100Kl			Res5 north of Basamilo	796 138	
Ulundi	>2017	Usuthu	4	Storage	60Kl			Res6 at Nqubaneni	697 662	
Ulundi	>2017	Usuthu	4	Storage	200Kl			Res7 at Esidakeni2	1 188 880	
Ulundi	>2017	Usuthu	4	Storage	100Kl			Res 11 at Kwantabaneni	796 138	
Ulundi	>2017	Usuthu	4	Storage	60Kl			Res 8 at Mhlope	697 662	
Ulundi	>2017	Usuthu	4	Settlement Reticulation	97		Z442	Nqubaneni		3 099 744
Ulundi	>2017	Usuthu	4	Settlement Reticulation	132		Z449	Kwantabaneni		4 122 000
Ulundi	>2017	Usuthu	4	Bulk Supply Connection	178		Z447	Basamilo 1		-
Ulundi	>2017	Usuthu	4	Settlement Reticulation	50		Z451	Skalambazo		1 384 992
Ulundi	>2017	Usuthu	4	Bulk Supply Connection	36		Z444	Thandamali		-
Ulundi	>2017	Usuthu	4	Bulk Supply Connection	56		Z445	Miamlankuzi		-
Ulundi	>2017	Usuthu	4	Bulk Supply Connection	106		ZMD10	Chibini 3		-
Ulundi	>2017	Usuthu	5	Bulks	300	970		Bulk gravity mains from Res C to PS1 at Ndwaleni	1 804 161	
Ulundi	>2017	Usuthu	5	Bulks	300	14 185		Bulk gravity mains from Res C to PS1 at Ndwaleni	26 380 916	
Ulundi	>2017	Usuthu	5	Bulks	250	3 571		Bulk mains from PS1 to off-take at Res4 (Thandamali)	5 124 638	
Ulundi	>2017	Usuthu	5	Bulks	75	275		Off-take from mains to Res 10 at Mashiyane	129 388	
Ulundi	>2017	Usuthu	5	Storage	1ML			Bulk Res C at Qhudebe	2 824 439	
Ulundi	>2017	Usuthu	5	Pump Station	62/s			PS1 at Ndwaleni	768 653	
Ulundi	>2017	Usuthu	5	Pump Station	55/s			PS2 at Nende	768 653	
Ulundi	>2017	Usuthu	5	Storage	100Kl			Res 10 at Mashiyane	796 138	
Ulundi	>2017	Usuthu	5	Storage	100Kl			Res 9 at Mhlophe	796 138	
Ulundi	>2017	Usuthu	5	Settlement Reticulation	113		Z46	Qhudebe		3 693 312
Ulundi	>2017	Usuthu	5	Settlement Reticulation	45		Z89	Phangole		1 352 016
Ulundi	>2017	Usuthu	5	Settlement Reticulation	46		Z45	Odizima		1 483 920
Ulundi	>2017	Usuthu	5	Settlement Reticulation	64		Z83	Kwameke		2 011 536
Ulundi	>2017	Usuthu	5	Settlement Reticulation	78		Z82	Sikhumbeni		2 440 224

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LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Ulundi	>2017	Usuthu	5	Settlement Reticulation	61		Z33	Niambonde		1 455 278
Ulundi	>2017	Usuthu	5	Settlement Reticulation	40		Z30	Ndwaleri		853 094
Ulundi	>2017	Usuthu	5	Settlement Reticulation	96		Z29	Eggumeni		2 835 936
Ulundi	>2017	Usuthu	5	Settlement Reticulation	13		Z27	Nende		449 471
Ulundi	>2017	Usuthu	5	Settlement Reticulation	77		Z28	Ezembeni		2 440 224
Ulundi	>2017	Usuthu	5	Settlement Reticulation	45		Z44	Kwadayeni		1 417 968
Ulundi	>2017	Usuthu	5	Settlement Reticulation	29		Z43	Kwasaku		956 304
Ulundi	>2017	Usuthu	5	Bulk Supply Connection	80		Z42	Okhalweni 1		-
Ulundi	>2017	Usuthu	5	Bulk Supply Connection	108		Z40	Esibomvu		-
Ulundi	>2017	Usuthu	5	Bulk Supply Connection	129		Z41	Kwampanza		-
Ulundi	>2017	Usuthu	5	Settlement Reticulation	138		Z47	Ezimfabeni		3 891 168
Ulundi	>2017	Usuthu	5	Bulk Supply Connection	112		Z48	Nsabekhuluma 1		-
Ulundi	>2017	Usuthu	5	Bulk Supply Connection	221		ZHR6	Mbabazi		-
Ulundi	>2017	Usuthu	5	Bulk Supply Connection	63		Z49	Emferyane		-
Ulundi	>2017	Usuthu	5	Settlement Reticulation	14		ZMAP111	Hluthy		572 054
Ulundi	>2017	Usuthu	5	Settlement Reticulation	5		ZMAP112	Okhwathe		122 583
Ulundi	>2017	Usuthu	6	Bulks	75	3 532		Bulk gravity mains off-take from PS1 to Res11 at Kwantabaneni	1 659 141	
Ulundi	>2017	Usuthu	7	Bulks	110	1 583		Sec bulks feeding sec bulk reservoirs	1 559 133	
Ulundi	>2017	Usuthu	7	Bulks	110	624		Sec bulks feeding sec bulk reservoirs	615 174	
Ulundi	>2017	Usuthu	7	Bulks	75	3 458		Sec bulks feeding sec bulk reservoirs	1 624 235	
Ulundi	>2017	Usuthu	7	Bulks	63	1 088		Sec bulks feeding sec bulk reservoirs	473 088	
Ulundi	>2017	Usuthu	7	Bulks	63	770		Sec bulks feeding sec bulk reservoirs	335 049	
Ulundi	>2017	Usuthu	7	Bulks	63	972		Sec bulks in Esphiva	422 743	
Ulundi	>2017	Usuthu	7	Bulks	75	2 097		Sec bulks in Bhungwane	985 206	
Ulundi	>2017	Usuthu	7	Bulks	50	676		Sec bulks in Bhungwane	272 330	
Ulundi	>2017	Usuthu	7	Bulks	75	3 742		Off-take to res at Xasane	1 757 944	
Ulundi	>2017	Usuthu	7	Bulks	75	1 260		Off-take to res at Mpangeleni	591 883	
Ulundi	>2017	Usuthu	7	Bulks	75	79		Off-take to res at Qubeni	37 015	
Ulundi	>2017	Usuthu	7	Bulks	75	1 516		Sec bulks feeding sec bulk reservoirs	711 998	
Ulundi	>2017	Usuthu	7	Bulks	110	853		Off-take to Res at Bhokweni2	840 431	
Ulundi	>2017	Usuthu	7	Bulks	110	221		Off-take to Res at Bhokweni2	218 132	
Ulundi	>2017	Usuthu	7	Bulks	110	44		Sec bulks feeding sec bulk reservoirs	43 352	
Ulundi	>2017	Usuthu	7	Bulks	160	931		Sec bulks feeding sec bulk reservoirs	1 325 783	
Ulundi	>2017	Usuthu	7	Bulks	160	1 537		Sec bulks feeding sec bulk reservoirs	2 189 490	
Ulundi	>2017	Usuthu	7	Bulks	160	466		Sec bulks feeding sec bulk reservoirs	664 453	
Ulundi	>2017	Usuthu	7	Bulks	160	2 072		Sec bulks feeding sec bulk reservoirs	2 951 654	
Ulundi	>2017	Usuthu	7	Bulks	110	1 138		Sec bulks feeding sec bulk reservoirs	1 120 697	
Ulundi	>2017	Usuthu	7	Bulks	110	1 482		Sec bulks feeding sec bulk reservoirs	1 459 984	
Ulundi	>2017	Usuthu	7	Bulks	75	2 504		Sec bulks feeding sec bulk reservoirs	1 176 049	
Ulundi	>2017	Usuthu	7	Bulks	63	46		Off-take to res at Thusini	19 843	
Ulundi	>2017	Usuthu	7	Bulks	110	43		Off-take to res at Thusini	42 163	
Ulundi	>2017	Usuthu	7	Bulks	110	40		Off-take to res at Thusini	39 868	
Ulundi	>2017	Usuthu	7	Storage	30KI			Sec Bulk Res at Xasane1	509 520	
Ulundi	>2017	Usuthu	7	Storage	30KI			Sec Bulk Res at Amaphiva	509 520	
Ulundi	>2017	Usuthu	7	Storage	30KI			Sec Bulk Res at Ngabeni	509 520	
Ulundi	>2017	Usuthu	7	Storage	30KI			Sec Bulk Res at Bhokweni2	509 520	
Ulundi	>2017	Usuthu	7	Storage	30KI			Sec Bulk Res at Mpangeleni	509 520	
Ulundi	>2017	Usuthu	7	Storage	30KI			Sec Bulk Res at Qubeni	509 520	
Ulundi	>2017	Usuthu	7	Storage	100KI			Bulk Res E at Thusini	796 138	
Ulundi	>2017	Usuthu	7	Storage	30KI			Sec Bulk Res at Thusini	509 520	
Ulundi	>2017	Usuthu	7	Storage	30KI			Sec Bulk Res at Sofarweni	509 520	

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Ulundi	>2017	Usuthu	7	BPT	30KI			BPT at Xasane2	509 520	
Ulundi	>2017	Usuthu	7	BPT	30KI			BPT at Bhungwane	509 520	
Ulundi	>2017	Usuthu	7	BPT	30KI			BPT at Sofanweni	509 520	
Ulundi	>2017	Usuthu	7	BPT	30KI			BPT at Sofanweni	509 520	
Ulundi	>2017	Usuthu	7	Storage	30KI			Sec Bulk Res at Sofanweni	509 520	
Ulundi	>2017	Usuthu	7	Storage	30KI			Sec Bulk Res near Mhqakwe	509 520	
Ulundi	>2017	Usuthu	7	Storage	30KI			Sec Bulk Res at Esphiva	509 520	
Ulundi	>2017	Usuthu	7	BPT	30KI			BPT at Esphiva	509 520	
Ulundi	>2017	Usuthu	7	Storage	30KI			Sec Bulk Res at Bhungwane	509 520	
Ulundi	>2017	Usuthu	7	Bulk Supply Connection	106		Z679	Esphiva		-
Ulundi	>2017	Usuthu	7	Settlement Reticulation	16		Z673	Bhokweni 1		461 664
Ulundi	>2017	Usuthu	7	Settlement Reticulation	118		Z80a	Kwamane 1		2 860 374
Ulundi	>2017	Usuthu	7	Settlement Reticulation	45		Z80b	kwamane 2		1 417 968
Ulundi	>2017	Usuthu	7	Bulk Supply Connection	104		Z672	Bhungwane		-
Ulundi	>2017	Usuthu	7	Bulk Supply Connection	38		Z668	Xasane 1		-
Ulundi	>2017	Usuthu	7	Bulk Supply Connection	18		Z671	Xasane 2		-
Ulundi	>2017	Usuthu	7	Settlement Reticulation	29		Z667	Pelepele		857 376
Ulundi	>2017	Usuthu	7	Settlement Reticulation	164		Z666	Amaphiva		4 748 544
Ulundi	>2017	Usuthu	7	Settlement Reticulation	45		Z670	Nqabeni		1 121 184
Ulundi	>2017	Usuthu	7	Settlement Reticulation	172		Z674	Bhokweni 2		4 484 736
Ulundi	>2017	Usuthu	7	Settlement Reticulation	55		Z675	Mpangeleni		2 247 355
Ulundi	>2017	Usuthu	7	Bulk Supply Connection	37		Z676	Thusini		-
Ulundi	>2017	Usuthu	7	Bulk Supply Connection	97		Z678	Sofanweni		-
Ulundi	>2017	Usuthu	7	Settlement Reticulation	24		ZMAP93	Qubeni		526 911
Ulundi	>2017	Usuthu	7	Settlement Reticulation	39		Z669	Nqabeni		702 548
Ulundi	>2017	Usuthu	8	Bulks	110	1 462		Sec bulks feeding sec bulk reservoirs	1 439 800	
Ulundi	>2017	Usuthu	8	Bulks	75	981		Off-take to res at Chibini1	461 047	
Ulundi	>2017	Usuthu	8	Bulks	110	576		Sec bulks feeding sec bulk reservoirs	566 917	
Ulundi	>2017	Usuthu	8	Bulks	110	6 491		Sec bulks feeding sec bulk reservoirs	6 394 366	
Ulundi	>2017	Usuthu	8	Bulks	63	2 675		Sec bulks feeding sec bulk reservoirs	1 163 506	
Ulundi	>2017	Usuthu	8	Bulks	75	595		Off-take to res at Chibini2	279 492	
Ulundi	>2017	Usuthu	8	Bulks	75	592		Off-take to res at Chibini2	278 331	
Ulundi	>2017	Usuthu	8	Bulks	110	510		Off-take to Res at Nogulwane	502 538	
Ulundi	>2017	Usuthu	8	Bulks	110	1 541		Off-take to Res at Nogulwane	1 518 341	
Ulundi	>2017	Usuthu	8	Storage	30KI			Sec res at Mganimbobo	509 520	
Ulundi	>2017	Usuthu	8	Storage	30KI			Sec res at Nogulwane	509 520	
Ulundi	>2017	Usuthu	8	Storage	30KI			Sec res at Chibini2	509 520	
Ulundi	>2017	Usuthu	8	Storage	30KI			Sec res at Chibini1	509 520	
Ulundi	>2017	Usuthu	8	Settlement Reticulation	43		Z87	Esiphethu		1 253 088
Ulundi	>2017	Usuthu	8	Settlement Reticulation	15		Z92	Mwasomhobisa		612 915
Ulundi	>2017	Usuthu	8	Settlement Reticulation	61		Z88	Sanuka		2 002 189
Ulundi	>2017	Usuthu	8	Settlement Reticulation	63		Z682b	Chibini 1		1 757 023
Ulundi	>2017	Usuthu	8	Settlement Reticulation	71		Z683	Isiphethu		2 209 392
Ulundi	>2017	Usuthu	8	Bulk Supply Connection	90		Z684	Mhqakwe		-
Ulundi	>2017	Usuthu	8	Settlement Reticulation	80		Z685	Mganimbobo		2 941 992
Ulundi	>2017	Usuthu	8	Settlement Reticulation	24		Z681	Isiquqa		626 544
Ulundi	>2017	Usuthu	8	Settlement Reticulation	32		Z682a	Chibini 2		1 055 232
Ulundi	>2017	Usuthu	8	Settlement Reticulation	36		Z691	Nogulwane		1 154 160
Ulundi	>2017	Usuthu	8	Settlement Reticulation	92		Z692	Jwela		2 923 079

REGIONAL SCHEME ROLLOUTS

LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Ulundi	>2017	Usuthu	10	Bulk Supply Connection	81		ZHR5	Shkulile		-
Ulundi	>2017	Usuthu	10	Settlement Reticulation	90		Z31	Diabane		2 032 371
Ulundi	>2017	Usuthu	10	Bulk Supply Connection	29		Z39	Owasha (Nongoma)		-
Ulundi	>2017	Usuthu	10	Bulk Supply Connection	152		ZHR7	Nzukasi		-
Ulundi	>2017	Usuthu	10	Bulk Supply Connection	56		Z38	Emabeka		-
Ulundi	>2017	Usuthu	12	Bulks	160	827		Gravity pipeline from Res D5 to Res D9	1 177 343	
Ulundi	>2017	Usuthu	14	Bulks	75	1 890		Sec bulks feeding sec bulk reservoirs	887 945	
Ulundi	>2017	Usuthu	14	Bulks	75	235		Sec bulks feeding sec bulk reservoirs	110 447	
Ulundi	>2017	Usuthu	14	Bulks	75	606		Sec bulks feeding sec bulk reservoirs	284 886	
Ulundi	>2017	Usuthu	14	Bulks	63	1 455		Sec bulks feeding sec bulk reservoirs	632 678	
Ulundi	>2017	Usuthu	14	Bulks	63	775		Sec bulks feeding sec bulk reservoirs	337 066	
Ulundi	>2017	Usuthu	14	Bulks	63	51		Off-take to res at Wela1	22 200	
Ulundi	>2017	Usuthu	14	Bulks	63	2 852		Sec bulks feeding sec bulk reservoirs	1 240 753	
Ulundi	>2017	Usuthu	14	Bulks	75	454		Off-take to Res at Mbululwane	213 382	
Ulundi	>2017	Usuthu	14	Bulks	75	770		Off-take to Res at Mbululwane	361 728	
Ulundi	>2017	Usuthu	14	Bulks	110	800		Proposed supplementary pipeline from existing borehole at Mbanda1	787 791	
Ulundi	>2017	Usuthu	14	Bulks	110	1 513		Proposed supplementary pipeline from existing borehole at Mbanda1	1 490 162	
Ulundi	>2017	Usuthu	14	Bulks	110	315		Proposed supplementary pipeline from existing borehole at Mbanda1	310 155	
Ulundi	>2017	Usuthu	14	Bulks	75	172		Sec bulks feeding sec bulk reservoirs	80 970	
Ulundi	>2017	Usuthu	14	Bulks	50	628		Sec bulks at Bhodludaka	252 822	
Ulundi	>2017	Usuthu	14	Storage	30KI			Sec res at Wela1	509 520	
Ulundi	>2017	Usuthu	14	BPT	30KI			BPT at Bhodludaka	509 520	
Ulundi	>2017	Usuthu	14	Storage	30KI			Sec res at Mbanda1	509 520	
Ulundi	>2017	Usuthu	14	Storage	30KI			Sec res at Njojanana	509 520	
Ulundi	>2017	Usuthu	14	Storage	30KI			Sec res at Mbululwane	509 520	
Ulundi	>2017	Usuthu	14	Settlement Reticulation	49		Z695	Bhodludaka		1 384 992
Ulundi	>2017	Usuthu	14	Settlement Reticulation	56		Z694	Mbanda 1		1 582 848
Ulundi	>2017	Usuthu	14	Settlement Reticulation	30		ZTAS6	Wela 1		725 472
Ulundi	>2017	Usuthu	14	Settlement Reticulation	65		Z693	Njojanana		2 110 464
Ulundi	>2017	Usuthu	14	Settlement Reticulation	18		Z705	Kwanodwengu		735 498
Ulundi	>2017	Usuthu	14	Settlement Reticulation	55		Z701	Mbululwane		2 247 355
Ulundi	>2017	Usuthu	14	Settlement Reticulation	34		Z706	Mbanda 2		1 348 413
Ulundi	>2017	Usuthu	15	Bulks	160	495		Gravity pipeline from Res D5 to Res D9	704 567	
Ulundi	>2017	Usuthu	15	Bulks	160	1 020		Gravity pipeline from Res D5 to Res D9	1 453 337	
Ulundi	>2017	Usuthu	15	Bulks	160	829		Gravity pipeline from Res D5 to Res D9	1 180 181	
Ulundi	>2017	Usuthu	15	Bulks	160	1 007		Gravity pipeline from Res D5 to Res D9	1 434 252	
Ulundi	>2017	Usuthu	15	Bulks	150	4 662		Gravity pipeline from Res D5 to Res D9	4 941 020	
Ulundi	>2017	Usuthu	15	Bulks	75	2 551		Off-take to BPT at Mvalo	1 198 339	
Ulundi	>2017	Usuthu	15	Bulks	75	179		Pipeline from Res D10 to Res D11 Khulwane	84 084	
Ulundi	>2017	Usuthu	15	Bulks	75	894		Pipeline from Res D10 to Res D11 Khulwane	420 198	
Ulundi	>2017	Usuthu	15	Bulks	75	1 291		Pipeline from Res D10 to Res D11 Khulwane	606 519	
Ulundi	>2017	Usuthu	15	Bulks	75	278		Gravity pipeline from Res D10 to Res D12 at Lomo	130 605	
Ulundi	>2017	Usuthu	15	Bulks	75	2 283		Gravity pipeline from Res D10 to Res D12 at Lomo	1 072 564	
Ulundi	>2017	Usuthu	15	Bulks	75	677		Gravity pipeline from Res D10 to Res D12 at Lomo	317 935	
Ulundi	>2017	Usuthu	15	Bulks	75	435		Pipeline from Res D10 to Res D11 at Khulwane	204 479	
Ulundi	>2017	Usuthu	15	Bulks	75	91		Bulk gravity pipeline from Res D9 to Res D10	42 592	
Ulundi	>2017	Usuthu	15	Bulks	75	1 056		Pipeline from Res D10 to Res D11 at Khulwane	496 233	
Ulundi	>2017	Usuthu	15	Bulks	110	2 431		Bulk gravity pipeline from Res D9 to Res D10 at Lomo	2 394 622	
Ulundi	>2017	Usuthu	15	Bulks	75	50		Off-take to Res D10 at Lomo	23 425	

REGIONAL SCHEME ROLLOUTS

LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
Ulundi	>2017	Usuthu	15	BPT	30KI			BPT at Mvalo	509 520	
Ulundi	>2017	Usuthu	15	BPT	30KI			BPT at Nduvu	509 520	
Ulundi	>2017	Usuthu	15	Storage	100KI			Res D9.1 at Nduvu	796 138	
Ulundi	>2017	Usuthu	15	Storage	100KI			Res D9.2 at Nduvu	796 138	
Ulundi	>2017	Usuthu	15	Storage	100KI			Res D9.3 at Nduvu	796 138	
Ulundi	>2017	Usuthu	15	Storage	30KI			Res D10 at Lomo	509 520	
Ulundi	>2017	Usuthu	15	Storage	30KI			Res D11 at Khulwane	509 520	
Ulundi	>2017	Usuthu	15	Storage	30KI			Res D12 at Lomo	509 520	
Ulundi	>2017	Usuthu	15	BPT	30KI			BPT at Lomo	509 520	
Ulundi	>2017	Usuthu	15	BPT	30KI			BPT at Ntabayezulu	509 520	
Ulundi	>2017	Usuthu	15	BPT	30KI			BPT at Ntabayezulu	509 520	
Ulundi	>2017	Usuthu	15	Settlement Reticulation	29		Z689	Obinda		898 942
Ulundi	>2017	Usuthu	15	Settlement Reticulation	154		Z688	Mvalo		4 903 320
Ulundi	>2017	Usuthu	15	Settlement Reticulation	48		Z687	Thembalihle		1 593 579
Ulundi	>2017	Usuthu	15	Settlement Reticulation	77		Z698	Pholela		2 209 392
Ulundi	>2017	Usuthu	15	Settlement Reticulation	195		Z699	Nduvu		5 375 088
Ulundi	>2017	Usuthu	15	Settlement Reticulation	31		Z708	Lomo/Mhluwanini		1 266 691
Ulundi	>2017	Usuthu	15	Settlement Reticulation	46		Z697	Lomo/Maza		1 634 440
Ulundi	>2017	Usuthu	15	Settlement Reticulation	27		Z696	Lomo/Mahlaba		776 359
Ulundi	>2017	Usuthu	15	Settlement Reticulation	172		Z686	Khulwane		5 843 123
Ulundi	>2017	Usuthu	15	Settlement Reticulation	173		Z710	Okhukhu		4 804 140
Ulundi	>2017	Usuthu	15	Settlement Reticulation	17		ZMAP110	Mgubameni		612 915
Ulundi	>2017	Usuthu	2,3	Settlement Reticulation	314		Z10	Brush/Nsukangihlale		9 299 232
Ulundi	>2017	Usuthu	2,4	Bulk Supply Connection	79		Z448	Nende		-
Ulundi	>2017	Usuthu	4,5	Settlement Reticulation	31		ZMAP113	Mhlophe		956 304
Ulundi	>2017	Usuthu	5,10	Settlement Reticulation	131		Z32	Mashiyane		3 161 466
Ulundi	>2017	Usuthu	7,8	Settlement Reticulation	159		Z680	Xolo		4 781 520
Ulundi	>2017	Usuthu	AbaQ4,UI4	Settlement Reticulation	355		Z446	Esidakeni 2		8 530 940
uPhongolo	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	58		ZHR15	Belvue Farm		1 846 656
uPhongolo	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	15		ZPM4	Kwa Ceba		531 193
uPhongolo	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	42		ZHC27	Dwaalhoek		1 838 745
uPhongolo	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	17		ZPM1	Kwamalinga		694 637
uPhongolo	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	139		ZMAP97	Kwafuduka		5 679 679
uPhongolo	Pending Masterplan Outcome	Coronation	1	Settlement Reticulation	58		ZHC26	Parys Trust		2 206 494
uPhongolo	Pending Masterplan Outcome	Coronation	1,1	Settlement Reticulation	112		Z902	Kwabanakile		5 230 208
uPhongolo	2016/17	Simdlangentsha Central	3	Bulk Supply Connection	131		Z529	Mavuka		-
uPhongolo	2016/17	Simdlangentsha Central	3	Bulk Supply Connection	50		Z531	Emncithini		-
uPhongolo	2016/17	Simdlangentsha Central	3	Bulk Supply Connection	83		Z530	Luphiso		-
uPhongolo	2016/17	Simdlangentsha Central	3	Bulk Supply Connection	66		Z772	Khipunyawo		-
uPhongolo	2016/17	Simdlangentsha Central	3	Bulk Supply Connection	145		Z528	Enkwambase		-
uPhongolo	2016/17	Simdlangentsha Central	3	Bulks	250	5 215		Regional bulk pipeline from source to existing reservoir at Luphiso	7 483 592	
uPhongolo	2016/17	Simdlangentsha Central	3	Pump Station				Booster pump at Khipunyawo on regional bulk pipeline	46 119	
uPhongolo	2016/17	Simdlangentsha Central	5	Bulk Supply Connection	101		Z773	Ntabsozulu		-
uPhongolo	2016/17	Simdlangentsha Central	3,5	Bulk Supply Connection	144		Z533	Sibhangsakomo		-
uPhongolo	2016/17	Simdlangentsha Central	3	Bulks	250	7 121		Regional bulk pipeline from Luphiso reservoir to new regional bulk reservoir at Ombimbini1	10 219 804	
uPhongolo	2016/17	Simdlangentsha East	11	Bulks		6 221		Upgrade rising main from Pongola Reservoir to existing Reservoir P1	2 000 000	

REGIONAL SCHEME ROLLOUTS

LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
uPhongolo	>2017	Simdlangentsha East	9	Bulks		3 530		Upgrade pipeline from Reservoir P1 to new reservoir at Mhushulu	1 595 023	
uPhongolo	>2017	Simdlangentsha East	13	Bulks		7 733		Upgrade existing pipeline from Reservoir P1 to new reservoir at Kwa Nkomfe	3 494 077	
uPhongolo	>2017	Simdlangentsha East	13	Storage	0.6ML			New reservoir for retics	2 520 426	
uPhongolo	>2017	Simdlangentsha East	8	Bulks		5 470		Upgrade rising main from Reservoir P1 to new reservoir at Elangeni	2 471 538	
uPhongolo	>2017	Simdlangentsha East	8	Storage	1.25ML			New reservoir for retics	3 142 040	
uPhongolo	>2017	Simdlangentsha East	13	Bulks		3 488		Upgrade pipeline from new reservoir at Elangeni to new reservoir at Dumakungweni	1 576 034	
uPhongolo	>2017	Simdlangentsha East	13	Storage	0.75ML			New reservoir for retics	2 732 726	
uPhongolo	>2017	Simdlangentsha East	7	Storage	0.8ML			New reservoir for retics	2 742 916	
uPhongolo	>2017	Simdlangentsha East	8	Bulks		2 097		Upgrade rising main from new reservoir at Elangeni to new reservoir at Magombe	947 332	
uPhongolo	>2017	Simdlangentsha East	8	Bulks		9 646		Upgrade pipeline from new reservoir at Mahlombe to new reservoir at Phondwane	4 358 296	
uPhongolo	>2017	Simdlangentsha East	8	Storage	0.2ML			New reservoir for retics	1 188 880	
uPhongolo	>2017	Simdlangentsha East	13	Storage	0.55ML			New reservoir for retics	2 432 109	
uPhongolo	>2017	Simdlangentsha East	14	Storage - Proposed	1.5ML			New reservoir for retics	-	
uPhongolo	>2017	Simdlangentsha Central	3	Bulk Supply Connection	56		Z760	Magiqweni		-
uPhongolo	>2017	Simdlangentsha Central	3	Bulk Supply Connection	160		Z759	Vimbemshini		-
uPhongolo	>2017	Simdlangentsha Central	3	Bulk Supply Connection	131		Z421	Dungamanzi 2		-
uPhongolo	>2017	Simdlangentsha Central	3	Bulk Supply Connection	155		Z423	Gesi		-
uPhongolo	>2017	Simdlangentsha Central	3	Bulk Supply Connection	131		Z426	Ombimbini 1		-
uPhongolo	>2017	Simdlangentsha Central	3	Bulk Supply Connection	146		Z427	Mdiyane		-
uPhongolo	>2017	Simdlangentsha Central	3	Bulk Supply Connection	122		Z753	Newstand		-
uPhongolo	>2017	Simdlangentsha Central	3	Bulks	160	7 706		Regional bulk pipelines from Ombimbini to BPT at Bongaspoort	10 976 197	
uPhongolo	>2017	Simdlangentsha Central	3	Storage	2.29ml			New bulk regional reservoir at Ombimbini	6 682 524	
uPhongolo	>2017	Simdlangentsha Central	5	Bulk Supply Connection	58		Z725	Mabonjane		-
uPhongolo	>2017	Simdlangentsha Central	5	Storage	640kl			Proposed Clear-water reservoir at Belgrade	2 554 394	
uPhongolo	>2017	Simdlangentsha Central	5	Storage	640kl			Proposed Raw water reservoir at Belgrade	2 554 394	
uPhongolo	>2017	Simdlangentsha Central	6	Bulk Supply Connection	105		Z722	Kwambhulu		-
uPhongolo	>2017	Simdlangentsha Central	6	Settlement Reticulation	49		Z769	Mafindose		1 879 606
uPhongolo	>2017	Simdlangentsha Central	6	Settlement Reticulation	162		Z768	Klipwal		6 374 316
uPhongolo	>2017	Simdlangentsha Central	6	Settlement Reticulation	109		ZBUK63	Diomodlomo 1		3 561 408
uPhongolo	>2017	Simdlangentsha Central	6	Settlement Reticulation	65		Z767	Mfenyane		2 329 077
uPhongolo	>2017	Simdlangentsha Central	6	Bulk Supply Connection	196		Z526	Manzabomvu 1		-
uPhongolo	>2017	Simdlangentsha Central	6	Bulk Supply Connection	63		Z761	Bongaspoort		-
uPhongolo	>2017	Simdlangentsha Central	6	Bulk Supply Connection	79		Z762	Ezinketheni		-
uPhongolo	>2017	Simdlangentsha Central	6	Bulk Supply Connection	104		Z378	Nkosientsha		-
uPhongolo	>2017	Simdlangentsha Central	6	Bulk Supply Connection	59		Z527	Mfalovalu		-
uPhongolo	>2017	Simdlangentsha Central	6	Bulk Supply Connection	54		Z377	Ezibayeni		-
uPhongolo	>2017	Simdlangentsha Central	6	Bulk Supply Connection	43		Z381	Mgwadlu		-
uPhongolo	>2017	Simdlangentsha Central	6	Bulk Supply Connection	48		Z376	Emabomvu		-
uPhongolo	>2017	Simdlangentsha Central	6	Bulk Supply Connection	25		Z380	Kortnek		-
uPhongolo	>2017	Simdlangentsha Central	6	Bulk Supply Connection	81		Z379	Maganda		-
uPhongolo	>2017	Simdlangentsha Central	6	Bulk Supply Connection	200		Z424	Ntabakayishi		-
uPhongolo	>2017	Simdlangentsha Central	6	Bulk Supply Connection	190		Z429	Altona		-
uPhongolo	>2017	Simdlangentsha Central	6	Bulk Supply Connection	31		ZTAS57	Thusazane		-

REGIONAL SCHEME ROLLOUTS

LM	FIN. YEAR	Reg. Scheme	Ward	Item Type	Size or Number of households	LENGTH	Z-Nr	Description or Settlement Name	Cost (Bulks)	Cost (Retics)
uPhongolo	>2017	Simdlangentsha Central	6	Bulks	110	1 427		Regional bulk pipelines from Ombimbini to BPT at Bongaspoort	1 405 844	
uPhongolo	>2017	Simdlangentsha Central	6	Bulks	110	7		Regional bulk pipelines from Ombimbini to BPT at Bongaspoort	6 993	
uPhongolo	>2017	Simdlangentsha Central	6	Bulks	110	169		Regional bulk pipelines from Ombimbini to BPT at Bongaspoort	166 525	
uPhongolo	>2017	Simdlangentsha Central	6	Bulks	110	37		Regional bulk pipelines from Ombimbini to BPT at Bongaspoort	35 976	
uPhongolo	>2017	Simdlangentsha Central	6	Bulks	90	4 864		Regional bulk pipeline from Bongaspoort to Klipwal	2 546 763	
uPhongolo	>2017	Simdlangentsha Central	6	Bulks	110	5 820		Regional bulk pipeline from Bongaspoort to Emabomvu	5 733 140	
uPhongolo	>2017	Simdlangentsha Central	6	Bulks	110	25		Regional bulk pipeline from Bongaspoort to Emabomvu	24 814	
uPhongolo	>2017	Simdlangentsha Central	6	Bulks	110	5		Regional bulk pipeline from Bongaspoort to Emabomvu	5 158	
uPhongolo	>2017	Simdlangentsha Central	6	Storage	160kl			New regional bulk reservoir at Klipwal	1 035 803	
uPhongolo	>2017	Simdlangentsha Central	6	Storage	180kl			New regional bulk reservoir at Emabomvu	1 103 960	
uPhongolo	>2017	Simdlangentsha Central	6	BPT				BPT at Bongaspoort	84 920	
uPhongolo	>2017	Simdlangentsha Central	3,6	Bulk Supply Connection	208		Z428	Ncithini		-
uPhongolo	>2017	Usuthu	1	Settlement Reticulation	150		ZMAP31	Mpakama		5 679 679
uPhongolo	>2017	Usuthu	1	Settlement Reticulation	38		ZMAP32	KwaMqanga		1 266 691
uPhongolo	>2017	Usuthu	1	Settlement Reticulation	24		ZMAP33	Mpalaza (Ntshangase Trust)		817 220
uPhongolo	>2017	Usuthu	1	Settlement Reticulation	83		ZHC25	Ntshangase Trust (Meriba 619)		2 655 965

Table 10.1: Roll-out of Stand-alone Schemes

INTERMEDIATE STAND-ALONE SCHEMES								
Implementation Year	Local Municipality	Regional Scheme	Stand-alone Scheme Name	Ward 2011	Z-Nr	Settlement Name	Cost	Households Served
COMPLETED	Nongoma	Mandhlakazi	Sovana Phase 1	3	Z332 Z330 ZBUK25	Njonyomane Sovana Magendene	Completed	68 80 17
COMPLETED	Nongoma	Mandhlakazi	Henende	4,20	Z823 Z218 Z777 Z223 Z224 Z630 Z211	Thusani Henenende (Mbonjeni) Henenende Ebukhalini Qathaqatheni Mlane Khokhwanweni	Completed	4 102 174 55 113 218 146
COMPLETED	Ulundi	Usuthu	Sikhumbeni Phase 1&2	5	ZMAP112	Okhwathe	R105m (Phase2 under construction)	5
				5	Z46	Ohudebe		113
				5	Z89	Phangole		45
				5	Z45	Odizima		46
				5	Z83	Kwameke		64
				5	Z82	Sikhumbeni		78
				5	Z44	Kwadayeni		45
				5	Z43	Kwasaku		29
				5	Z42	Okhalweni 1		80
				5	Z40	Esibomvu		108
				5	Z41	Kwampanza		129
				5	Z47	Ezimfabeni		138
				5	Z48	Nsabekhuluma 1		112
				5	ZHR6	Mbabazi		221
				5	Z49	Emfenyane		63
				6	ZHR5	Shkulile		81
				6	Z39	Qwasha (Nongoma)		29
				6	ZHR7	Nzukasi		152
				6	Z38	Emabeka		56
	Nongoma			14	Z549	Kwa Musi		294
				14	Z553	Nsimbini		119
				14	Z551	Dayeni		137
				14	Z552	Shisuthu		114
				14	ZMAP29	Mbhukudu		103
				14	Z555	Ezimpakaneni		134
COMPLETED	Ulundi	Nkonjeni	Lomo	15	Z708	Lomo/Mhluwanini	R15m (Under construction)	31
					Z697	Lomo/Mlaza		46
					Z696	Lomo/Mahlaba		27
					Z686	Khulwane		172
					Z709	Ntabayezulu		41
2013-2017	Ulundi	Usuthu	Esphiva Phase 1,2&3	7	Z679	Esphiva	R54mil (Phase3 under construction)	106
				7	Z673	Bhokweni 1		16
				7	Z80a	Kwamane 1		118
				7	Z80b	kwamane 2		45
				7	Z672	Bhungwane		104
				7	Z668	Xasane 1		38
				7	Z671	Xasane 2		18
				7	Z670	Nqabeni		45
				7	Z674	Bhokweni 2		172
				7	Z675	Mpangeleni		55
				7	Z676	Thusini		37
				7	Z678	Sofanweni		97
				7	ZMAP93	Qubeni		24
				7	Z669	Nqabeni		39
				7	Z680	Xolo		159
				7	Z666	Amaphiva		164
				7	Z667	Pelepele		29
				8	Z682b	Chibini 1		63
2016-2017	Nongoma	Usuthu	Kwankulu	12,13	ZMAP17	Emgodi 2	R25.5m (Under construction)	64
					Z350	Kwamfemfeni		87
					Z351	Kwankulu		22
					Z353	Hlambanyathi 1		135
					Z372	Ingundwane		26
					Z344	Manhlanhle		48
					Z347	Emgodi 1		108
2016-2017	Ulundi	Usuthu	Godlankomo	3	ZRN4	Godlankomo	R11m (Under Construction)	260
2016-2017	Ulundi	Nkonjeni	Hlopenkulu	20	Z795	Kwa Mvula	R25.5m (Under Construction)	12
				24	ZTAS19	Ezikhumbeni		96
					Z398	Ekatini		58
					Z820	Hlophekhulu		196
					Z813	Enguqe		98
					Z818	Kwanguqe		82
					ZTAS18	Ezimfeneni		66
					ZMAP108	Basamilo 2		60
					ZMAP109	Ezisasameni		32
					Z758a	Ekujulukeni 1		75
					Z758b	Ekujulukeni 2		94
					Z818	Kwanguqe		72

Table 10.3: Roll-out of Rudimentary Water Services

RUDIMENTARY ROLLOUTS								
Rudimentary Implementation Year	Local Municipality	Regional Scheme	Ward 2011	Z-Nr	Settlement Name	Cost Estimate (BH or Spring Protection for average 30 HH per source)	Households	Progress
N/A	Abaqulusi (KZ263)	Khambi	2	ZMC13	Ntabazelaqa		21	To be covered by RWSS
No Success	Abaqulusi (KZ263)	Hlahindilela	15	Z116	Bhobozani		253	1 old BH drilled, but no data
No Success	eDumbe (KZ261)	Hlahindilela	7	ZMAP5	Khambula		89	No success; other sources to be investigated
No Success	Nongoma (KZ265)	Mandhlakazi	1	Z304	Mtengase		56	ZDM145 drilled but unsuccessful, replacement site required. ZDM146 WQ rejected.
No Success	Nongoma (KZ265)	Mandhlakazi	1	Z313	Mngamunde		16	BH rejected, WQ above limit
No Success	Nongoma (KZ265)	Usuthu	12	ZKAY4	Sheleza		54	ZDM528 dry. ZDM553 collapsed
No Success	Nongoma (KZ265)	Usuthu	16	Z757	Part of 494/Bethani		59	KZDM366 low yield - not to be protected. TAS757 not working.
No Success	UPhongo (KZ262)	Mkhuze	1	ZJD2	Esidakeni 3 extension		41	EGN BH 3 and EGN BH 4 dry. JD11 capped.
No Success	Ulundi (KZ266)	Usuthu	15	Z697	Lomo/Mlaza		46	KZDM281 failed WQ. KZDM439 not equipped.
Not feasible	Abaqulusi (KZ263)	Coronation	1	ZMAP67	Mooibank		2	only 2 scattered houses, not feasible
Not feasible	Ulundi (KZ266)	Nkonjeni	13	ZBUK52	Groot Geluk 201		3	Not feasible for 3 HH; should be served under Ensileni
Completed	Abaqulusi (KZ263)	Coronation	6	Z900	Kwamzwezwwe		57	New stand-alone scheme
Completed	Abaqulusi (KZ263)	Coronation	6	ZMAP40	Mandlakayise		157	New stand-alone scheme
Completed	Abaqulusi (KZ263)	Coronation	6	ZPM32	Baqulusini 2		33	New stand-alone scheme
Completed	Abaqulusi (KZ263)	Coronation	6	ZPM33	Baqulusini 3		27	New stand-alone scheme
Completed	Abaqulusi (KZ263)	Hlahindilela	12	ZHR21	Gwebu CPA (A of Brakvlei 331)		25	Scheme augmentation completed
Completed	Abaqulusi (KZ263)	Hlahindilela	17	Z941	Emadwaleni 1		109	Served, Water supply from Nceeni.
Completed	Abaqulusi (KZ263)	Khambi	2	ZMAP62	Ketango		6	Will be covered by RWSS
Completed	Abaqulusi (KZ263)	Khambi	2	ZMAP64	Mooiplaats		34	Will be covered by RWSS
Completed	Abaqulusi (KZ263)	Khambi	4	ZNN21	eMkhweni		31	Will be covered by RWSS
Completed	Abaqulusi (KZ263)	Khambi	4	ZMAP55	Weltevreden 2		24	Will be covered by RWSS
Completed	Abaqulusi (KZ263)	Khambi	5	Z930	Boschoek		67	new stand-alone scheme
Completed	Abaqulusi (KZ263)	Khambi	5	ZHC6	Mgobhozi (Boschoek)		38	Will be covered by RWSS during 2015/16
Completed	eDumbe (KZ261)	Coronation	7	Z787	Mahloni		106	Stand-alone scheme completed
Completed	eDumbe (KZ261)	Coronation	7	ZPM2	Mthingana		39	Stand-alone scheme completed
Completed	eDumbe (KZ261)	Coronation	7	ZPM34	Baqulusini 4		46	New stand-alone scheme completed
Completed	eDumbe (KZ261)	Coronation	7	ZTAS54	Palmietfontein 5841 (Mbambazo)			2 BH's equipped with HP. TAS690 needs to be protected. BH's needs to be equipped for production.
Completed	eDumbe (KZ261)	Sim West	1	ZMAP71	Bella Vista		22	Spring protections
Completed	Nongoma (KZ265)	Mandhlakazi	1	Z291	Gega		48	Handpump installation
Completed	Nongoma (KZ265)	Mandhlakazi	3	Z330	Sovana		80	Covered by Intermediate Stand-alone scheme
Completed	Nongoma (KZ265)	Mandhlakazi	3	Z295	Ezingweni		21	Part of old Kombuzi scheme
Completed	Nongoma (KZ265)	Mandhlakazi	3	Z298	Ezinhlabeni		42	Part of old Kombuzi scheme
Completed	Nongoma (KZ265)	Mandhlakazi	3	Z332	Njonyomane		68	Covered under Sovana Stand-alone scheme
Completed	Nongoma (KZ265)	Mandhlakazi	4	Z211	Khokhwanweni		146	Stand-alone scheme completed
Completed	Nongoma (KZ265)	Usuthu	4	Z167	Emakholweni 3		112	KZDM312 spring equipped. 2 Springs not equipped
Completed	Nongoma (KZ265)	Usuthu	11	Z147	Ngolotshe		275	Handpump installation
Completed	Nongoma (KZ265)	Usuthu	11	Z155a	Ezighumeni 1		22	ZDM004 equipped with Mono T7 HP. BA175 equipped with HP. KZDM170 poor WQ - reject.
Completed	Nongoma (KZ265)	Usuthu	12	Z348	Sigubudu		165	Handpump installation
Completed	Nongoma (KZ265)	Usuthu	16	Z606	Canaan		1 075	To be covered by RWSS in 2016/17
Completed	Ulundi (KZ266)	Nkonjeni	4	Z963	Emandlovini		41	Covered by RWSS
Completed	Ulundi (KZ266)	Nkonjeni	13	ZAM8	Jordaan 656 (Zulu Rock)		35	Stand-alone completed
Completed	Ulundi (KZ266)	Nkonjeni	13	ZAM9c	Tukelana 3		27	Stand-alone completed
Completed	Ulundi (KZ266)	Nkonjeni	13	Z925a	Ogade 1		58	Covered by RWSS
Completed	Ulundi (KZ266)	Nkonjeni	13	ZAM6	Uitkyk Farm		22	Covered by RWSS
Completed	Ulundi (KZ266)	Nkonjeni	13	Z921	Undindi		143	Covered by RWSS
Completed	Ulundi (KZ266)	Nkonjeni	13	Z924	Mission 3		96	Covered by RWSS
Completed	Ulundi (KZ266)	Nkonjeni	13	Z925b	Ogade 2		22	Covered by RWSS
Completed	Ulundi (KZ266)	Nkonjeni	13	ZAM7	Bhukwe		37	Covered by RWSS
Completed	Ulundi (KZ266)	Nkonjeni	13	ZAM9b	Tukelana 2		6	To be served by Regional Scheme

RUDIMENTARY ROLLOUTS								
Rudimentary Implementation Year	Local Municipality	Regional Scheme	Ward 2011	Z-Nr	Settlement Name	Cost Estimate (BH or Spring Protection for average 30 HH per source)	Households	Progress
Completed	Ulundi (KZ266)	Nkonjeni	13	ZMAP95	New		24	BMA140 equipped with MonoT7 HP. BMA140b dry. 20% HH not served
Completed	Ulundi (KZ266)	Nkonjeni	13	ZTAS10	Mandeva		9	BH with no details. KZDM460 equipped with India Mac2 to 92m
Completed	Ulundi (KZ266)	Nkonjeni	16	ZBUK54	Vaalbank 347		3	Covered by RWSS
Completed	Ulundi (KZ266)	Nkonjeni	16	ZMAP83	Nkaletweni		118	Covered by RWSS
Completed	Ulundi (KZ266)	Nkonjeni	16	ZMAP84	Cokolo		48	Covered by RWSS
Completed	Ulundi (KZ266)	Nkonjeni	24	Z758b	Ekujulukeni 2		94	Scheme extension done
Completed	Ulundi (KZ266)	Usuthu	5	Z82	Sikhumbeni		78	KZDM289 and BMA090 equipped - pump unknown. HR265 equipped with HP
Completed	Ulundi (KZ266)	Usuthu	7	Z666	Amaphiva		164	TAS225 pipe stuck - test abandoned. 6 BH's equipped with Mono T7 HP. TAS221 and TAS223 not working. Some HH not served
Completed	Ulundi (KZ266)	Usuthu	7	Z668	Xasane 1		38	Covered by Intermediate Stand-alone scheme
Completed	Ulundi (KZ266)	Usuthu	7	Z671	Xasane 2		18	Covered by Intermediate Stand-alone scheme
Completed	Ulundi (KZ266)	Usuthu	7	Z676	Thusini		37	Covered by Intermediate Stand-alone scheme
Completed	Ulundi (KZ266)	Usuthu	7	Z678	Sofanweni		97	Covered by Intermediate Stand-alone scheme
Completed	Ulundi (KZ266)	Usuthu	7	Z672	Bhungwane		104	Covered by Intermediate Stand-alone scheme
Completed	Ulundi (KZ266)	Usuthu	7	Z679	Espiva		106	Covered by Intermediate Stand-alone scheme
Completed	Ulundi (KZ266)	Usuthu	7	Z669	Nqabeni		39	Covered by Stand-alone scheme
Completed	Ulundi (KZ266)	Usuthu	7	Z670	Nqabeni		45	Covered by Stand-alone scheme
Completed	Ulundi (KZ266)	Usuthu	8	Z684	Mnqakwe		90	Covered by Intermediate Stand-alone scheme
Completed	Ulundi (KZ266)	Usuthu	14	Z703	Okhozaneni		37	Stand-alone scheme completed
Completed	UPhongolo (KZ262)	Coronation	1	ZPM31	Baqulusini 1		20	Stand-alone scheme completed
Completed	UPhongolo (KZ262)	Sim Central	6	Z768	Klipwal		162	Spring protections
Completed	UPhongolo (KZ262)	Sim Central	6	ZBUK63	Dlomodomo 1		109	Spring protections
Completed	UPhongolo (KZ262)	Sim Central	12	Z461	Chicago (Highlands B)		77	Partial covered by RWSS
Completed	Abaqulusi (KZ263)	Coronation	1	ZMC6	Thembalihle (Welverdiend)		32	New BH drilled but unsuccessful. New spring protection completed.
Completed	Abaqulusi (KZ263)	Coronation	1	ZPM14	Emandleni		44	EGN BH NEW3
Completed	Abaqulusi (KZ263)	Coronation	1	ZPM15	Retseb		17	Completed. EGN BH 90 dry. EGN BH92 supply all HH
O & M required	Abaqulusi (KZ263)	Coronation	6	ZPM8	Kwavilakazi 1		34	Existing BH not working
O & M required	Nongoma (KZ265)	Mandhlakazi	2	Z234	Kwankweme		30	B234 BH equipped but not working
O & M required	Nongoma (KZ265)	Mandhlakazi	2	Z236	Esixeni		21	BUK41 equipped with HP. Both BH's not working
O & M required	Nongoma (KZ265)	Mandhlakazi	7	Z955	Manganeni		50	BUK108 equipped, not working
O & M required	Nongoma (KZ265)	Mandhlakazi	8	Z184	Mavulazi		314	KZDM197 equipped with HP. BUK30 equipped - pump unknown (Not working). BUK29 - play pump (Not working).
In progress	Abaqulusi (KZ263)	Coronation	1	ZPM11	Ezakhiweni		26	
In progress	Abaqulusi (KZ263)	Coronation	1	ZPM17	Enhlangweni		73	Drilling completed, testing in progress. Equip 2 handpumps and 1 submersible. 2 BH's to be tested.
In progress	Abaqulusi (KZ263)	Coronation	2	ZBUK60	Kwafakazi		46	2 new Drought Relief BH's to be tested
In progress	Abaqulusi (KZ263)	Coronation	2	ZBUK61	Endinsi		33	Existing handpump. New BH to be tested and equipped
In progress	Abaqulusi (KZ263)	Coronation	3	ZPM6	Mkhuze 2		37	Existing BH to be equipped with submersible and equipped for production. New Drought relief BH to be equipped. 20% of HH not covered.
In progress	Abaqulusi (KZ263)	Coronation	5	ZPM10	Mbilane		134	3 BH's equipped with HP. 1 BH to be equipped with submersible
In progress	Abaqulusi (KZ263)	Coronation	6	Z901	Nkongolwane 1		105	1 BH equipped with HP.

RUDIMENTARY ROLLOUTS								
Rudimentary Implementation Year	Local Municipality	Regional Scheme	Ward 2011	Z-Nr	Settlement Name	Cost Estimate (BH or Spring Protection for average 30 HH per source)	Households	Progress
In progress	Abaqulusi (KZ263)	Coronation	7	ZHC5	Boomlaer		26	EGN BH 170 to be equipped with HP and resampled; EGN BH 218 to be tested. 2 BH's dry.
In progress	Abaqulusi (KZ263)	Coronation	7	ZPM12	Rietvlei		71	5 BH's equipped with HP - 3 BH's to test pump (No progress since 2013) and 2 BH's to be treated in 7 years
In progress	Abaqulusi (KZ263)	Hlahlindlela	15	Z119	Mhlangeni		231	Existing Spring protection with network. Supplementary water supply in progress.
In progress	Abaqulusi (KZ263)	Khambi	5	ZMAP75a	New		28	1 Drought relief BH, not equipped. EGN BH 125 equipped with HP. Another BH to be tested. Some HH not served
In progress	Abaqulusi (KZ263)	Khambi	5	ZMAP75b	Boschoek (Mgobhozi)		38	1 Drought relief BH, not equipped. EGN BH 125 equipped with HP. Another BH to be tested. Some HH not served
In progress	Abaqulusi (KZ263)	Khambi	5	Z929	Mount Gwibi		24	BH equipped - to test pump.
In progress	eDumbe (KZ261)	Coronation	7	Z786	Helpmekaar		97	EGN BH55 to equip for production with submersible. EGN BH56 dry. 2 BH to be equipped with submersible and 1 BH to be equipped with HP. 1 dry BH and 3 unprotected springs
In progress	eDumbe (KZ261)	Coronation	7	ZPM35	Baqulusini 5		18	
In progress	eDumbe (KZ261)	Coronation	7	ZTAS53	Palmietfontein (Rondspring 137, Gezhlala)		9	EGN BH 71 to be equipped for production with submersible.
In progress	eDumbe (KZ261)	Coronation	7	ZTAS55	Palmietfontein (Kwambilimbhaga)		65	EGN BH 58 to be equipped with submersible. EGN BH 54 equipped with HP. ZDM740 equipped pump unknown. TAS691 equipped but runs dry in winter. Some HH not served
In progress	eDumbe (KZ261)	Coronation	7	ZTAS56	Palmietfontein (Rondspring 137, Kwambhedleni)		27	TAS693 Spring is seasonal and needs protection. BH is equipped but not working. Most HH not served
In progress	eDumbe (KZ261)	Hlahlindlela	7	ZMAP4	New		30	Drought relief BH - To be equipped
In progress	eDumbe (KZ261)	Sim West	1	ZNN4	Ekhombela		77	EGN BH 309 (Drought relief project) not equipped. NN55 spring not protected (Drought relief project). NN58 Springs protected (Drought relief project). NN59 Spring not protected. All springs working. 40% HH not served.
In progress	Nongoma (KZ265)	Mandhlakazi	1	Z290	Zidwadweni		86	4 BH's. 1 BH is not working. 2 BH's rejected, poor WQ. 1 BH to be equipped.
In progress	Nongoma (KZ265)	Mandhlakazi	2	ZMAP37	Kati		37	4 BH's, 3 equipped with HP. KZDM61 BH Re-test and Re-sample & analyse for nitrates
In progress	Nongoma (KZ265)	Mandhlakazi	2	Z204	Sibanyaneni		123	B204A equipped, pump unknown, BH not working. BUK111 equipped with HP, BH not working. BH's KZDM461 and KZDM462 to be tested and equipped.
In progress	Nongoma (KZ265)	Mandhlakazi	2	ZBUK11	Vusu Musi		51	KZDM463 BH to be tested and equipped.
In progress	Nongoma (KZ265)	Mandhlakazi	3	ZBUK25	Magendene		17	2 BH's to be drilled and tested. 1 BH capped.
In progress	Nongoma (KZ265)	Mandhlakazi	5	Z247	Mpuphusi		117	ZDM307 BH reject, awaiting WQ results. ZDM308 BH sited, to be drilled and tested. ZDM 309 rejected. ZDM307 BH sited, to be drilled and tested. BA272 sample to be taken. No progress since 2009. KZDM393 no data

RUDIMENTARY ROLLOUTS								
Rudimentary Implementation Year	Local Municipality	Regional Scheme	Ward 2011	Z-Nr	Settlement Name	Cost Estimate (BH or Spring Protection for average 30 HH per source)	Households	Progress
In progress	Nongoma (KZ265)	Mandhlakazi	5	Z239	Banbelentulo		228	BUK210 Equipped, pump unknown. Equip ZDM304 with Afridev to 50m. BUK211 only water source, needs urgent replacement. KZDM465 to be equipped. 20% of HH not served
In progress	Nongoma (KZ265)	Mandhlakazi	5	Z292	Kwajuba		120	BMA088 to be equipped with HP. BUK276, BUK278 and BUK277 equipped. ZDM321 and KZDM100 rejected
In progress	Nongoma (KZ265)	Mandhlakazi	6	Z172	Dengeni		176	4 BH's dry. BA246 to be drilled, tested and equipped with HP. BA248 to be treated with HTH and equipped. BA249 equipped
In progress	Nongoma (KZ265)	Mandhlakazi	6	Z222	Esigodiphola 2		17	Both BH's equipped. KZDM to be treated
In progress	Nongoma (KZ265)	Mandhlakazi	7	Z954	Bhidi		73	BUK113 equipped, not working. KZDM464 to be equipped for production
In progress	Nongoma (KZ265)	Usuthu	9	Z365	Kwa-Denge		299	KAY31 equipped, not working. KZDM388 and KZDM389 to be equipped with HP. 2 BH's not equipped
In progress	Nongoma (KZ265)	Usuthu	9	Z367	Kwasicengile		95	KZDM390 dry - replacement required
In progress	Nongoma (KZ265)	Usuthu	9	Z368	Ebhunge		103	KZDM143 equipped with HP. KZDM394 to be equipped
In progress	Nongoma (KZ265)	Usuthu	9	Z369	Emkhondo		200	KZDM140 not drilled, vandalised and abandoned. 2 BH's to be equipped
In progress	Nongoma (KZ265)	Usuthu	9	Z370	Holinyoka		287	KZDM395 to be equipped for production with HP. KZDM 411 to be equipped with HP. No ID BH needs desktop study, siting and drilling.
In progress	Nongoma (KZ265)	Usuthu	9	Z371	Ndikandika		141	KZDM412 to be equipped with HP
In progress	Nongoma (KZ265)	Usuthu	9	ZMAP28	Mahayoyo		181	KZDM450 to be equipped with Mono T7 to 42m. 2 BH's with poor WQ. RO unit for KZDM404 capable of providing 3000/h using solar system, motorised pump = 110m. RO unit for KZDM413 capable of providing 3000/h using solar system, motorised pump = 100m.
In progress	Nongoma (KZ265)	Usuthu	11	Z152	Masokaneni		111	B152C to be equipped for production - Drill another 30m and set pump inlet at 90m. B152A not working. KZDM256; KZDM257 and KZDM292 to be equipped
In progress	Nongoma (KZ265)	Usuthu	11	ZMAP9	Doncaneni		50	ZDM002 sited and abandoned. B147D equipped with HP. KZDM172 and KZDM174 requires access roads, good site with potential good yield. KZDM183 to be equipped with HP. 2 BH's not working.
In progress	Nongoma (KZ265)	Usuthu	12	Z342	Emayeni		72	KZDM454 dry - replacement site required. ZDM572 dry - not working. ZDM576 not equipped.
In progress	Nongoma (KZ265)	Usuthu	12	ZMAP14	Ndlazini		58	ZDM072 equipped with HP. KZDM455 dry - replacement site required
In progress	Nongoma (KZ265)	Usuthu	13	Z579	Ekubuseni		102	ZDM126 not working. ZDM533 equipped - pumppp unknown; WQ retested.
In progress	Nongoma (KZ265)	Usuthu	13	ZMAP27	Nqumbi		85	ZDM534 equipped - pump unknown; WQ retested. KZDM449 to be drilled. KZDM451 tested - not equipped. TAS407 and ZDM535 not equipped.
In progress	Nongoma (KZ265)	Usuthu	14	Z550	Onyango		128	ZDM085 and ZDM086 needs retesting. ZDM085 and KZDM387 to be equipped for production. 3 BH's not equipped.
In progress	Nongoma (KZ265)	Usuthu	14	Z561	Esigangeni 1 - Rising main & borehole		217	JM215 and JM216 working. JM217 broken for 3 years. 1 BH and 1 spring not equipped.

RUDIMENTARY ROLLOUTS								
Rudimentary Implementation Year	Local Municipality	Regional Scheme	Ward 2011	Z-Nr	Settlement Name	Cost Estimate (BH or Spring Protection for average 30 HH per source)	Households	Progress
In progress	Ulundi (KZ266)	Nkonjeni	13	ZHC3	Witpoort		12	KZDM401 BH equipped. 75% of HH not served
In progress	Ulundi (KZ266)	Nkonjeni	14	Z782	Sqobelo		96	TAS317 and TAS320 equipped with HP. TAS577 capped. BMA185 equipped. KZDM220 equipped for production puposes. TAS319 unchanged
In progress	Ulundi (KZ266)	Nkonjeni	24	ZTAS18	Ezimfeneni		66	2 Springs with low yield. KZDM168 to be equipped with HP. 2 BH's not equipped
In progress	Ulundi (KZ266)	Nkonjeni	24	ZMAP108	Basamilo 2		60	Unknown BH equipped with HP - broken. KZDM400 to be equipped with India Mac 2 to 90m
In progress	Ulundi (KZ266)	Nkonjeni	24	ZMAP109	Ezisasameni		32	KZDM399 to be equipped with India Mac 2 to 80m. BH with no ID
In progress	Ulundi (KZ266)	Usuthu	7	Z667	Pelepele		29	TAS220 rejected - poor WQ. TAS219 equipped with HP - reject due to poor WQ. TAS218 equip for low/medium production puposes. KZDM165 artesian BH.
In progress	Ulundi (KZ266)	Usuthu	7	Z673	Bhokweni 1 - extension		16	KZDM396 dry - replacement site required
In progress	Ulundi (KZ266)	Usuthu	7	Z675	Mpangeleni		55	TAS237 equipped with HP. KZDM225 not to be equipped - poor WQ. KZDM397 to be equipped with India Mac 2
In progress	Ulundi (KZ266)	Usuthu	7	Z680	Xolo		159	KZDM228 to be equipped with HP. KZDM to be equipped with India Mac 2 to 60m. KZDM227 to be equipped for low level production purposes. TAS234 - broken base; pump loose. TAS235 equipped. BMA214 not equipped.
In progress	Ulundi (KZ266)	Usuthu	7	ZMAP93	Qubeni		24	KZDM459 to be tested. BMA215 dry. TAS236 equipped
In progress	Ulundi (KZ266)	Usuthu	8	Z682b	Chibini 1		63	TAS232 not working. ZDM599 equipped - pump unknown. BMA228 equip turbidity and bact only.
In progress	Ulundi (KZ266)	Usuthu	8	Z92	Mwasomhobisa		15	ZDM060 not equipped
In progress	Ulundi (KZ266)	Usuthu	14	Z705	Kwanodwengu		18	HR277 equipped with HP
In progress	Ulundi (KZ266)	Usuthu	14	Z706	Mbanda 2		34	2 BH's not equipped
In progress	UPhongolo (KZ262)	Coronation	1	Z902	Kwabanakile		112	KZDM417 drilled - dry. TAS264 needs protection. 35% HH not served
In progress	UPhongolo (KZ262)	Sim Central	6	Z767	Mfenyane		65	ZDM703 equipped with HP - to test pump and site new BH. 5 unprotected springs. MC144 equipped - 3x5000lt plastic tanks. MC145 not equipped - 2x5000lt tanks. 50% of HH not served
In progress	UPhongolo (KZ262)	Sim Central	6	Z769	Mafindose		49	3 Drought relief project BH's. EGN BH 213 to be equipped with submersible. NN39 is protected. BUK496 is protected - Reservoir has tap.
In progress	UPhongolo (KZ262)	Usuthu	1	ZHC25	Ntshangase Trust (Meriba 619)		83	EGN BH 193 to be equipped with submersible. VM64 not working. Klipwal 7 requiring maintenance
In progress	UPhongolo (KZ262)	Usuthu	1	ZMAP32	KwaMqanga		38	ZDM208 dry. Drought relief project EGN BH 319 to be equipped. 80% HH not served.
In progress	UPhongolo (KZ262)	Usuthu	1	ZMAP33	Mpalaza (Ntshangase Trust)		24	Drought relief BH - To be equipped. 20% HH not served
In progress	UPhongolo (KZ262)	Usuthu	1	ZMAP33	Mpalaza (Ntshangase Trust)		24	HC446 dry. EGN BH 204 to be equipped with submersible. 20% HH not served

RUDIMENTARY ROLLOUTS								
Rudimentary Implementation Year	Local Municipality	Regional Scheme	Ward 2011	Z-Nr	Settlement Name	Cost Estimate (BH or Spring Protection for average 30 HH per source)	Households	Progress
In progress	Nongoma (KZ265)	Usuthu	11	Z151	Mhlabaneni		51	KZDM213 equipped with HP to 60m. KZDM214 to be equipped with HP to 60m
In progress	Nongoma (KZ265)	Mandhlakazi	20	Z226	Ekubungazeleni		201	BUK207 equipped - pump unknown; needs chem test. KZDM434 to be equipped.
In progress	Nongoma (KZ265)	Mandhlakazi	20	Z227	Manqushaneni		108	KZDM83 water level too deep - reject. KZDM468 waiting for contractor to be appointed. 3 BH's not working.
In progress	Nongoma (KZ265)	Usuthu	4	Z215b	Zwelisha (Mfankomo)		169	ZDM579 to be equipped with HP. 2 Spings not equipped - verify and protect; if no water: Desktop, site and drill.
In progress	Nongoma (KZ265)	Usuthu	4	ZMAP25	Mahlezane		17	KZDM179 monitor water quality - alternative source for production purposes required
In progress	Nongoma (KZ265)	Usuthu	9	Z592	Sikhleni		109	KZDM13 to be equipped. KZDM15 not drilled.
In progress	Nongoma (KZ265)	Usuthu	10	ZBUK56	Mcwabeyana		53	ZDM512 Poor WQ - Reject. ZDM 577 - drill, pump, test WQ.
In progress	Nongoma (KZ265)	Usuthu	13	Z360	Engwelezane		33	KZDM210 spring protected. KAY2 protection being installed. KAY1 spring far from village and weak.
In progress	Nongoma (KZ265)	Usuthu	17	Z640	Bhethani		179	KZDM04 equipped with HP. KZDM05 to be equipped for production purposes. 2 Springs not equipped.
In progress	Ulundi (KZ266)	Nkonjeni	14	ZMAP91	Themalihle		23	KZDM146 to be treated and equipped with HP. KZDM200 RO recommended - National drilling. KZDM201 not drilled.
In progress	Ulundi (KZ266)	Usuthu	5	Z47	Ezimfabeni		138	KZDM62 dry. KZDM562b not to be drilled - further investigation required. 2 BH's equipped with HP
In progress	Ulundi (KZ266)	Nkonjeni	14	Z407	Ezinyoshini		117	TAS25 equipped with diesel pump. KZDM419 to be equipped with India Mac 2 to 60m. KZDM420 to be equipped for production purposes with India Mac 2 to 60m. TAS578 dry in winter.
In progress	Ulundi (KZ266)	Nkonjeni	14	Z408	Nyoni		79	KZDM421 to be equipped with India Mac 2 to 90m. 2 BH's to be equipped for low and medium production purposes. ZDM536 to be equipped for production purposes. TAS315 equipped. ZDM536 not equipped.
In progress	Ulundi (KZ266)	Nkonjeni	14	Z410	Ganwini		92	KZDM219 Nitrates too high - reject. KZDM456 dry - replacement site required. KZDM436 and KZDM437 to be equipped with India Mac 2 to 80m. TAS298 pump needs servicing.
In progress	Ulundi (KZ266)	Nkonjeni	14	Z412	Zilulwane		43	KZDM199 to be equipped with HP
In progress	Ulundi (KZ266)	Nkonjeni	15	Z709	Ntabayezulu		41	KZDM273 dry. KZDM275 and KZDM274 to be equipped for production purposes. ZDM535 retest and re-equip
In progress	Ulundi (KZ266)	Nkonjeni	20	Z813	Enguqe		98	KZDM260 dry. MD20 dries up in winter. ZDM226 site for playpump?
In progress	Ulundi (KZ266)	Nkonjeni	21	ZMAP106	Jems		13	KZDM79 motorised pump, possible collapse - contractor to use other means to drill
In progress	Ulundi (KZ266)	Usuthu	2	Z10	Brush/Nsukangihlale		314	KZDM01 and KZDM03 equipped - pump unknown. KZDM362 protection recommended. KZDM 150 alternative source required. KZDM263 can be protected as alternative source. RN25 impossible to protect. RN20 and RN23 needs protection.

RUDIMENTARY ROLLOUTS								
Rudimentary Implementation Year	Local Municipality	Regional Scheme	Ward 2011	Z-Nr	Settlement Name	Cost Estimate (BH or Spring Protection for average 30 HH per source)	Households	Progress
In progress	Ulundi (KZ266)	Usuthu	2	Z9	Mgxotshwa		11	KZDM360 to be protected. RN37 needs protection - not equipped
In progress	Ulundi (KZ266)	Usuthu	3	ZRN4	Godlankomo		260	KZDM248 to be protected and equipped for production purposes. RN173 spring not equipped. RN175 equipped.
In progress	Ulundi (KZ266)	Usuthu	4	Z442	Ngubaneni		97	KZDM160 to be equipped with HP and treated. KZDM64 spring to be protected.
In progress	Ulundi (KZ266)	Usuthu	4	ZMAP113	Mhlophe		31	KZDM236 to be equipped with HP. RN91 and KZDM212 to be protected.
In progress	Ulundi (KZ266)	Usuthu	5	Z28	Ezembeni		77	RN96 to be protected. RN6 equipped with HP - to be fenced off. KZDM238 to be equipped
In progress	Ulundi (KZ266)	Usuthu	15	Z686	Khulwane		172	BMA119 and BMA127 equipped - poor WQ, reject. TAS206 equipped with HP. KZDM398 to be equipped with India Mac 2. TAS208 capped.
In progress	Ulundi (KZ266)	Usuthu	15	Z708	Lomo/Mhlwanini		31	KZDM276 failed WQ. KZDM277 to be equipped with HP. KZDM278 to be equipped.
2016/17	Nongoma (KZ265)	Mandhlakazi	3	Z317	Hlushwaneni	900 000	89	BH equipped with Mono T7 HP. 40% HH not served
2016/17	Nongoma (KZ265)	Mandhlakazi	3	Z333	Esqelwini	300 000	5	No BH
2016/17	Nongoma (KZ265)	Usuthu	9	Z600	Ziphethe	900 000	83	
2016/17	Nongoma (KZ265)	Usuthu	9	Z601	Delene (KwaMinya)	2 100 000	194	
2016/17	Nongoma (KZ265)	Usuthu	10	ZBUK57	Hobiyana	600 000	41	
2016/17	Nongoma (KZ265)	Usuthu	10	ZNN26	Engongoma	300 000	26	
2016/17	Nongoma (KZ265)	Usuthu	11	Z155b	Ezikhumeni 2	300 000	21	
2016/17	Nongoma (KZ265)	Usuthu	11	Z156	Entwala	1 200 000	99	
2016/17	Nongoma (KZ265)	Usuthu	11	Z157	Nqala	900 000	67	
2016/17	Nongoma (KZ265)	Usuthu	11	Z572	Ezomboda	300 000	27	
2016/17	Nongoma (KZ265)	Usuthu	11	ZBA1	Kwavumela	900 000	62	
2016/17	Nongoma (KZ265)	Usuthu	11	ZNN23	Emhemeni	600 000	49	
2016/17	Ulundi (KZ266)	Nkonjeni	13	Z927	Kwabombo	300 000	3	No BH's
2016/17	Ulundi (KZ266)	Nkonjeni	13	ZAM9a	Tukelana 1	300 000	12	Spring dammed up - 2 HH's are using spring; not equipped.
2016/17	Ulundi (KZ266)	Nkonjeni	13	ZAM5	Ensileni	300 000	10	No BH's
2016/17	Ulundi (KZ266)	Nkonjeni	15	Z707	Ntabankulu	300 000	27	No BH's
2016/17	Ulundi (KZ266)	Nkonjeni	24	Z818	Kwanguqe	900 000	82	
2016/17	Ulundi (KZ266)	Nkonjeni	24	ZTAS19	Ezikhumbeni	1 200 000	96	
2016/17	Ulundi (KZ266)	Usuthu	5	Z43	Kwasaku	300 000	29	
2016/17	Ulundi (KZ266)	Usuthu	5	Z44	Kwadayeni	600 000	45	
2016/17	Ulundi (KZ266)	Usuthu	5	Z45	Odizima	600 000	46	
>2017	Nongoma (KZ265)	Mandhlakazi	7	Z179	Gwebu 3	1 200 000	117	
>2017	Nongoma (KZ265)	Mandhlakazi	7	Z181	Sinkonkonko	900 000	77	
>2017	Nongoma (KZ265)	Mandhlakazi	7	ZBUK23	Mgolokotho	300 000	21	
>2017	Nongoma (KZ265)	Mandhlakazi	8	ZBUK39	Esikhalelisowuwa	900 000	66	
>2017	Nongoma (KZ265)	Mandhlakazi	18	Z240	Maduma	1 200 000	97	
>2017	Nongoma (KZ265)	Mandhlakazi	18	Z243	Zibusele	1 500 000	125	
>2017	Nongoma (KZ265)	Mandhlakazi	18	ZBUK24	Meyame	300 000	17	
>2017	Nongoma (KZ265)	Mandhlakazi	20	Z225	Mkabane	900 000	68	
>2017	Nongoma (KZ265)	Usuthu	4	Z362	Emaqeleni	600 000	31	
>2017	Nongoma (KZ265)	Usuthu	10	Z160	Nsawulani	1 800 000	164	
>2017	Nongoma (KZ265)	Usuthu	10	Z163	Emakholweni 2	1 500 000	149	
>2017	Nongoma (KZ265)	Usuthu	10	Z168	Magutshwa	1 200 000	102	
>2017	Nongoma (KZ265)	Usuthu	10	Z575	Kwahelibheshu	300 000	17	
>2017	Nongoma (KZ265)	Usuthu	10	ZMAP18	Nokheleni	300 000	21	
>2017	Nongoma (KZ265)	Usuthu	12	Z338	Esigoqobeni	600 000	51	
>2017	Nongoma (KZ265)	Usuthu	12	Z339	Ngwabe	900 000	71	
>2017	Nongoma (KZ265)	Usuthu	12	Z340	Esidakeni 1	600 000	50	
>2017	Nongoma (KZ265)	Usuthu	12	Z341	Isizinda B	1 200 000	114	
>2017	Nongoma (KZ265)	Usuthu	12	Z344	Manhlanhle	600 000	48	
>2017	Nongoma (KZ265)	Usuthu	12	Z346	Kwa-Ouqu	300 000	9	
>2017	Nongoma (KZ265)	Usuthu	12	Z347	Emgodi 1	1 200 000	108	
>2017	Nongoma (KZ265)	Usuthu	12	Z349	Isizinda A	300 000	15	

RUDIMENTARY ROLLOUTS								
Rudimentary Implementation Year	Local Municipality	Regional Scheme	Ward 2011	Z-Nr	Settlement Name	Cost Estimate (BH or Spring Protection for average 30 HH per source)	Households	Progress
>2017	Nongoma (KZ265)	Usuthu	12	Z373	Nhloyane	300 000	12	
>2017	Nongoma (KZ265)	Usuthu	12	Z374	Ngalonde	900 000	83	
>2017	Nongoma (KZ265)	Usuthu	12	ZAM11	Nzama	900 000	77	
>2017	Nongoma (KZ265)	Usuthu	12	ZAM12	Ezingolani	600 000	32	
>2017	Nongoma (KZ265)	Usuthu	12	ZMAP12	Nqobuzulu	600 000	49	
>2017	Nongoma (KZ265)	Usuthu	12	ZMAP13	Nqalu	600 000	32	
>2017	Nongoma (KZ265)	Usuthu	12	ZMAP15	Dum-Dum	600 000	32	
>2017	Nongoma (KZ265)	Usuthu	12	ZMAP16	KwaLuphonjwana	1 200 000	113	
>2017	Nongoma (KZ265)	Usuthu	13	Z353	Hlabanyathi 1	1 500 000	135	
>2017	Nongoma (KZ265)	Usuthu	13	Z359	Embokodweni	900 000	66	
>2017	Nongoma (KZ265)	Usuthu	13	Z372	Ingundwane	300 000	26	
>2017	Nongoma (KZ265)	Usuthu	13	ZMAP17	Emgodi 2	900 000	64	
>2017	Nongoma (KZ265)	Usuthu	14	Z551	Dayeni	1 500 000	137	
>2017	Nongoma (KZ265)	Usuthu	14	Z560	Khalweni	600 000	36	
>2017	Nongoma (KZ265)	Usuthu	14	Z564	Emahlombe	1 200 000	109	
>2017	Nongoma (KZ265)	Usuthu	16	Z626	Manzimkhulu	600 000	39	
>2017	Nongoma (KZ265)	Usuthu	16	Z628	Duma 2	600 000	43	
>2017	Nongoma (KZ265)	Usuthu	16	Z632	Nqokotho	1 800 000	156	
>2017	Nongoma (KZ265)	Usuthu	16	Z638	Emancwangen	600 000	32	
>2017	Nongoma (KZ265)	Usuthu	16	Z639	Emoyeni	1 500 000	145	
>2017	Nongoma (KZ265)	Usuthu	16	Z652	Mshanelo 2	600 000	41	
>2017	Nongoma (KZ265)	Usuthu	16	ZTAS20	Holoba	600 000	36	
>2017	Nongoma (KZ265)	Usuthu	17	Z644	Kwanomehle	1 500 000	145	
>2017	Nongoma (KZ265)	Usuthu	17	Z646	Kwadiounga	300 000	22	
>2017	Nongoma (KZ265)	Usuthu	17	Z647	Makhulu	900 000	84	
>2017	Nongoma (KZ265)	Usuthu	17	Z648	Ngasela	300 000	26	
>2017	Nongoma (KZ265)	Usuthu	17	ZKAY1	Esiweni	300 000	21	
>2017	Nongoma (KZ265)	Usuthu	17	ZKAY7	Mpalaza	300 000	29	
>2017	Nongoma (KZ265)	Usuthu	18	Z650	Esiqokolweni	1 800 000	174	
>2017	Nongoma (KZ265)	Usuthu	18	Z654	Mshanelo 1	2 400 000	220	
>2017	Nongoma (KZ265)	Usuthu	18	ZKAY6	Magedlana B	600 000	40	
>2017	Nongoma (KZ265)	Usuthu	20	Z604	Sgodiphola	1 200 000	105	
>2017	Nongoma (KZ265)	Usuthu	21	Z610	Emahashini	2 700 000	260	
>2017	Nongoma (KZ265)	Usuthu	21	Z614	Mayini	1 800 000	174	
>2017	Nongoma (KZ265)	Usuthu	21	Z615	Hlabathini 2	900 000	83	
>2017	Nongoma (KZ265)	Usuthu	21	Z617	Sevuna	600 000	37	
>2017	Nongoma (KZ265)	Usuthu	21	Z643	Mgijiji	900 000	85	
>2017	Ulundi (KZ266)	Nkonjeni	15	ZMAP92	Nsingizane 2	300 000	10	
>2017	Ulundi (KZ266)	Nkonjeni	17	Z482	Nkaphani	900 000	83	
>2017	Ulundi (KZ266)	Nkonjeni	21	ZMAP102	Mshiqo	300 000	28	
>2017	Ulundi (KZ266)	Usuthu	2	Z13	Nkomombili	1 200 000	116	
>2017	Ulundi (KZ266)	Usuthu	2	Z15	Phethu	600 000	53	
>2017	Ulundi (KZ266)	Usuthu	2	Z16	Mndaweni	900 000	63	
>2017	Ulundi (KZ266)	Usuthu	2	Z24	Edlakude	900 000	69	
>2017	Ulundi (KZ266)	Usuthu	2	ZMAP114	Sikhalampama	600 000	58	
>2017	Ulundi (KZ266)	Usuthu	3	Z441	Mkhulwana	900 000	75	
>2017	Ulundi (KZ266)	Usuthu	3	Z443	Nomdiwa	900 000	81	
>2017	Ulundi (KZ266)	Usuthu	5	Z27	Nende	300 000	13	
>2017	Ulundi (KZ266)	Usuthu	5	Z29	Egumeni	1 200 000	96	
>2017	Ulundi (KZ266)	Usuthu	5	Z83	Kwameke	900 000	64	
>2017	Ulundi (KZ266)	Usuthu	5	ZMAP111	Hluthy	300 000	14	
>2017	Ulundi (KZ266)	Usuthu	5	ZMAP112	Okhwathe	300 000	5	
>2017	Ulundi (KZ266)	Usuthu	7	Z80b	kwamane 2	600 000	45	
>2017	Ulundi (KZ266)	Usuthu	15	Z687	Thembalihle	600 000	48	
>2017	Ulundi (KZ266)	Usuthu	15	Z688	Mvalo	1 800 000	154	
>2017	Ulundi (KZ266)	Usuthu	15	Z689	Obinda	300 000	29	
>2017	Ulundi (KZ266)	Usuthu	15	Z696	Lomo/Mahlaba	300 000	27	
>2017	Ulundi (KZ266)	Usuthu	15	Z698	Pholela	900 000	77	
>2017	Ulundi (KZ266)	Usuthu	15	ZMAP110	Mgubameni	300 000	17	

Table 10.4: Roll-out of New Rural Sanitation Services

NEW RURAL SANITATION ROLLOUTS

Local Municipality	New Sanitation Implementation Year	Regional Scheme	Ward 2011	Z-Nr	Settlement Name	Households Remaining	Cost (Sanitation)
Abaqulusi (KZ263)	Completed	Hlahlindlela	17	Z118	Phembukthula	398	
Abaqulusi (KZ263)	Completed	Hlahlindlela	15,21	Z137	Ezidulini	500	
Abaqulusi (KZ263)	In Progress	Hlahlindlela	20	Z141	Ezingadini	99	975 843
Abaqulusi (KZ263)	In Progress	Hlahlindlela	21	Z136	Nhloshana	50	492 850
Abaqulusi (KZ263)	In Progress	Hlahlindlela	21	Z135	Khuthuza	92	906 844
Abaqulusi (KZ263)	2016/17	Hlahlindlela	17	Z114	Mawombe	30	295 710
Abaqulusi (KZ263)	2016/17	Hlahlindlela	17	Z138	Madresi D2	307	3 026 099
Abaqulusi (KZ263)	2016/17	Hlahlindlela	17	Z113	Mvuzini	386	3 804 802
Abaqulusi (KZ263)	>2017	Coronation	6	Z901	Nkongolwane 1	105	1 034 985
Abaqulusi (KZ263)	>2017	Coronation	7	ZPM12	Rietvlei	71	699 847
Abaqulusi (KZ263)	>2017	Hlahlindlela	17	Z115	Kwamachanca	359	3 538 663
Abaqulusi (KZ263)	>2017	Hlahlindlela	17	Z117	Nceceni	507	4 997 499
Abaqulusi (KZ263)	>2017	Hlahlindlela	21	Z145	Enhlahleni	77	758 989
Abaqulusi (KZ263)	>2017	Coronation	5,6	ZPM10	Mbilane	134	1 320 838
Abaqulusi (KZ263)	>2017	Coronation	6	ZPM8	Kwavilakazi 1	34	335 138
Abaqulusi (KZ263)	>2017	Coronation	6	Z899	Kwamciyo	79	778 703
Abaqulusi (KZ263)	>2017	Khambi	6	Z894	Kwandeni (East Mine)	238	2 345 966
Abaqulusi (KZ263)	>2017	Hlahlindlela	15	Z119	Mhlangeni	231	2 276 967
Abaqulusi (KZ263)	>2017	Hlahlindlela	17	Z941	Emadwaleni 1	109	1 074 413
Abaqulusi (KZ263)	>2017	Khambi	6	Z892	Kwakwavlei (Kwabhokhi)	300	2 957 100
Abaqulusi (KZ263)	>2017	Hlahlindlela	22	Z895	Mooiplaas	145	1 429 265

NEW RURAL SANITATION ROLLOUTS

Local Municipality	Sanitation Implementation Year	Regional Scheme	Ward 2011	Z-Nr	Settlement Name	Households	Cost (Sanitation)
Nongoma (KZ265)	Complete	Mandhlakazi	1	Z26	Ezulwini	27	
Nongoma (KZ265)	Complete	Mandhlakazi	1	Z261	Ngoyi	35	
Nongoma (KZ265)	Complete	Mandhlakazi	1	Z262	Zimbala	31	
Nongoma (KZ265)	Complete	Mandhlakazi	1	ZBUK30	Mevamhlophe	7	
Nongoma (KZ265)	Complete	Mandhlakazi	1	ZBUK35	Mhwanqa	22	
Nongoma (KZ265)	Complete	Mandhlakazi	2	Z252	Odwaleni	44	
Nongoma (KZ265)	Complete	Mandhlakazi	2	Z253	Sithangamini	25	
Nongoma (KZ265)	Complete	Mandhlakazi	2	Z254	Ebthuleni	61	
Nongoma (KZ265)	Complete	Mandhlakazi	2	Z255	Mfimfinyone	47	
Nongoma (KZ265)	Complete	Mandhlakazi	2	Z257	Mphelankani	13	
Nongoma (KZ265)	Complete	Mandhlakazi	2	Z258	Thongathi	66	
Nongoma (KZ265)	Complete	Mandhlakazi	2	Z260	Eqhikizeni	22	
Nongoma (KZ265)	Complete	Mandhlakazi	2	ZBUK38	Zangoya	4	
Nongoma (KZ265)	Complete	Mandhlakazi	2	ZMAP19	Nkwalini	16	
Nongoma (KZ265)	Complete	Mandhlakazi	4	Z211	Khokhwanweni	113	
Nongoma (KZ265)	Complete	Mandhlakazi	4	Z219	Esiphambeneni	108	
Nongoma (KZ265)	Complete	Mandhlakazi	4	Z220	Pumanyova (rebuilt)	68	
Nongoma (KZ265)	Complete	Mandhlakazi	4	Z220	Pumanyova (New)	10	
Nongoma (KZ265)	Complete	Mandhlakazi	4		Mona	196	
Nongoma (KZ265)	Complete	Usuthu	4	Z215b	Zwelisha (Mfankomo)	58	
Nongoma (KZ265)	Complete	Usuthu	4	Z826	Emanqomfini	58	
Nongoma (KZ265)	Complete	Usuthu	4	ZMAP25	Mahlezane	14	
Nongoma (KZ265)	Complete	Usuthu	4	Z218	Henenende (Mbonjeni)	115	
Nongoma (KZ265)	Complete	Usuthu	4	Z223	Ebukhalini	56	
Nongoma (KZ265)	Complete	Usuthu	4	Z224	Qathaqatheni	88	
Nongoma (KZ265)	Complete	Usuthu	4	Z777	Henenende	104	
Nongoma (KZ265)	Complete	Usuthu	4	Z823	Thusani	33	
Nongoma (KZ265)	Complete	Mandhlakazi	7	Z206	Nkungwini	85	
Nongoma (KZ265)	Complete	Mandhlakazi	7	Z953	Makhcaneni	105	
Nongoma (KZ265)	Complete	Mandhlakazi	7	Z198	Dongothule	198	
Nongoma (KZ265)	Complete	Mandhlakazi	7	Z178	Gwebu 2	121	
Nongoma (KZ265)	Complete	Mandhlakazi	7	Z179	Gwebu 3	133	
Nongoma (KZ265)	Complete	Mandhlakazi	7	Z180	Wela 2	137	
Nongoma (KZ265)	Complete	Mandhlakazi	7	Z181	Sinkonkonko	100	
Nongoma (KZ265)	Complete	Mandhlakazi	7	Z182	Gwebu 4	109	
Nongoma (KZ265)	Complete	Mandhlakazi	7	Z183	Mphola	61	
Nongoma (KZ265)	Complete	Mandhlakazi	7	ZBUK20	Qwasimane	36	
Nongoma (KZ265)	Complete	Mandhlakazi	7	Z824	Vukani	88	
Nongoma (KZ265)	Complete	Mandhlakazi	7	Z199	Manqomfini	135	
Nongoma (KZ265)	Complete	Mandhlakazi	7	Z197	Mpuqwini	183	
Nongoma (KZ265)	Complete	Mandhlakazi	8	Z196	Bhekumthetho 2 (New)	73	
Nongoma (KZ265)	Complete	Mandhlakazi	8	Z196	Bhekumthetho (Rebuilt)	153	
Nongoma (KZ265)	Complete	Mandhlakazi	8	Z207	Nkonjeni	89	
Nongoma (KZ265)	Complete	Mandhlakazi	8	Z207	Nkonjeni (Rebuilt)	64	
Nongoma (KZ265)	Complete	Mandhlakazi	8	Z185	Hawini	90	
Nongoma (KZ265)	Complete	Usuthu	9	Z364	Gomabagagu	33	
Nongoma (KZ265)	Complete	Usuthu	9	Z365	Kwa-Denge	236	
Nongoma (KZ265)	Complete	Usuthu	9	Z366	Ezinhlabeni	38	
Nongoma (KZ265)	Complete	Usuthu	9	Z367	Kwasicengile	49	
Nongoma (KZ265)	Complete	Usuthu	9	Z368	Ebhunge	23	
Nongoma (KZ265)	Complete	Usuthu	9	Z369	Emkhondo	91	
Nongoma (KZ265)	Complete	Usuthu	9	Z370	Holinyoka	136	
Nongoma (KZ265)	Complete	Usuthu	9	Z371	Ndikandika	119	
Nongoma (KZ265)	Complete	Usuthu	9	ZMAP28	Mahayoyo	117	
Nongoma (KZ265)	Complete	Usuthu	9	Z601	Delene (KwaMinya)	193	
Nongoma (KZ265)	Complete	Usuthu	13	Z363	Ezimpisini (Entuthukweni)	55	
Nongoma (KZ265)	Complete	Usuthu	13	ZMAP23	Egeleni	26	
Nongoma (KZ265)	Complete	Usuthu	13	ZMAP27	Nqumbi	80	
Nongoma (KZ265)	Complete	Usuthu	13	Z579	Ekubuseni	89	
Nongoma (KZ265)	Complete	Usuthu	14	Z561	Esigangeni 1	195	
Nongoma (KZ265)	Complete	Usuthu	14	Z563	Kwandase	51	
Nongoma (KZ265)	Complete	Usuthu	14	Z564	Emahlombe	102	
Nongoma (KZ265)	Complete	Usuthu	14	Z578	Ivuna	214	
Nongoma (KZ265)	Complete	Usuthu	15	ZMAP35	Usuthu	59	
Nongoma (KZ265)	Complete	Usuthu	15	Z556	Kohloloko	100	
Nongoma (KZ265)	Complete	Usuthu	15	ZMAP30	Kwa Ntanzi	76	

NEW RURAL SANITATION ROLLOUTS

Local Municipality	Sanitation Implementation Year	Regional Scheme	Ward 2011	Z-Nr	Settlement Name	Households	Cost (Sanitation)
Nongoma (KZ265)	Complete	Usuthu	16	Z626	Manzimkhulu	50	
Nongoma (KZ265)	Complete	Usuthu	16	Z628	Duma 2	46	
Nongoma (KZ265)	Complete	Usuthu	16	Z652	Mshanelo 2	47	
Nongoma (KZ265)	Complete	Usuthu	16	Z632	Nqokotho	74	
Nongoma (KZ265)	Complete	Usuthu	16	Z633	Nkanisweni	108	
Nongoma (KZ265)	Complete	Usuthu	16	Z635	Mthwathube	52	
Nongoma (KZ265)	Complete	Usuthu	16		Mbatheni	68	
Nongoma (KZ265)	Complete	Usuthu	16	Z40	Esibomvu	18	
Nongoma (KZ265)	Complete	Usuthu	16	Z605	Kwasabela	186	
Nongoma (KZ265)	Complete	Usuthu	17	ZKAY1	Esiweni	22	
Nongoma (KZ265)	Complete	Usuthu	17	ZKAY7	Mpalaza	33	
Nongoma (KZ265)	Complete	Usuthu	17	ZMAP34	Phoqukhalo	16	
Nongoma (KZ265)	Complete	Usuthu	17	Z640	Bhethani	179	
Nongoma (KZ265)	Complete	Mandhlakazi	18	Z240	Maduma	70	
Nongoma (KZ265)	Complete	Mandhlakazi	18	Z243	Zibusele	103	
Nongoma (KZ265)	Complete	Mandhlakazi	18	ZBUK24	Meyame	29	
Nongoma (KZ265)	Complete	Usuthu	18	Z654	Mshanelo 1	161	
Nongoma (KZ265)	Complete	Usuthu	18	Z653	Mfanele	33	
Nongoma (KZ265)	Complete	Usuthu	18	ZKAY6	Magedlana B	40	
Nongoma (KZ265)	Complete	Usuthu	20	Z603	Emvomveni	120	
Nongoma (KZ265)	Complete	Usuthu	20	Z604	Sgodiphola	129	
Nongoma (KZ265)	Complete	Usuthu	20	Z602	Sigangeni	96	
Nongoma (KZ265)	Complete	Usuthu	20	Z630	Vilane	219	
Nongoma (KZ265)	Completed (Done by Land Affairs)	Mandhlakazi	2	Z204	Sibanyaneni		
Nongoma (KZ265)	Completed (Done by Land Affairs)	Mandhlakazi	7	ZBUK23	Mgolokotho		
Nongoma (KZ265)	Completed (Done by Land Affairs)	Mandhlakazi	7	Z955	Manganeni		
Nongoma (KZ265)	Completed (Done by Land Affairs)	Mandhlakazi	7	Z954	Bhidi		
Nongoma (KZ265)	Completed (Done by other funder)	Usuthu	4	Z216	Ethokoza		
Nongoma (KZ265)	Completed (Done by other funder)	Usuthu	4	Z217	Kwadlabe		
Nongoma (KZ265)	Completed (Done by other funder)	Usuthu	20	ZMAP24	Tshonono		
Nongoma (KZ265)	Complete	Mandhlakazi	7	Z956	Egudu / Nzondwane	85	
Nongoma (KZ265)	Complete	Mandhlakazi	7	Z183	Mphola	152	
Nongoma (KZ265)	Complete	Usuthu	16	Z646	Kwalounga	18	
Nongoma (KZ265)	Complete	Usuthu	16	Z647	Makhulu	70	
Nongoma (KZ265)	Complete	Usuthu	16	Z648	Ngasela	26	
Nongoma (KZ265)	Complete	Usuthu	17	Z658	Mbengo	68	
Nongoma (KZ265)	Complete	Usuthu	17	Z659	Thokazi	119	
Nongoma (KZ265)	Complete	Usuthu	17	Z660	Qhoqhoza	143	
Nongoma (KZ265)	Complete	Usuthu	18	Z650	Esiqokolweni	173	
Nongoma (KZ265)	Complete	Usuthu	16	Z607	Mangomhlophe	229	
Nongoma (KZ265)	Complete	Usuthu	16	Z620	Sefamona	37	
Nongoma (KZ265)	Complete	Usuthu	16	Z621	Mgogodi	38	
Nongoma (KZ265)	Complete	Usuthu	21	ZMAP36	Qanda 3	51	
Nongoma (KZ265)	Complete	Usuthu	21	Z618	Ntambakasi	27	
Nongoma (KZ265)	Complete	Usuthu	21	Z619	Zetheni Mtuzuna (Sezetheni)	24	
Nongoma (KZ265)	Complete	Usuthu	21	Z597	Semangadini	95	
Nongoma (KZ265)	Complete	Usuthu	21	Z598	Mpunzana	173	
Nongoma (KZ265)	Complete	Usuthu	21	Z609	Eningeni	25	
Nongoma (KZ265)	Complete	Usuthu	21	Z610	Emahashini	260	
Nongoma (KZ265)	Complete	Usuthu	21	Z617	Sevuna	37	
Nongoma (KZ265)	Complete	Mandhlakazi	2	Z230	Nganqgayiphi	55	
Nongoma (KZ265)	Complete	Mandhlakazi	2	ZBUK11	Vuzi Musi	5	
Nongoma (KZ265)	Complete	Mandhlakazi	2	Z235	Maswazini	56	
Nongoma (KZ265)	Complete	Mandhlakazi	2	Z237	Cisho	25	
Nongoma (KZ265)	Complete	Mandhlakazi	2	ZMAP38	Ntenjane	31	
Nongoma (KZ265)	Complete	Mandhlakazi	2	Z228	Isibonela	110	
Nongoma (KZ265)	Complete	Mandhlakazi	2	Z229	Msebe	85	
Nongoma (KZ265)	Complete	Mandhlakazi	2	Z238	Zikaniphela	62	
Nongoma (KZ265)	Complete	Mandhlakazi	2	ZBUK21	Enkanyezini	41	
Nongoma (KZ265)	Complete	Mandhlakazi	2	ZMAP39	Dungamanzi 1	61	

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Nongoma (KZ265)	2016/17	Mandhlakazi	2	Z234	Kwankweme	30	295 710
Nongoma (KZ265)	2016/17	Mandhlakazi	2	Z236	Esixeni	37	364 709
Nongoma (KZ265)	2016/17	Mandhlakazi	2	ZMAP37	Kati	37	364 709
Nongoma (KZ265)	2016/17	Mandhlakazi	2	Z251	Ovukneni	116	1 143 412
Nongoma (KZ265)	2016/17	Mandhlakazi	3	Z320	Kwagongolozane	75	739 275
Nongoma (KZ265)	2016/17	Mandhlakazi	3	Z323	Okhalweni 2	48	473 136
Nongoma (KZ265)	2016/17	Mandhlakazi	3	Z327	Macijo	52	512 564
Nongoma (KZ265)	2016/17	Mandhlakazi	3	Z328	Kolubomvu 2	51	502 707
Nongoma (KZ265)	2016/17	Mandhlakazi	3	Z333	Esqelwini	5	49 285
Nongoma (KZ265)	2016/17	Mandhlakazi	3	Z334	Esikuthwaneni	69	680 133
Nongoma (KZ265)	2016/17	Mandhlakazi	3	ZMAP22	Mkhuze 1	2	19 714
Nongoma (KZ265)	2016/17	Mandhlakazi	3	Z329	Vesonweni	36	354 852
Nongoma (KZ265)	2016/17	Mandhlakazi	3	Z330	Sovana	80	788 560
Nongoma (KZ265)	2016/17	Mandhlakazi	3	Z331	Machibini	95	936 415
Nongoma (KZ265)	2016/17	Mandhlakazi	3	Z332	Njonyomane	68	670 276
Nongoma (KZ265)	2016/17	Mandhlakazi	3	Z336	Mapambeni	111	1 094 127
Nongoma (KZ265)	2016/17	Mandhlakazi	3	Z337	Diakuse	45	443 565
Nongoma (KZ265)	2016/17	Mandhlakazi	3	ZBUK25	Magendene	17	167 569
Nongoma (KZ265)	2016/17	Mandhlakazi	5	Z248	Nhlebeli	102	1 005 414
Nongoma (KZ265)	2016/17	Mandhlakazi	5	Z264	New Town	62	611 134
Nongoma (KZ265)	2016/17	Mandhlakazi	5	Z265	Mthincongo	152	1 498 264
Nongoma (KZ265)	2016/17	Mandhlakazi	5	Z266	Khethankomo	171	1 685 547
Nongoma (KZ265)	2016/17	Mandhlakazi	5	Z247	Mpuphusi	117	1 153 269
Nongoma (KZ265)	2016/17	Mandhlakazi	5	Z269	Toyisa Langalesizwe	128	1 261 696
Nongoma (KZ265)	2016/17	Mandhlakazi	5	Z270	Esheshi	122	1 202 554
Nongoma (KZ265)	2016/17	Mandhlakazi	5	Z280	Sinqande	148	1 458 836
Nongoma (KZ265)	2016/17	Mandhlakazi	6	Z222	Esigodiphola 2	17	167 569
Nongoma (KZ265)	2016/17	Usuthu	13	Z350	Kwamfemfeni	87	857 559
Nongoma (KZ265)	2016/17	Usuthu	13	Z351	Kwankulu	22	216 854
Nongoma (KZ265)	2016/17	Usuthu	13	Z353	Hlambanyathi 1	135	1 330 695
Nongoma (KZ265)	2016/17	Usuthu	13	Z372	Ingundwane	26	256 282
Nongoma (KZ265)	2016/17	Usuthu	13	ZMAP17	Emgodi 2	64	630 848
Nongoma (KZ265)	2016/17	Mandhlakazi	20	Z226	Ekubungazeleni	201	1 981 257
Nongoma (KZ265)	2016/17	Mandhlakazi	20	Z227	Manqushaneni	108	1 064 556
Nongoma (KZ265)	2016/17	Mandhlakazi	1	Z290	Zidwadweni	86	847 702
Nongoma (KZ265)	2016/17	Mandhlakazi	1	Z291	Geqa	48	473 136
Nongoma (KZ265)	2016/17	Mandhlakazi	1	Z304	Mtengase	56	551 992
Nongoma (KZ265)	2016/17	Mandhlakazi	1	Z313	Mngamunde	16	157 712
Nongoma (KZ265)	2016/17	Mandhlakazi	3	Z303	Mthonjaneni	99	975 843
Nongoma (KZ265)	2016/17	Mandhlakazi	3	Z317	Hlushwaneni	89	877 273
Nongoma (KZ265)	2016/17	Mandhlakazi	3	Z314	Emathlomane	40	394 280
Nongoma (KZ265)	2016/17	Mandhlakazi	3	Z316	Mduda	82	808 274
Nongoma (KZ265)	>2017	Mandhlakazi	3	Z321	Mgxanyini	87	857 559
Nongoma (KZ265)	>2017	Mandhlakazi	3	Z322	Esigodiphola 1	57	561 849
Nongoma (KZ265)	>2017	Mandhlakazi	3	ZBUK29	Shalasha	53	522 421
Nongoma (KZ265)	>2017	Usuthu	4	Z190	Manyoni 1	237	2 336 109
Nongoma (KZ265)	>2017	Usuthu	4	Z192	Makholweni	65	640 705
Nongoma (KZ265)	>2017	Usuthu	4	Z193	Sindabe	80	788 560
Nongoma (KZ265)	>2017	Usuthu	4	Z213	Emakhandeni	84	827 988
Nongoma (KZ265)	>2017	Usuthu	4	Z214	Mhlwehlwe	76	749 132
Nongoma (KZ265)	>2017	Usuthu	4	Z215a	Mfankomo	66	650 562
Nongoma (KZ265)	>2017	Usuthu	4	Z361	Mashenge	51	502 707
Nongoma (KZ265)	>2017	Usuthu	4	Z362	Emaqeleni	31	305 567
Nongoma (KZ265)	>2017	Mandhlakazi	5	Z292	Kwajuba	120	1 182 840
Nongoma (KZ265)	>2017	Mandhlakazi	5	Z294	Kolubomvu 1	25	246 425
Nongoma (KZ265)	>2017	Mandhlakazi	5	Z718	Mahlomane	76	749 132
Nongoma (KZ265)	>2017	Usuthu	6	Z171	Ndololwaneni	91	896 987
Nongoma (KZ265)	>2017	Usuthu	9	Z592	Sikhleni	109	1 074 413
Nongoma (KZ265)	>2017	Usuthu	10	Z569	Kwandwandwe	141	1 389 837
Nongoma (KZ265)	>2017	Usuthu	10	Z164	Esweni	82	808 274

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Local Municipality	Sanitation Implementation Year	Regional Scheme	Ward 2011	Z-Nr	Settlement Name	Households	Cost (Sanitation)
Nongoma (KZ265)	>2017	Usuthu	10	Z165	Hlathi	132	1 301 124
Nongoma (KZ265)	>2017	Usuthu	10	Z168	Magutshwa	102	1 005 414
Nongoma (KZ265)	>2017	Usuthu	10	Z170	Ekuvukeni	184	1 813 688
Nongoma (KZ265)	>2017	Usuthu	10	ZMAP18	Nokhehleni	21	206 997
Nongoma (KZ265)	>2017	Usuthu	11	Z570	Kwazungu	161	1 586 977
Nongoma (KZ265)	>2017	Usuthu	11	ZNN23	Emhemeni	49	482 993
Nongoma (KZ265)	>2017	Usuthu	11	Z567	Othinsangu	114	1 123 698
Nongoma (KZ265)	>2017	Usuthu	11	ZNN27	Hlathidumayo	62	611 134
Nongoma (KZ265)	>2017	Usuthu	11	Z157	Nqala	67	660 419
Nongoma (KZ265)	>2017	Usuthu	11	Z151	Mhlabaneni	51	502 707
Nongoma (KZ265)	>2017	Usuthu	11	Z152	Masokaneni	111	1 094 127
Nongoma (KZ265)	>2017	Usuthu	11	Z153	Mcibilindini	37	364 709
Nongoma (KZ265)	>2017	Usuthu	11	Z154	Zampilo	25	246 425
Nongoma (KZ265)	>2017	Usuthu	11	ZBA1	Kwavumela	62	611 134
Nongoma (KZ265)	>2017	Usuthu	12	Z375	Macekaneni	84	827 988
Nongoma (KZ265)	>2017	Usuthu	12	Z349	Isizinda A	15	147 855
Nongoma (KZ265)	>2017	Usuthu	12	Z373	Nhloyane	12	118 284
Nongoma (KZ265)	>2017	Usuthu	12	ZAM12	Ezingolaneni	32	315 424
Nongoma (KZ265)	>2017	Usuthu	12	ZMAP13	Nqalu	32	315 424
Nongoma (KZ265)	>2017	Usuthu	12	ZMAP14	Ndlazini	58	571 706
Nongoma (KZ265)	>2017	Usuthu	12	ZMAP16	KwaLuphonjwana	113	1 113 841
Nongoma (KZ265)	>2017	Usuthu	12	Z374	Ngalonde	83	818 131
Nongoma (KZ265)	>2017	Usuthu	13	Z359	Embokodweni	66	650 562
Nongoma (KZ265)	>2017	Usuthu	13	Z360	Engwelezane	33	325 281
Nongoma (KZ265)	>2017	Usuthu	14	Z554	Badlaneni	120	1 182 840
Nongoma (KZ265)	>2017	Usuthu	14	Z559	Newgoli	68	670 276
Nongoma (KZ265)	>2017	Usuthu	14	Z560	Khalweni	36	354 852
Nongoma (KZ265)	>2017	Usuthu	17	Z642	Obhuqwini	118	1 163 126
Nongoma (KZ265)	>2017	Usuthu	17	Z644	Kwanomehle	145	1 429 265
Nongoma (KZ265)	>2017	Usuthu	21	Z643	Mgiliji	85	837 845
Nongoma (KZ265)	>2017	Usuthu	21	Z614	Mayini	174	1 715 118
Nongoma (KZ265)	>2017	Usuthu	21	Z615	Hlabathini 2	83	818 131
Nongoma (KZ265)	>2017	Usuthu	21	Z616	Mpiyampiya	54	532 278
Nongoma (KZ265)	>2017	Usuthu	11	Z147	Ngolotshe	275	2 710 675
Nongoma (KZ265)	>2017	Usuthu	11	Z155a	Eziqhumeni 1	22	216 854
Nongoma (KZ265)	>2017	Usuthu	11	Z155b	Eziqhumeni 2	21	206 997
Nongoma (KZ265)	>2017	Usuthu	11	Z156	Entwala	99	975 843
Nongoma (KZ265)	>2017	Usuthu	11	ZMAP9	Doncaneni	50	492 850
Nongoma (KZ265)	>2017	Usuthu	17	Z641	Efefe	144	1 419 408
Nongoma (KZ265)	>2017	Usuthu	17	Z645	Majomela	310	3 055 670
Nongoma (KZ265)	>2017	Usuthu	17	ZKAY8	Echibini	12	118 284

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Ulundi (KZ266)	Complete	Usuthu	1	ZMD10	Chibini 3	139	
Ulundi (KZ266)	Complete	Usuthu	1	Z443	Nomdidwa	140	
Ulundi (KZ266)	Complete	Usuthu	1	Z442	Ngubaneni	169	
Ulundi (KZ266)	Complete	Usuthu	1	ZMD9	Ngobodo	159	
Ulundi (KZ266)	Complete	Usuthu	1	Z440	Magaviseni	105	
Ulundi (KZ266)	Complete	Usuthu	1	Z438	Nhlatwini	141	
Ulundi (KZ266)	Complete	Usuthu	1	Z441	Mkhulwana	67	
Ulundi (KZ266)	Complete	Usuthu	1	Z439	Dakaneni	43	
Ulundi (KZ266)	Complete	Usuthu	1	Z438	Dayingubo	58	
Ulundi (KZ266)	Complete	Usuthu	1		Magagadolo	232	
Ulundi (KZ266)	Complete	Usuthu	1	Z11	Mdumela	24	
Ulundi (KZ266)	Complete	Usuthu	1	Z779	Silanda	7	
Ulundi (KZ266)	Complete	Usuthu	1	Z90	Phambukelweni	36	
Ulundi (KZ266)	Complete	Usuthu	1	Z91	Ngogelana	76	
Ulundi (KZ266)	Complete	Usuthu	1	Z3	Gabazi	37	
Ulundi (KZ266)	Complete	Usuthu	1	ZMAP76	Nangizimu 3	40	
Ulundi (KZ266)	Complete	Usuthu	1	ZMAP77	Nangizimu 2	49	
Ulundi (KZ266)	Complete	Usuthu	1	ZMAP78	Nangizimu 1	28	
Ulundi (KZ266)	Complete	Usuthu	1	Z612	Ingoqondo	73	
Ulundi (KZ266)	Complete	Usuthu	1	ZRN10	Ezikwebezani	98	
Ulundi (KZ266)	Complete	Usuthu	1	ZRN3	Ombimbini 2	143	
Ulundi (KZ266)	Complete	Usuthu	1	Z613	Ndindindi	119	
Ulundi (KZ266)	Complete	Usuthu	1	ZRN5	Ezidwadweni	122	
Ulundi (KZ266)	Complete	Usuthu	1	ZRN9	Nhloye	14	
Ulundi (KZ266)	Complete	Usuthu	2	Z447	Basamlilo	20	
Ulundi (KZ266)	Complete	Usuthu	2	Z448	Nende 1	21	
Ulundi (KZ266)	Complete	Usuthu	3	ZRN4	Godlankomo	135	
Ulundi (KZ266)	Complete	Nkonjeni	4	Z450	Stedham (Kwanduku)	136	
Ulundi (KZ266)	Complete	Nkonjeni	4	Z458	Etsheni	13	
Ulundi (KZ266)	Complete	Nkonjeni	4	Z829	Njolini	3	
Ulundi (KZ266)	Complete	Nkonjeni	4	ZTAS2	Nsabekhuluma 2	13	
Ulundi (KZ266)	Complete	Nkonjeni	4		Wolandiya	8	
Ulundi (KZ266)	Complete	Nkonjeni	4	Z452a	Kwamshayzafe1	-	
Ulundi (KZ266)	Complete	Nkonjeni	4	Z452b	Kwamshayzafe2	29	
Ulundi (KZ266)	Complete	Nkonjeni	4	Z452c	Kwamshayzafe3	115	
Ulundi (KZ266)	Complete	Nkonjeni	4	Z960	Ekudu Enkeni	25	
Ulundi (KZ266)	Complete	Usuthu	4	Z449	Kwantabaneni	110	
Ulundi (KZ266)	Complete	Usuthu	4	Z451	Ogedleni / Skalambazo	54	
Ulundi (KZ266)	Complete	Usuthu	4	Z446	Esidakeni 2	293	
Ulundi (KZ266)	Complete	Usuthu	4		Mphumphulu	68	
Ulundi (KZ266)	Complete	Usuthu	5	Z28	Ezembeni	280	
Ulundi (KZ266)	Complete	Usuthu	5	Z27	Nende 2	37	
Ulundi (KZ266)	Complete	Nkonjeni	13	Z920	Ohlelo	217	
Ulundi (KZ266)	Complete	Nkonjeni	13	Z925b	Ogade 2	11	
Ulundi (KZ266)	Complete	Nkonjeni	13	ZAM7	Bhukwe	34	
Ulundi (KZ266)	Complete	Nkonjeni	14	Z408	Nyoni	76	
Ulundi (KZ266)	Complete	Nkonjeni	14	Z782	Sqobelo	84	
Ulundi (KZ266)	Complete	Nkonjeni	14	ZTAS15	Dibha	110	
Ulundi (KZ266)	Complete	Nkonjeni	15	ZTAS11	Kwanoma	12	
Ulundi (KZ266)	Complete	Nkonjeni	16	Z476	Kweyezulu	172	
Ulundi (KZ266)	Complete	Nkonjeni	16	Z812	Ndumeni	4	
Ulundi (KZ266)	Complete	Nkonjeni	16	Z745	Mpayini	19	
Ulundi (KZ266)	Complete	Nkonjeni	16		Springfield	13	
Ulundi (KZ266)	Complete	Nkonjeni	16	Z474	Hlugelwane	29	
Ulundi (KZ266)	Complete	Nkonjeni	16	Z473	eMahlatini	76	
Ulundi (KZ266)	Complete	Nkonjeni	20	Z399	Mvula	15	
Ulundi (KZ266)	Complete	Nkonjeni	20	Z795	Kwamvula	65	
Ulundi (KZ266)	Complete	Nkonjeni	20	Z813	Enguqe	76	
Ulundi (KZ266)	Complete	Nkonjeni	20	Z819	Langakazi 1	20	
Ulundi (KZ266)	Complete	Nkonjeni	24	Z398	Ekatini	48	
Ulundi (KZ266)	Complete	Nkonjeni	24	Z758	Ekujulukeni	116	
Ulundi (KZ266)	Complete	Nkonjeni	24	Z744	Phakama	29	
Ulundi (KZ266)	Complete	Nkonjeni	24	Z400	Mbambo (Mthonjeni)	36	
Ulundi (KZ266)	Complete	Nkonjeni	24	Z401	Kwafolese	85	
Ulundi (KZ266)	Complete	Nkonjeni	24	Z814	Ezakhiweni	90	
Ulundi (KZ266)	Complete	Nkonjeni	24	Z799	Endayini	4	
Ulundi (KZ266)	Complete	Nkonjeni	24	Z818	Kwanguqe	108	
Ulundi (KZ266)	Complete	Nkonjeni	24	Z820	Hlophekhulu	184	
Ulundi (KZ266)	Complete	Nkonjeni	24	ZMAP108	Basamlilo 2	49	
Ulundi (KZ266)	Complete	Nkonjeni	24	ZMAP109	Ezisasameni	15	
Ulundi (KZ266)	Complete	Nkonjeni	24	ZTAS18	Ezimfeneni	56	
Ulundi (KZ266)	Complete	Nkonjeni	24	ZTAS19	Ezikhumbeni	71	

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Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	Z13	Nkomombili		
Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	Z20	Ekushumayeleni		
Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	Z21	Mtikini		
Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	Z22	eHlabathini 2		
Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	Z19	Nomponjwana		
Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	ZMAP115	Nhlohlela		
Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	ZMAP116	Ezinxagwini		
Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	ZRN6	Ezimqaqeni		
Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	ZRN7	Mhlangandlovu		
Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	ZRN8	Esizilo		
Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	Z26	Obhedeni		
Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	Z25	Siyekela		
Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	ZRN1	Ezihlaqeni		
Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	Z14	Nsimbi		
Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	Z15	Phethu		
Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	Z16	Mndaweni		
Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	Z9	Mgxotshwa		
Ulundi (KZ266)	Completed (Done by other funder)	Usuthu	2	ZMAP114	Sikhalampama		
Ulundi (KZ266)	Complete	Usuthu	2	Z24	Edlakude	69	
Ulundi (KZ266)	Complete	Usuthu	3	Z444	Thandimali / Mlamlankuzi	20	
Ulundi (KZ266)	Complete	Usuthu	3	Z17	Nhlonga	96	
Ulundi (KZ266)	Complete	Nkonjeni	4	Z963	Emandlovini	35	
Ulundi (KZ266)	Complete	Usuthu	4	ZMAP113	Mhlophe	5	
Ulundi (KZ266)	Complete	Usuthu	5	Z828	Kwantabe	23	
Ulundi (KZ266)	Complete	Usuthu	5	Z29	Egqumeni	83	
Ulundi (KZ266)	Complete	Usuthu	5	Z33	Ntambonde	53	
Ulundi (KZ266)	Complete	Usuthu	5	ZMAP111	Hluthy	12	
Ulundi (KZ266)	Complete	Usuthu	5	Z30	Ndwaleni	2	
Ulundi (KZ266)	Complete	Usuthu	5	Z32	Mashiyane	126	
Ulundi (KZ266)	Complete	Usuthu	10	Z31	Dlabane	90	
Ulundi (KZ266)	Complete	Hlahlindlela	13	Z622	Ntababomvu	5	
Ulundi (KZ266)	Complete	Nkonjeni	13	Z921	Undindi	112	
Ulundi (KZ266)	Complete	Nkonjeni	13	Z922	Kwankakazi	52	
Ulundi (KZ266)	Complete	Nkonjeni	13	Z923	Mbekuzeni	5	
Ulundi (KZ266)	Complete	Nkonjeni	13	Z924	Mission 3	78	
Ulundi (KZ266)	Complete	Nkonjeni	13	Z925a	Ogade 1	54	
Ulundi (KZ266)	Complete	Nkonjeni	13	Z926	Mashudu	28	
Ulundi (KZ266)	Complete	Nkonjeni	13	Z927	Kwabombo	16	
Ulundi (KZ266)	Complete	Nkonjeni	13	ZMAP95	New	5	
Ulundi (KZ266)	Complete	Nkonjeni	13	ZMAP96	Mbombo	11	
Ulundi (KZ266)	Complete	Nkonjeni	13	ZAM8	Zulu Rock	80	
Ulundi (KZ266)	Complete	Nkonjeni	13	New	Konfoor	38	
Ulundi (KZ266)	Complete	Nkonjeni	14	Z407	Ezinyoshini	99	
Ulundi (KZ266)	Complete	Nkonjeni	14	Z409	Nhluba	28	
Ulundi (KZ266)	Complete	Nkonjeni	14	Z410	Ganwini	128	
Ulundi (KZ266)	Complete	Nkonjeni	14	ZMAP91	Themalihle	62	
Ulundi (KZ266)	Complete	Nkonjeni	14	Z412	Zilulwane	50	
Ulundi (KZ266)	Complete	Usuthu	14	Z706	Mbanda 2	23	
Ulundi (KZ266)	Complete	Nkonjeni	15	Z707	Ntabankulu	35	
Ulundi (KZ266)	Complete	Nkonjeni	24	Z411	Dindi	41	
Ulundi (KZ266)	Complete	Nkonjeni	24	ZTAS13	England	42	
Ulundi (KZ266)	Complete	Nkonjeni	24	Z418	Bhekimbazo	88	
Ulundi (KZ266)	Complete	Nkonjeni	17	Z468	Esibindini	86	
Ulundi (KZ266)	Complete	Nkonjeni	17	Z484	Maduna Ezibomvu	103	
Ulundi (KZ266)	Complete	Nkonjeni	17	Z471	Maqwatha	135	
Ulundi (KZ266)	Complete	Nkonjeni	17	Z472	Gengeni	137	
Ulundi (KZ266)	Complete	Nkonjeni	17	Z807	Ntabamhlope	56	
Ulundi (KZ266)	Complete	Nkonjeni	17	Z482	Nkaphani	78	
Ulundi (KZ266)	Complete	Nkonjeni	17	New	New City	57	
Ulundi (KZ266)	Complete	Nkonjeni	23	Z470	Goje Maqwatha	179	
Ulundi (KZ266)	Complete	Usuthu	1	Z436	Isihulu	110	
Ulundi (KZ266)	Complete	Usuthu	2	Z10	Brush	40	
Ulundi (KZ266)	Complete	Usuthu	3	Z437	Bhoholo	168	
Ulundi (KZ266)	Complete	Usuthu	7	Z669	Nqabeni	39	
Ulundi (KZ266)	Complete	Usuthu	7	Z670	Nqabeni	45	
Ulundi (KZ266)	Complete	Usuthu	7	Z673	Bhokweni 1	16	
Ulundi (KZ266)	Complete	Usuthu	7	Z674	Bhokweni 2	172	
Ulundi (KZ266)	Complete	Usuthu	7	Z675	Mpangeleni	55	
Ulundi (KZ266)	Complete	Usuthu	7	Z676	Thusini	37	
Ulundi (KZ266)	Complete	Usuthu	7	Z666	Amaphiva	164	
Ulundi (KZ266)	Complete	Usuthu	7	Z667	Pelepele	29	
Ulundi (KZ266)	Complete	Usuthu	7	Z668	Xasane 1	38	
Ulundi (KZ266)	Complete	Usuthu	7	Z671	Xasane 2	18	
Ulundi (KZ266)	Complete	Usuthu	7	Z672	Bhungwane	104	
Ulundi (KZ266)	Complete	Usuthu	7	Z678	Sofanweni	97	

NEW RURAL SANITATION ROLLOUTS

Local Municipality	Sanitation Implementation Year	Regional Scheme	Ward 2011	Z-Nr	Settlement Name	Households	Cost (Sanitation)
Ulundi (KZ266)	2015/16	Usuthu	7	Z679	Esphiva	106	
Ulundi (KZ266)	2016/17	Usuthu	8	Z685	Mganimbobo	80	788 560
Ulundi (KZ266)	2016/17	Usuthu	14	Z693	Njojwanana	65	640 705
Ulundi (KZ266)	2016/17	Usuthu	14	Z694	Mbanda 1	56	551 992
Ulundi (KZ266)	2016/17	Usuthu	14	Z695	Bhodludaka	49	482 993
Ulundi (KZ266)	2016/17	Usuthu	14	ZTAS6	Wela 1	30	295 710
Ulundi (KZ266)	2016/17	Nkonjeni	15	Z709	Ntabayezulu	41	404 137
Ulundi (KZ266)	2016/17	Usuthu	15	Z686	Khulwane	172	1 695 404
Ulundi (KZ266)	>2017	Usuthu	15	Z696	Lomo/Mahlaba	27	266 139
Ulundi (KZ266)	>2017	Usuthu	15	Z697	Lomo/Mlaza	46	453 422
Ulundi (KZ266)	>2017	Usuthu	15	Z708	Lomo/Mhluwanini	31	305 567
Ulundi (KZ266)	>2017	Usuthu	15	ZMAP110	Mgubameni	17	167 569
Ulundi (KZ266)	>2017	Nkonjeni	16	ZMAP85	Mbundu	44	433 708
Ulundi (KZ266)	>2017	Nkonjeni	16	ZMAP86	Mpembeni	33	325 281
Ulundi (KZ266)	>2017	Nkonjeni	16	ZMAP87	Nsingizane 1	20	197 140
Ulundi (KZ266)	>2017	Nkonjeni	16	ZMAP88	Qaba	26	256 282
Ulundi (KZ266)	>2017	Nkonjeni	16	ZMAP119	Hlengile	34	335 138
Ulundi (KZ266)	>2017	Nkonjeni	16	ZBUK49	Uitzicht 203	18	177 426
Ulundi (KZ266)	>2017	Nkonjeni	16	ZMAP83	Nkaletweni	118	1 163 126
Ulundi (KZ266)	>2017	Nkonjeni	16	ZMAP84	Cokolo	48	473 136
Ulundi (KZ266)	>2017	Nkonjeni	16	ZBUK54	Vaalbank 347	3	29 571
Ulundi (KZ266)	>2017	Nkonjeni	16	ZMAP89	Ncele	9	88 713
Ulundi (KZ266)	>2017	Nkonjeni	16	ZBUK51	Langfontein	129	1 271 553
Ulundi (KZ266)	>2017	Nkonjeni	16	ZMAP100	Dingaanstad	62	611 134
Ulundi (KZ266)	>2017	Nkonjeni	16	ZMAP90	Nzololo - Maganda	48	473 136
Ulundi (KZ266)	>2017	Nkonjeni	16	ZMAP117	Mhlathuze	40	394 280
Ulundi (KZ266)	>2017	Nkonjeni	16	ZMAP118	Ntongwana (Uitzondering Farm)	23	226 711
Ulundi (KZ266)	>2017	Nkonjeni	16	ZMAP82	Mombeni	26	256 282
Ulundi (KZ266)	>2017	Usuthu	15	Z689	Obinda	29	285 853

NEW RURAL SANITATION ROLLOUTS

Local Municipality	New Sanitation Implementation Year	Regional Scheme	Ward 2011	Z-Nr	Settlement Name	Households Remaining	Cost (Sanitation)
UPhongolo (KZ262)	2016/17	Sim C	6	Z769	Mafindose	49	482 993
UPhongolo (KZ262)	2016/17	Sim C	6	Z761	Bongaspoort	63	620 991
UPhongolo (KZ262)	2016/17	Sim C	6	Z762	Ezinketheni	79	778 703
UPhongolo (KZ262)	2016/17	Sim C	6	Z378	Nkosientsha	104	1 025 128
UPhongolo (KZ262)	2016/17	Sim C	6	Z722	Kwambhulu	105	1 034 985
UPhongolo (KZ262)	2016/17	Mkhuze	14	ZMAP99	Cotlands	32	315 424
UPhongolo (KZ262)	2016/17	Mkhuze	14	ZMAP98	Hlambanyathi 2	41	404 137
UPhongolo (KZ262)	2016/17	Mkhuze	14	ZHR2	Gumbi Trust (Mvokweni)	320	3 154 240
UPhongolo (KZ262)	>2017	Sim C	3	Z753	Newstand	122	1 202 554
UPhongolo (KZ262)	>2017	Sim C	6	ZTAS57	Thusazane	31	305 567
UPhongolo (KZ262)	>2017	Sim C	6	Z377	Ezibayeni	54	532 278
UPhongolo (KZ262)	>2017	Sim C	6	Z527	Mfalovalu	59	581 563
UPhongolo (KZ262)	>2017	Sim C	6	Z526	Manzabomvu 1	196	1 931 972
UPhongolo (KZ262)	>2017	Sim C	6	Z767	Mfenyane	65	640 705
UPhongolo (KZ262)	>2017	Sim C	6	ZBUK63	Dlomodlomo 1	109	1 074 413
UPhongolo (KZ262)	>2017	Sim C	6	Z768	Klipwal	162	1 596 834
UPhongolo (KZ262)	>2017	Sim C	4	Z486	Nyawoshane	111	1 094 127
UPhongolo (KZ262)	>2017	Sim C	5	ZMAP41	Gaqa (Inqabayamantungwa	368	3 627 376
UPhongolo (KZ262)	>2017	Sim C	12	Z789	Kwazibhedlu	36	354 852
UPhongolo (KZ262)	>2017	Sim C	12	Z461	Chicago (Highlands B)	77	758 989
UPhongolo (KZ262)	>2017	Sim C	12	Z464	Gabela (Manyandeni)	100	985 700
UPhongolo (KZ262)	>2017	Sim C	12	Z463	Kwesimhlophe (Manyander	143	1 409 551
UPhongolo (KZ262)	>2017	Coronation	1	ZHR3	Dwarsrand	123	1 212 411
UPhongolo (KZ262)	>2017	Mkhuze	1	ZMAP52	Nyaliza	14	137 998
UPhongolo (KZ262)	>2017	Coronation	1	ZTAS51	Berdina	20	197 140
UPhongolo (KZ262)	>2017	Coronation	1	ZTAS58	Berdina	30	295 710
UPhongolo (KZ262)	>2017	Mkhuze	1	ZJD2	Esidakeni 3	41	404 137
UPhongolo (KZ262)	>2017	Mkhuze	1	ZMAP81	Dwarsland	54	532 278
UPhongolo (KZ262)	>2017	Usuthu	1	ZMAP33	Mpalaza (Ntshangase Trust	24	236 568
UPhongolo (KZ262)	>2017	Usuthu	1	ZMAP32	KwaMqanga	38	374 566
UPhongolo (KZ262)	>2017	Usuthu	1	ZHC25	Ntshangase Trust (Meriba €	83	818 131
UPhongolo (KZ262)	>2017	Usuthu	1	ZMAP31	Mpakama	150	1 478 550
UPhongolo (KZ262)	>2017	Sim C	12	Z460	Manyandeni	194	1 912 258
UPhongolo (KZ262)	>2017	Mkhuze	14	ZJD1	Msotsa	15	147 855
UPhongolo (KZ262)	>2017	Mkhuze	14	Z936	Magudu	86	847 702