

## 10. List of projects

### 10.1 Introduction

The ZDM water master plan comprises of 10 back to back regional schemes, as follows:

- Nkonjeni
- Usuthu
- Mandlakazi
- Mkhuze
- Simdlangentsha East
- Simdlangentsha Central
- Simdlangentsha 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).

Sanitation in the rural areas is being provided in the form of dry-pit VIP toilets and the strategy is to implement these simultaneously with the roll-out of water services. This ensures a more effective impact with health and hygiene awareness training.

The list of communities to be served with water and sanitation over the next five years is listed below. The communities have been grouped per regional scheme.

### 10.2 Critical Issues

The regional schemes of ZDM are experiencing various challenges that either impact on the sustainability of existing infrastructure or influence the roll-out of new infrastructure to communities yet to be served. Critical issues related to the above have been identified for each regional scheme and are discussed in more detail below:

### **10.2.1 Nkonjeni**

- 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.
- The sustainability of the scheme is however 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. Urgent attention must be given to the development of a water loss and demand management strategy that can be systematically implemented throughout the scheme. If no attention is given to the above then water supply problems elsewhere in the scheme and the costly and premature upgrading of bulk infrastructure will be the result.

### **10.2.2 Usuthu**

- 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 requires the development of a new water source from the Black uMfolozi river and expensive bulk infrastructure to be rolled out over vast distances to scattered rural communities. 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.
- 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. Possible solutions could include the targeting of more sustainable production boreholes throughout the scheme that could be used as intermediate water sources and later be replaced by the regional scheme infrastructure.
- The sustainability of the main water source of Nongoma town is under severe strain and no longer sustainable during drought periods. This necessitated a change in the prioritised roll-out of the scheme by fast-tracking the installation of a bulk pipeline from the Black uMfolozi river to Nongoma.
- 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%. Therefore the need exists for the implementation of a water loss and water demand strategy for the town to ensure the long-term sustainability of the scheme.

### **10.2.3 Mandlakazi**

- 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 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 also had limited success. However, success has been achieved in finding good production boreholes throughout the scheme and this could be targeted and developed as intermediate water sources.
- The scheme is supplied with raw water from a privately owned dam outside of the Zululand municipal area. The privately owned 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. Long-term security of supply could however be improved by ZDM obtaining an individual allocation and raw water abstraction permit from DWA for abstraction from the dam.

### **10.2.4 Mkhuze**

- 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.
- 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. The project is well advanced and progressing as planned. 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. Therefore there is a need to investigate the provision of a sustainable supply from the dam to the area.

### 10.2.5 Simdlangentsha East

- 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 must pay DWA a raw water charge for water abstracted from the channels.
- Water supply in the rural areas is under severe pressure with frequent interruptions to the supply. Excessive water usage and high water losses 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.
- 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.

### 10.2.6 Simdlangentsha Central

- The planning of the Simdlangentsha Central scheme is complete and the first phases of the bulk infrastructure have been constructed. 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.
- The Simdlangentsha Central scheme is also under pressure to alleviate water supply problems in the far reaching ends of the Simdlangentsha East scheme. A bulk pipeline is being constructed from the Simdlangentsha Central waterworks to the Simdlangentsha East scheme for this purpose.
- 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.

### 10.2.7 Simdlangentsha West

- 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)
- The Current capacity of the existing Water Treatment works at Frischgewaagd town is 3MI/day.
- New networks were installed at Frischgewaagd during 2007/2008. 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). High water losses are evident.
- The construction of new networks at Mangosuthu is currently being constructed. 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. The estimated cost to complete the networks at Mangosuthu is R31M. Currently funding of only R6M per year is available.
- 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.
- Once the networks at Mangosuthu are completed, 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.
- Treated water will be distributed to Ezimbomvu, Tholakela, Mangosuthu and Opuzane.

The biggest challenge is to obtain funding for the proposed developments. Funding of more than R120M will be needed just to supply Frischgewaagd and Mangosuthu with treated water. Currently only R6M per year is available for the development of Simdlangenstha West.

### 10.2.8 Khambi

- Several small stand alone schemes were implemented within the Khambi Tribal Authority during the recent years. (Esihlengeni, Kwamakweshe, Ngenetsheni, Cibilili and Ntumbane Community Water Supply schemes).
- None of these schemes 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 will supply water on the medium term to the Khambi Tribal Authority and will integrate all the stand alone schemes. Currently only Kwamakweshe and Ngenetheni are supplied from the Khambi Water treatment works.
- The integration of the remaining stand alone schemes will be completed within the next three to four years, after which the focus will be on the implementation of stand-alone schemes to the Land Reform Areas of Khambi.

### 10.2.9 eMondlo/Hlahlindlela

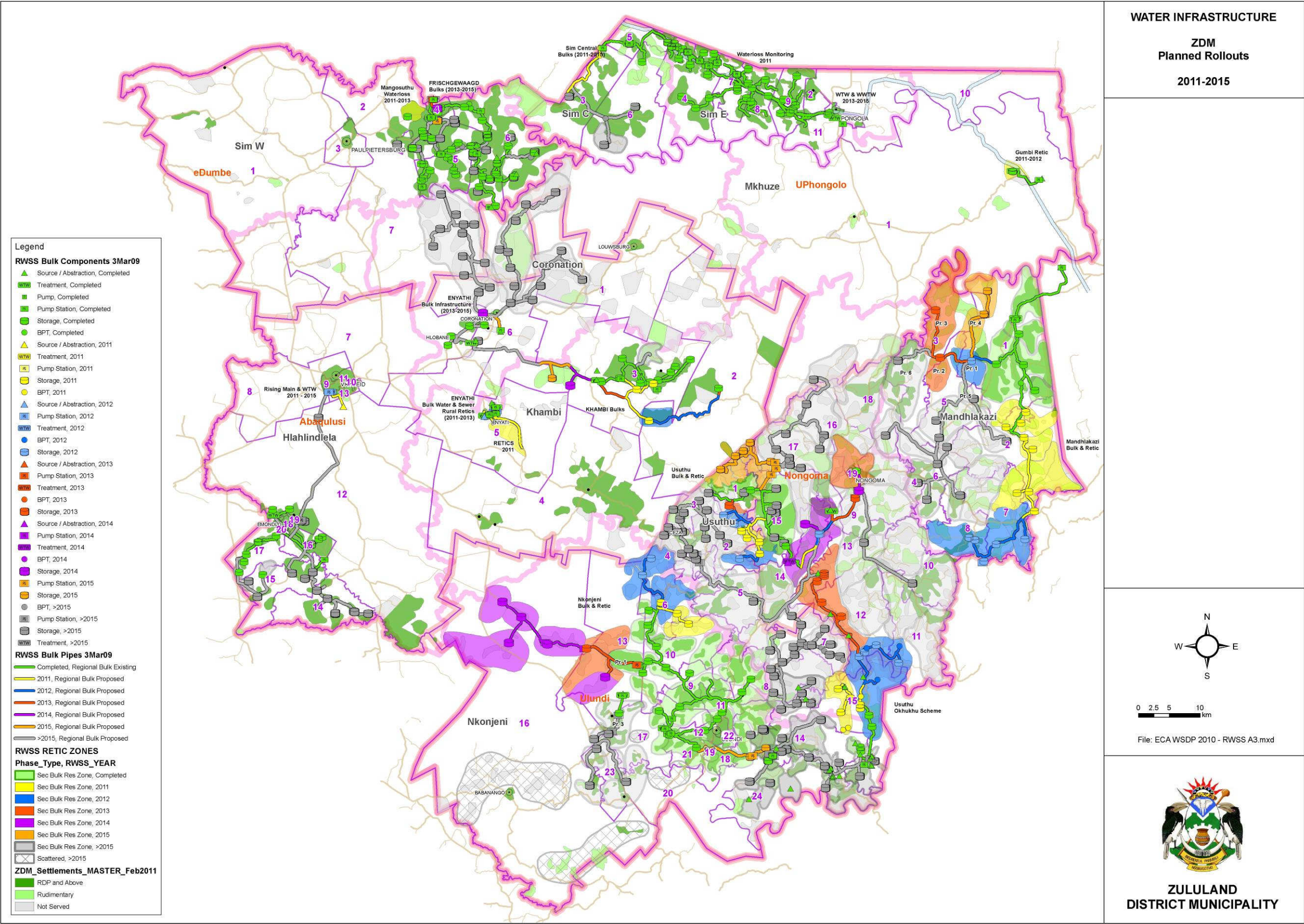
- During 2000 a new water reticulation network at eMondlo A and B was installed in order to lessen the water demand from 12 MI/day to 4 MI/day. The eMondlo water treatment works can supply 8 MI/day. This meant that 4 MI/day would have been available towards the settlements surrounding eMondlo A and B 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 the savings of 4MI/day never realised. The residents of eMondlo also connected the new network to the old network with pipes in their yards.
- Currently the eMondlo water treatment works is being refurbished and upgraded to supply 12MI/day.
- The water demand has grown from 8MI/day in 2000 to 16 MI/day currently. After the refurbishment there will still be a shortfall of 4 MI/day.
- The existing rising main line from Mvunyane Dam to eMondlo Water Treatment works can only supply 12 MI/day.
- The Mvunyane dam has is silting up and has a limited lifespan.
- 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 water loss programme needs to be implemented at eMondlo A and B. This is crucial towards the sustainability of water supply to the area. All connections must be metered and consumers must pay for water consumed. Consumers must be responsible for water losses in their own yards.
- The funding available to implement the Hlahlindlela Regional water supply is not adequate. The estimated cost to implement the water supply from Klipfontein Dam to eMondlo is estimated at well over the R200M. The current yearly budget available is R5M per year.

### 10.2.10 Coronation

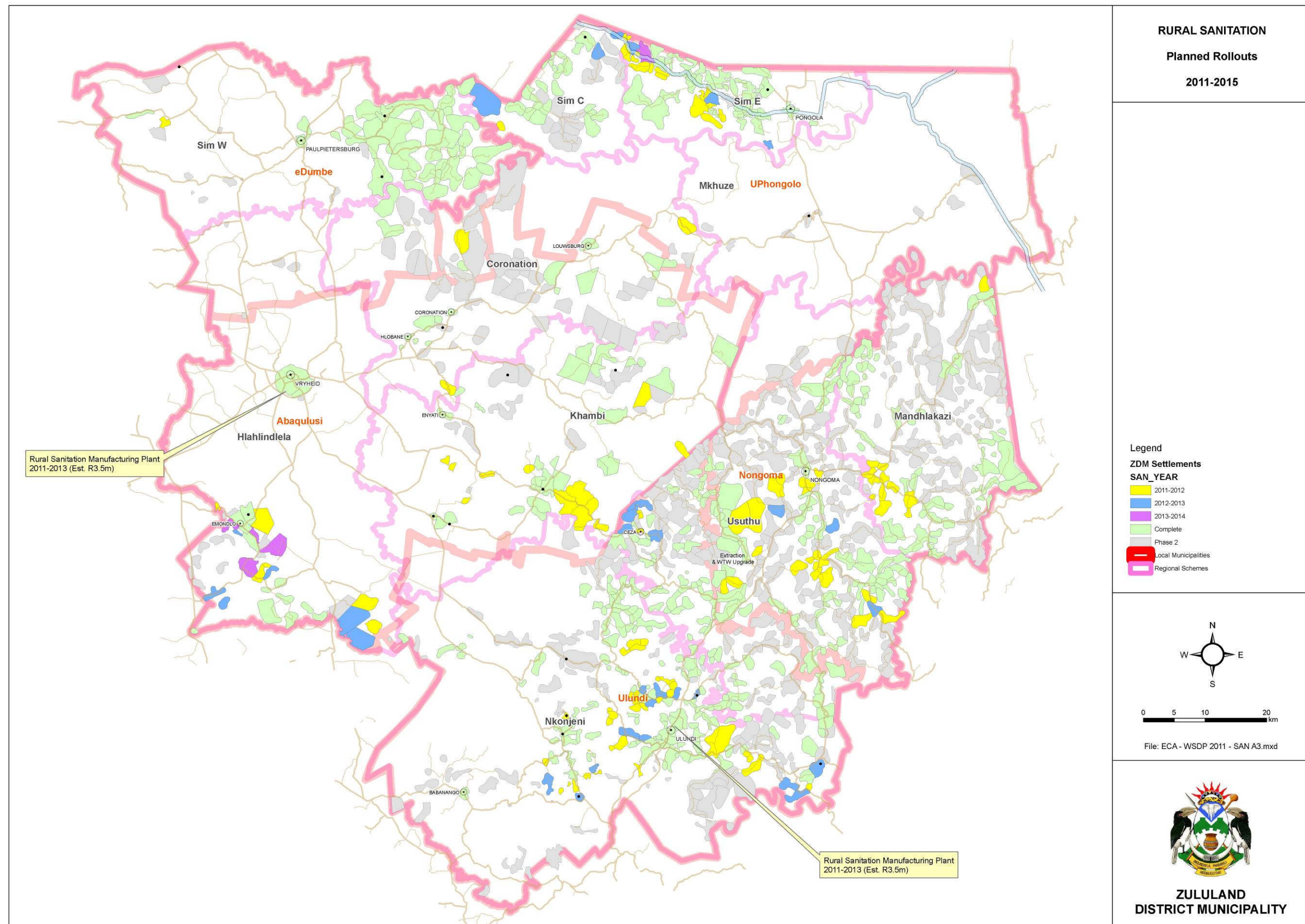
- The Coronation regional scheme consists of a few small and isolated towns and a number of scattered and very isolated rural settlements within formalised farm areas.
- The towns have a high level of service but the infrastructure is very old and urgent refurbishment is required in most cases. The Coronation 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 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 need to be dealt with first.



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

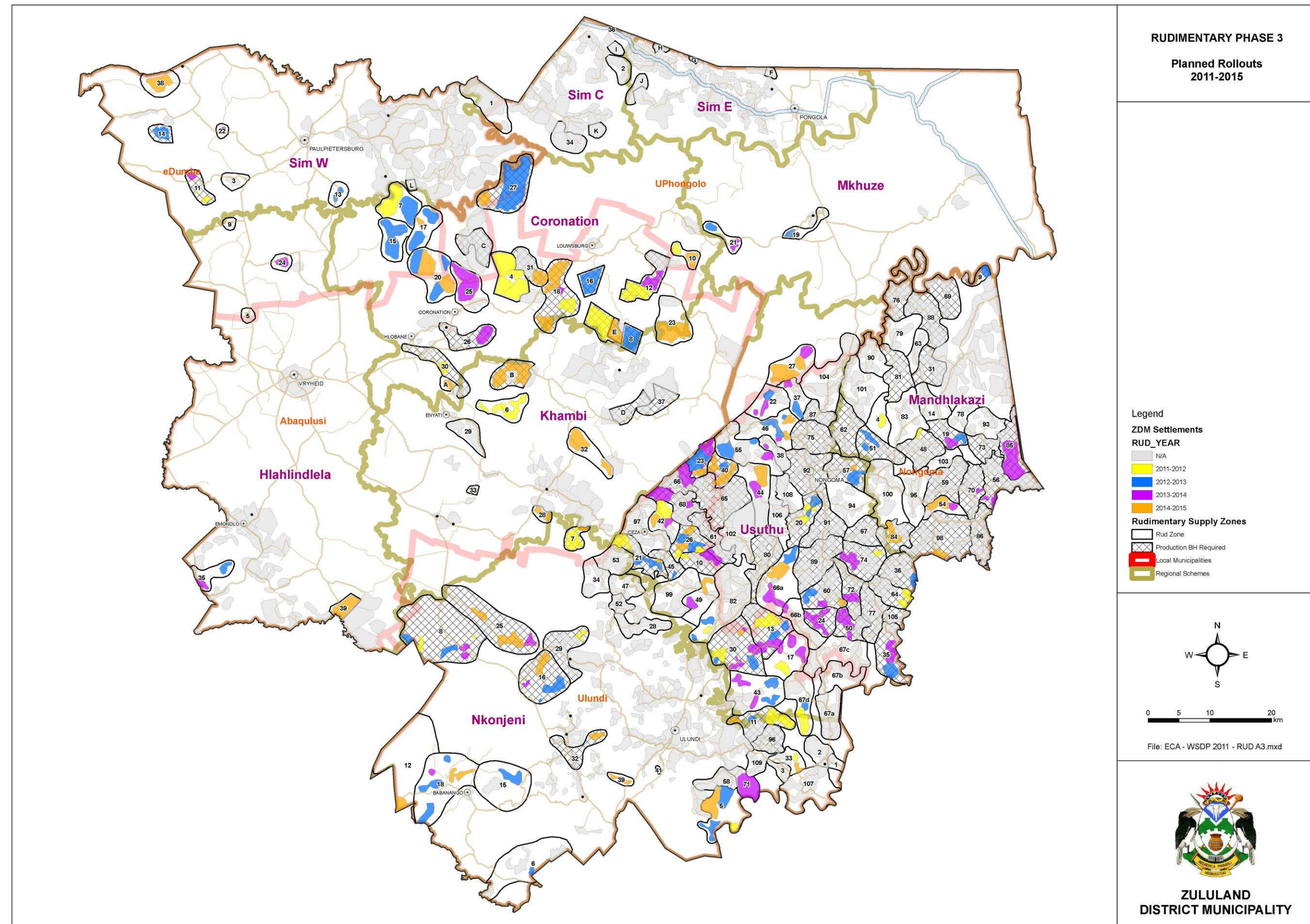








Map 10.13: Roll-out of rudimentary services in the district over the next 5 years



### Table 10.1: Roll-out of Water Infrastructure

[illegible]

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                                          |
|----------------------------------|-----------------|-------|-------|------------------------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION                              |
|                                  | Coronation      | >2015 | Bulk  | Parys Trust-PVC                          |
|                                  | Coronation      | >2015 | Bulk  | Parys Trust-PVC                          |
|                                  | Coronation      | >2015 | Bulk  | Parys Trust-PVC                          |
|                                  | Coronation      | >2015 | Bulk  | Parys Trust-PVC                          |
|                                  | Coronation      | >2015 | Bulk  | Parys Trust-PVC                          |
|                                  | Coronation      | >2015 | Bulk  | Parys Trust-PVC                          |
|                                  | Coronation      | >2015 | Retic | Boomlaer                                 |
|                                  | Coronation      | >2015 | Retic | Thutukani                                |
|                                  | Coronation      | >2015 | Retic | Hlobane                                  |
|                                  | Coronation      | >2015 | Retic | Rietvlei                                 |
|                                  | Coronation      | >2015 | Retic | Lindelani                                |
|                                  | Coronation      | >2015 | Retic | Hlobane (Driefontein/Vaalbank)           |
|                                  | Coronation      | >2015 | Retic | Nkongolwane 1                            |
|                                  | Coronation      | >2015 | Retic | Nkongolwane 2                            |
|                                  | Coronation      | >2015 | Retic | Coronation                               |
|                                  | Coronation      | >2015 | Retic | Ezakhiweni                               |
|                                  | Coronation      | >2015 | Retic | Emandleni                                |
|                                  | Coronation      | >2015 | Retic | Sitholinhlalala (Landmansdrift/Vaalhoek) |
|                                  | Coronation      | >2015 | Retic | Wintershoek                              |
|                                  | Coronation      | >2015 | Retic | Kwafakazi                                |
|                                  | Coronation      | >2015 | Retic | Endinsi                                  |
|                                  | Coronation      | >2015 | Retic | Ntshangase                               |
|                                  | Coronation      | >2015 | Retic | Emthebeni                                |
|                                  | Coronation      | >2015 | Retic | Ongane 1                                 |
|                                  | Coronation      | >2015 | Retic | Mooibank                                 |
|                                  | Coronation      | >2015 | Retic | Mandlakayise                             |
|                                  | Coronation      | >2015 | Retic | Kwavilakazi 1                            |
|                                  | Coronation      | >2015 | Retic | Kwamzwezwe                               |
| Abaqulusi Municipality           | Coronation      | >2015 | Retic | Esikhaleni 3                             |
|                                  | Coronation      | >2015 | Retic | Baqulusini 2                             |
|                                  | Coronation      | >2015 | Retic | Baqulusini 3                             |
|                                  | Coronation      | >2015 | Retic | Groeneweiding 345                        |
|                                  | Coronation      | >2015 | Retic | Groeneweiding Trust                      |
|                                  | Coronation      | >2015 | Retic | Enhlangweni                              |
|                                  | Coronation      | >2015 | Retic | Retseb                                   |
|                                  | Coronation      | >2015 | Retic | Xamu                                     |
|                                  | Coronation      | >2015 | Retic | Ebumnyameni                              |
|                                  | Coronation      | >2015 | Retic | Ezinkalweni                              |
|                                  | Coronation      | >2015 | Retic | Bedrog 217                               |
|                                  | Coronation      | >2015 | Retic | Thembalihle (Wilverdiend)                |
|                                  | Coronation      | >2015 | Retic | Mphumelelo                               |
|                                  | Coronation      | >2015 | Retic | Mbokodweni 2                             |
|                                  | Coronation      | >2015 | Retic | Mbokodweni 1                             |
|                                  | Coronation      | >2015 | Retic | Ebhodweni                                |
|                                  | Coronation      | >2015 | Retic | Kwamciyo                                 |
|                                  | Coronation      | >2015 | Retic | Mbilane                                  |
|                                  | Coronation      | >2015 | Retic | Mkhuze 2                                 |
|                                  | Enyathi         | 2011  | Bulk  | 110mm uPVC Class 12 pipeline             |
|                                  | Enyathi         | 2011  | Bulk  | 63mm HDPE Pipeline                       |
|                                  | Enyathi         | 2011  | Bulk  | 63mm HDPE Pipeline                       |
|                                  | Enyathi         | 2011  | Bulk  | 90mm uPVC Class 12 Pipeline              |
|                                  | Enyathi         | 2011  | Bulk  | 90mm uPVC Class 12 Pipeline              |
|                                  | Enyathi         | 2011  | Bulk  | 90mm uPVC Class 12 Pipeline              |
|                                  | Enyathi         | 2011  | Bulk  | 90mm uPVC Class 12 Pipeline              |
|                                  | Enyathi         | 2011  | Bulk  | 90mm uPVC Class 12 Pipeline              |
|                                  | Enyathi         | 2011  | Bulk  | 90mm uPVC Class 12 Pipeline              |
|                                  | Enyathi         | 2012  | Bulk  | Water Treatment Works upgrade            |
|                                  | Hlahlindlela    | 2011  | Bulk  | Abstraction Upgrade                      |
|                                  | Hlahlindlela    | 2011  | Bulk  | Rising Main from Klipf Dam to WTW        |
|                                  | Hlahlindlela    | 2012  | Bulk  | Clear water pump station                 |
|                                  | Hlahlindlela    | 2012  | Bulk  | Water Treatment Works upgrade            |
|                                  | Hlahlindlela    | >2015 | Bulk  | 50 HDPE Pipeline                         |



| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |      |                              |
|----------------------------------|-----------------|-------|------|------------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE | DESCRIPTION                  |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
| Abaqulusi Municipality           | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 50 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 5MI reservoir                |
|                                  | Hlahlindlela    | >2015 | Bulk | 5MI reservoir                |
|                                  | Hlahlindlela    | >2015 | Bulk | 5MI reservoir                |
|                                  | Hlahlindlela    | >2015 | Bulk | 63 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 63 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 63 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 63 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 63 uPVC Class 9 Pipeline     |
|                                  | Hlahlindlela    | >2015 | Bulk | 75 HDPE Class 10             |
|                                  | Hlahlindlela    | >2015 | Bulk | 75 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 75 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 75 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 75 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 75 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 75 uPVC Class 9              |
|                                  | Hlahlindlela    | >2015 | Bulk | 90 HDPE Class 9 Pipeline     |
|                                  | Hlahlindlela    | >2015 | Bulk | 90 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 90 HDPE Pipeline             |
|                                  | Hlahlindlela    | >2015 | Bulk | 90 Steel Pipeline            |
|                                  | Hlahlindlela    | >2015 | Bulk | 90 Steel Pipeline            |
|                                  | Hlahlindlela    | >2015 | Bulk | 90 Steel Pipeline            |
|                                  | Hlahlindlela    | >2015 | Bulk | 90 uPVC Class 12/16 Pipeline |
|                                  | Hlahlindlela    | >2015 | Bulk | Booster Pump                 |
|                                  | Hlahlindlela    | >2015 | Bulk | Pump station                 |
|                                  | Hlahlindlela    | >2015 | Bulk | Pump station                 |
|                                  | Hlahlindlela    | >2015 | Bulk | Res-Elev Tank                |
|                                  | Hlahlindlela    | >2015 | Bulk | Res-Elev Tank                |
|                                  | Hlahlindlela    | >2015 | Bulk | Res-Elev Tank                |
|                                  | Hlahlindlela    | >2015 | Bulk | Res-Elev Tank                |
|                                  | Hlahlindlela    | >2015 | Bulk | Res-New                      |
| Abaqulusi Municipality           | Hlahlindlela    | >2015 | Bulk | Res-New                      |
|                                  | Hlahlindlela    | >2015 | Bulk | Res-New                      |
|                                  | Hlahlindlela    | >2015 | Bulk | Res-New                      |
|                                  | Hlahlindlela    | >2015 | Bulk | Res-New                      |
|                                  | Hlahlindlela    | >2015 | Bulk | Res-New                      |

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                                                   |
|----------------------------------|-----------------|-------|-------|---------------------------------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION                                       |
|                                  | Hlahlindlela    | >2015 | Bulk  | Res-New                                           |
|                                  | Hlahlindlela    | >2015 | Bulk  | Res-New                                           |
|                                  | Hlahlindlela    | >2015 | Bulk  | Res-New                                           |
|                                  | Hlahlindlela    | >2015 | Bulk  | Rising Main                                       |
|                                  | Hlahlindlela    | >2015 | Bulk  | Rising Main                                       |
|                                  | Hlahlindlela    | >2015 | Bulk  | Rising Main from WTW to 5ML Res                   |
|                                  | Hlahlindlela    | >2015 | Retic | Emondlo Town                                      |
|                                  | Hlahlindlela    | >2015 | Retic | Madresi D2                                        |
|                                  | Hlahlindlela    | >2015 | Retic | Phembukthula                                      |
|                                  | Hlahlindlela    | >2015 | Retic | Engilandi                                         |
|                                  | Hlahlindlela    | >2015 | Retic | Zwelisha                                          |
|                                  | Hlahlindlela    | >2015 | Retic | Mabona                                            |
|                                  | Hlahlindlela    | >2015 | Retic | Mayshotshomba                                     |
|                                  | Hlahlindlela    | >2015 | Retic | Bhekumthetho 1                                    |
|                                  | Hlahlindlela    | >2015 | Retic | Mvuzini                                           |
|                                  | Hlahlindlela    | >2015 | Retic | Kwamachanca                                       |
|                                  | Hlahlindlela    | >2015 | Retic | Nceeni                                            |
|                                  | Hlahlindlela    | >2015 | Retic | Emadwaleni 1                                      |
|                                  | Hlahlindlela    | >2015 | Retic | Bhobozani                                         |
|                                  | Hlahlindlela    | >2015 | Retic | Mhlangeni                                         |
|                                  | Hlahlindlela    | >2015 | Retic | Mphezulu                                          |
|                                  | Hlahlindlela    | >2015 | Retic | St Paul                                           |
|                                  | Hlahlindlela    | >2015 | Retic | Amahlathi                                         |
|                                  | Hlahlindlela    | >2015 | Retic | Jojosini                                          |
|                                  | Hlahlindlela    | >2015 | Retic | Mvunjane Simashwini                               |
|                                  | Hlahlindlela    | >2015 | Retic | Ezibomvu                                          |
|                                  | Hlahlindlela    | >2015 | Retic | Esigodini                                         |
|                                  | Hlahlindlela    | >2015 | Retic | Qweqwe 1                                          |
|                                  | Hlahlindlela    | >2015 | Retic | Elosi                                             |
|                                  | Hlahlindlela    | >2015 | Retic | Sofaya                                            |
|                                  | Hlahlindlela    | >2015 | Retic | Mooiplaas                                         |
|                                  | Hlahlindlela    | >2015 | Retic | Purim                                             |
|                                  | Hlahlindlela    | >2015 | Retic | Enhlahleni                                        |
|                                  | Hlahlindlela    | >2015 | Retic | Mawombe                                           |
|                                  | Hlahlindlela    | >2015 | Retic | Ezingadini                                        |
|                                  | Hlahlindlela    | >2015 | Retic | Ezidulini                                         |
|                                  | Hlahlindlela    | >2015 | Retic | Mdundubenzi                                       |
|                                  | Hlahlindlela    | >2015 | Retic | Nhloshana                                         |
|                                  | Hlahlindlela    | >2015 | Retic | Ngonini                                           |
|                                  | Hlahlindlela    | >2015 | Retic | Khuthuza                                          |
|                                  | Hlahlindlela    | >2015 | Retic | Gwebu CPA (Kromellenboog)                         |
| Abaqulusi Municipality           | Hlahlindlela    | >2015 | Retic | Gwebu CPA (In Memorium)                           |
|                                  | Hlahlindlela    | >2015 | Retic | Gwebu CPA (Eerstepunt 46)                         |
|                                  | Hlahlindlela    | >2015 | Retic | Gwebu CPA (Rooikop 43)                            |
|                                  | Hlahlindlela    | >2015 | Retic | Gwebu CPA (A of Brakvlei 331)                     |
|                                  | Hlahlindlela    | >2015 | Retic | Ncengumusa                                        |
|                                  | Hlahlindlela    | >2015 | Retic | Driekwart                                         |
|                                  | Hlahlindlela    | >2015 | Retic | Ntababomvu                                        |
|                                  | Hlahlindlela    | >2015 | Retic | New                                               |
|                                  | Hlahlindlela    | >2015 | Retic | New                                               |
|                                  | Khambi          | 2011  | Bulk  | Break pressure tank                               |
|                                  | Khambi          | 2011  | Bulk  | Bulk Line to Cor Rising Main join                 |
|                                  | Khambi          | 2011  | Bulk  | Bulk Line to new 200KL Reservoir                  |
|                                  | Khambi          | 2011  | Bulk  | New Sec Bulk from                                 |
|                                  | Khambi          | 2011  | Bulk  | New Sec Bulk to Cibilili 200KL Res                |
|                                  | Khambi          | 2011  | Bulk  | New Sec Bulk to Cibilili 200KL Res                |
|                                  | Khambi          | 2011  | Bulk  | Pipeline from Coronation rising main to Esihl Res |
|                                  | Khambi          | 2011  | Bulk  | Res-2x30kl                                        |
|                                  | Khambi          | 2011  | Bulk  | Res-New                                           |
|                                  | Khambi          | 2011  | Retic | Hlazeneni                                         |
|                                  | Khambi          | 2011  | Retic | Vredehof (Kwaqazindoda)                           |
|                                  | Khambi          | 2011  | Retic | Masangweni                                        |
|                                  | Khambi          | 2012  | Bulk  | 110mm Pipeline                                    |

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                                               |
|----------------------------------|-----------------|-------|-------|-----------------------------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION                                   |
|                                  | Khambi          | 2012  | Bulk  | 90mm Pipeline                                 |
|                                  | Khambi          | 2012  | Retic | Ketango                                       |
|                                  | Khambi          | 2012  | Retic | Nsonyane                                      |
|                                  | Khambi          | 2012  | Retic | Mooiplaats                                    |
|                                  | Khambi          | 2012  | Retic | Mountain View                                 |
|                                  | Khambi          | 2012  | Retic | Uitkomst (Ukhukhanya)                         |
|                                  | Khambi          | 2013  | Bulk  | 90mm Pipeline                                 |
|                                  | Khambi          | 2013  | Bulk  | Rising Main                                   |
|                                  | Khambi          | 2013  | Retic | Enyathi                                       |
|                                  | Khambi          | 2014  | Bulk  | 4.5Ml reservoir                               |
|                                  | Khambi          | 2014  | Bulk  | Res-New                                       |
|                                  | Khambi          | 2014  | Bulk  | Rising Main                                   |
|                                  | Khambi          | 2014  | Bulk  | Rising Main                                   |
|                                  | Khambi          | 2015  | Bulk  | 200 uPVC Class 9 Pipeline                     |
|                                  | Khambi          | 2015  | Bulk  | 75mm Pipeline                                 |
|                                  | Khambi          | 2015  | Bulk  | Res-New                                       |
|                                  | Khambi          | 2015  | Bulk  | Rising Main                                   |
|                                  | Khambi          | 2015  | Bulk  | Rising Main                                   |
|                                  | Khambi          | 2015  | Retic | Ntendeka 3                                    |
|                                  | Khambi          | >2015 | Bulk  | Develop source                                |
|                                  | Khambi          | >2015 | Bulk  | Rising Main                                   |
|                                  | Khambi          | >2015 | Bulk  | Rising Main                                   |
|                                  | Khambi          | >2015 | Bulk  | Sec Bulk & Retics to Hlazen                   |
|                                  | Khambi          | >2015 | Retic | eMkhweni                                      |
| Abaqulusi Municipality           | Khambi          | >2015 | Retic | Weltevreden 2                                 |
|                                  | Khambi          | >2015 | Retic | New                                           |
|                                  | Khambi          | >2015 | Retic | Bethel (Mission)                              |
|                                  | Khambi          | >2015 | Retic | Bethel (Salema)                               |
|                                  | Khambi          | >2015 | Retic | Esihlengeni                                   |
|                                  | Khambi          | >2015 | Retic | Dlomdlomo 2                                   |
|                                  | Khambi          | >2015 | Retic | Tholakele                                     |
|                                  | Khambi          | >2015 | Retic | Ntabazelaga                                   |
|                                  | Khambi          | >2015 | Retic | Mahlabaneni                                   |
|                                  | Khambi          | >2015 | Retic | Mount Gwibi                                   |
|                                  | Khambi          | >2015 | Retic | Emsagweni                                     |
|                                  | Khambi          | >2015 | Retic | Boschoek                                      |
|                                  | Khambi          | >2015 | Retic | Mgobhozi (Boschoek)                           |
|                                  | Khambi          | >2015 | Retic | New                                           |
|                                  | Khambi          | >2015 | Retic | Kwakwavlei (Kwabhokhi)                        |
|                                  | Khambi          | >2015 | Retic | Kwandeni (East Mine)                          |
| eDumbe Municipality              | Coronation      | >2015 | Retic | Baqulusini 4                                  |
|                                  | Coronation      | >2015 | Retic | Mthingana                                     |
|                                  | Coronation      | >2015 | Retic | Mahloni                                       |
|                                  | Coronation      | >2015 | Retic | Palmietfontein (Rondspring 137, Kwambhedleni) |
|                                  | Coronation      | >2015 | Retic | Palmietfontein 5841(Mbhambazo)                |
|                                  | Coronation      | >2015 | Retic | Palmietfontein (Rondspring 137, Gezahlala)    |
|                                  | Coronation      | >2015 | Retic | Helpmekaar                                    |
|                                  | Coronation      | >2015 | Retic | Palmietfontein (Kwambilimbhaga)               |
|                                  | Coronation      | >2015 | Retic | Baqulusini 5                                  |
|                                  | Hlahlindlela    | >2015 | Retic | New                                           |
|                                  | Hlahlindlela    | >2015 | Retic | Gerust 361 (Matsheketseni)                    |
|                                  | Hlahlindlela    | >2015 | Retic | Khambula                                      |
|                                  | Hlahlindlela    | >2015 | Retic | Obivane 2                                     |
|                                  | Sim Central     | >2015 | Retic | Ntungweni                                     |
|                                  | Sim Central     | >2015 | Retic | Ntungweni                                     |
|                                  | Sim West        | 2011  | Retic | Blinkwater                                    |
|                                  | Sim West        | 2012  | Retic | Mqwanya                                       |
|                                  | Sim West        | 2013  | Bulk  | New Rising Main from WTW to Res               |
|                                  | Sim West        | 2013  | Bulk  | Pump station                                  |
|                                  | Sim West        | 2014  | Bulk  | 500kl reservoir                               |
|                                  | Sim West        | 2014  | Bulk  | New Rising Main from WTW to Res               |
|                                  | Sim West        | 2014  | Bulk  | Pump station                                  |
|                                  | Sim West        | 2015  | Bulk  | 5Ml reservoir                                 |



| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                                    |
|----------------------------------|-----------------|-------|-------|------------------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION                        |
|                                  | Sim West        | 2015  | Bulk  | Pump station                       |
|                                  | Sim West        | >2015 | Bulk  | 110 - Class 12 pipeline            |
|                                  | Sim West        | >2015 | Bulk  | 110 - Class 12 pipeline            |
|                                  | Sim West        | >2015 | Bulk  | 110 - Class 9 pipeline             |
|                                  | Sim West        | >2015 | Bulk  | 110 - Class 9 pipeline             |
|                                  | Sim West        | >2015 | Bulk  | 110 - Class 9 pipeline             |
|                                  | Sim West        | >2015 | Bulk  | 125mm - Class 12 Pipeline          |
| eDumbe Municipality              | Sim West        | >2015 | Bulk  | 125mm - Class 16 Pipeline          |
|                                  | Sim West        | >2015 | Bulk  | 125mm - Class 9 Pipeline           |
|                                  | Sim West        | >2015 | Bulk  | 125mm - Class 9 Pipeline           |
|                                  | Sim West        | >2015 | Bulk  | 125mm - Class 9 Pipeline           |
|                                  | Sim West        | >2015 | Bulk  | 160mm - Class 9 Pipeline           |
|                                  | Sim West        | >2015 | Bulk  | 200 DI pipeline                    |
|                                  | Sim West        | >2015 | Bulk  | 350 DI pipeline                    |
|                                  | Sim West        | >2015 | Bulk  | 400 Pipeline                       |
|                                  | Sim West        | >2015 | Bulk  | 50 HDPE Pipeline                   |
|                                  | Sim West        | >2015 | Bulk  | 50-PN8 Pipeline                    |
|                                  | Sim West        | >2015 | Bulk  | 63-PN10 Pipeline                   |
|                                  | Sim West        | >2015 | Bulk  | 63-PN16 Pipeline                   |
|                                  | Sim West        | >2015 | Bulk  | 75-PN10 Pipeline                   |
|                                  | Sim West        | >2015 | Bulk  | BPT-New                            |
|                                  | Sim West        | >2015 | Bulk  | BPT-New                            |
|                                  | Sim West        | >2015 | Bulk  | New Bulk Feed from Res to Frischg. |
|                                  | Sim West        | >2015 | Bulk  | PS-New                             |
|                                  | Sim West        | >2015 | Bulk  | Res-Future Storage                 |
|                                  | Sim West        | >2015 | Bulk  | Res-New                            |
|                                  | Sim West        | >2015 | Bulk  | Res-New                            |
|                                  | Sim West        | >2015 | Bulk  | Res-New                            |
|                                  | Sim West        | >2015 | Bulk  | Res-New                            |
|                                  | Sim West        | >2015 | Bulk  | Res-New                            |
|                                  | Sim West        | >2015 | Bulk  | Res-New                            |
|                                  | Sim West        | >2015 | Bulk  | Res-New                            |
|                                  | Sim West        | >2015 | Bulk  | Res-New                            |
|                                  | Sim West        | >2015 | Bulk  | Res-New                            |
|                                  | Sim West        | >2015 | Bulk  | Res-New                            |
|                                  | Sim West        | >2015 | Bulk  | Res-New                            |
|                                  | Sim West        | >2015 | Bulk  | Res-New                            |
|                                  | Sim West        | >2015 | Bulk  | Res-New                            |
|                                  | Sim West        | >2015 | Bulk  | Res-New                            |
|                                  | Sim West        | >2015 | Bulk  | Res-New                            |
|                                  | Sim West        | >2015 | Bulk  | Res-New                            |
|                                  | Sim West        | >2015 | Bulk  | Res-New                            |
|                                  | Sim West        | >2015 | Bulk  | Res-New Bulk                       |
|                                  | Sim West        | >2015 | Bulk  | Water Treatment Works upgrade      |
|                                  | Sim West        | >2015 | Retic | Tholakela                          |
|                                  | Sim West        | >2015 | Retic | New                                |
|                                  | Sim West        | >2015 | Retic | Enkembeni A                        |
|                                  | Sim West        | >2015 | Retic | Enkembeni B                        |
|                                  | Sim West        | >2015 | Retic | Enkembeni C                        |
|                                  | Sim West        | >2015 | Retic | Obishini                           |
| eDumbe Municipality              | Sim West        | >2015 | Retic | Emadulini                          |
|                                  | Sim West        | >2015 | Retic | Balmoral                           |
|                                  | Sim West        | >2015 | Retic | Mpundu                             |
|                                  | Sim West        | >2015 | Retic | Mahlosane                          |
|                                  | Sim West        | >2015 | Retic | Mphelanelaba                       |
|                                  | Sim West        | >2015 | Retic | Emakholweni 1                      |
|                                  | Sim West        | >2015 | Retic | Gedlase                            |
|                                  | Sim West        | >2015 | Retic | Maqulusini                         |
|                                  | Sim West        | >2015 | Retic | Gwebu 1                            |
|                                  | Sim West        | >2015 | Retic | Lujoiwana                          |

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                               |
|----------------------------------|-----------------|-------|-------|-------------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION                   |
|                                  | Sim West        | >2015 | Retic | Opuzane                       |
|                                  | Sim West        | >2015 | Retic | Pivaanspoort                  |
|                                  | Sim West        | >2015 | Retic | Ko Dlomo                      |
|                                  | Sim West        | >2015 | Retic | Obivane 1                     |
|                                  | Sim West        | >2015 | Retic | New                           |
|                                  | Sim West        | >2015 | Retic | Mthethwa Trust (Haasfontein)  |
|                                  | Sim West        | >2015 | Retic | Kwa Vova                      |
|                                  | Sim West        | >2015 | Retic | Ekhombela                     |
|                                  | Sim West        | >2015 | Retic | New                           |
|                                  | Sim West        | >2015 | Retic | Nkonkotho                     |
|                                  | Sim West        | >2015 | Retic | New                           |
|                                  | Sim West        | >2015 | Retic | Amberg (Rekwest 204)          |
|                                  | Sim West        | >2015 | Retic | New                           |
|                                  | Sim West        | >2015 | Retic | Ndabambi                      |
|                                  | Sim West        | >2015 | Retic | Bella Vista                   |
|                                  | Sim West        | >2015 | Retic | Boschkran                     |
|                                  | Sim West        | >2015 | Retic | Freiburg                      |
| Nongoma Municipality             | Mandhlakazi     | 2011  | Bulk  | Bulk Supply - Central Region  |
|                                  | Mandhlakazi     | 2011  | Bulk  | Bulk Supply - Central Region  |
|                                  | Mandhlakazi     | 2011  | Bulk  | Bulk Supply - Central Region  |
|                                  | Mandhlakazi     | 2011  | Bulk  | Bulk Supply - Central Region  |
|                                  | Mandhlakazi     | 2011  | Bulk  | Bulk Supply - Central Region  |
|                                  | Mandhlakazi     | 2011  | Bulk  | Bulk Supply - Southern Region |
|                                  | Mandhlakazi     | 2011  | Bulk  | Bulk Take-off to Res R10      |
|                                  | Mandhlakazi     | 2011  | Bulk  | Bulk Take-off to Res R10      |
|                                  | Mandhlakazi     | 2011  | Bulk  | Bulk Take-off to Res R11      |
|                                  | Mandhlakazi     | 2011  | Bulk  | Bulk Take-off to Res R9       |
|                                  | Mandhlakazi     | 2011  | Bulk  | Bulk Take-off to Res R9       |
|                                  | Mandhlakazi     | 2011  | Bulk  | Res R6                        |
|                                  | Mandhlakazi     | 2011  | Bulk  | Res R7                        |
|                                  | Mandhlakazi     | 2011  | Bulk  | Res R8                        |
|                                  | Mandhlakazi     | 2011  | Bulk  | Res R9                        |
|                                  | Mandhlakazi     | 2011  | Bulk  | Reservoir                     |
|                                  | Mandhlakazi     | 2011  | Bulk  | Reservoir                     |
|                                  | Mandhlakazi     | 2011  | Bulk  | Reservoir                     |
| Nongoma Municipality             | Mandhlakazi     | 2011  | Retic | Mhwanqa                       |
|                                  | Mandhlakazi     | 2011  | Retic | Ngoyi                         |
|                                  | Mandhlakazi     | 2011  | Retic | Ezulwini                      |
|                                  | Mandhlakazi     | 2011  | Retic | Zimbala                       |
|                                  | Mandhlakazi     | 2011  | Retic | Nsongweni                     |
|                                  | Mandhlakazi     | 2011  | Retic | Gagasa                        |
|                                  | Mandhlakazi     | 2011  | Retic | Eqhikizeni                    |
|                                  | Mandhlakazi     | 2011  | Retic | Nyathini                      |
|                                  | Mandhlakazi     | 2011  | Retic | Mthwandlana 1                 |
|                                  | Mandhlakazi     | 2011  | Retic | Khwabithe                     |
|                                  | Mandhlakazi     | 2011  | Retic | Mbangweni 1                   |
|                                  | Mandhlakazi     | 2011  | Retic | Shaya Moya                    |
|                                  | Mandhlakazi     | 2011  | Retic | Mthwandlana 2                 |
|                                  | Mandhlakazi     | 2011  | Retic | Maphondwane                   |
|                                  | Mandhlakazi     | 2011  | Retic | Mkhwezela                     |
|                                  | Mandhlakazi     | 2011  | Retic | Nhlisa                        |
|                                  | Mandhlakazi     | 2011  | Retic | Ndema                         |
|                                  | Mandhlakazi     | 2011  | Retic | Bombolo                       |
|                                  | Mandhlakazi     | 2011  | Retic | Nkwalini                      |
|                                  | Mandhlakazi     | 2011  | Retic | Kwabumba                      |
|                                  | Mandhlakazi     | 2011  | Retic | Ogagweni 1                    |
|                                  | Mandhlakazi     | 2011  | Retic | Ogagweni 2                    |
|                                  | Mandhlakazi     | 2011  | Retic | Mphelankani                   |
|                                  | Mandhlakazi     | 2011  | Retic | Thongathi                     |
|                                  | Mandhlakazi     | 2011  | Retic | Mfimfinyone                   |
|                                  | Mandhlakazi     | 2011  | Retic | Ebthuleni                     |
|                                  | Mandhlakazi     | 2011  | Retic | Sithangamini                  |

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |      |       |                                    |
|----------------------------------|-----------------|------|-------|------------------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR | TYPE  | DESCRIPTION                        |
| Nongoma Municipality             | Mandhlakazi     | 2011 | Retic | Zangoya                            |
|                                  | Mandhlakazi     | 2011 | Retic | Manqomfini                         |
|                                  | Mandhlakazi     | 2011 | Retic | Dongothule                         |
|                                  | Mandhlakazi     | 2011 | Retic | Makhcaneni                         |
|                                  | Mandhlakazi     | 2011 | Retic | Bhuku Elihambayo                   |
|                                  | Mandhlakazi     | 2011 | Retic | Mevamhlophe                        |
|                                  | Mandhlakazi     | 2011 | Retic | Odwaleni                           |
|                                  | Mandhlakazi     | 2012 | Bulk  | 90-PN20 Pipeline                   |
|                                  | Mandhlakazi     | 2012 | Bulk  | BULK RES 2                         |
|                                  | Mandhlakazi     | 2012 | Bulk  | Bulk Supply - Southern Region      |
|                                  | Mandhlakazi     | 2012 | Bulk  | Bulk Supply - Southern Region      |
|                                  | Mandhlakazi     | 2012 | Bulk  | Bulk Supply - Southern Region      |
|                                  | Mandhlakazi     | 2012 | Bulk  | Bulk Supply - Southern Region      |
|                                  | Mandhlakazi     | 2012 | Bulk  | Bulk Supply - Southern Region      |
|                                  | Mandhlakazi     | 2012 | Bulk  | Bulk Supply - Southern Region      |
|                                  | Mandhlakazi     | 2012 | Bulk  | Bulk Supply - Southern Region      |
|                                  | Mandhlakazi     | 2012 | Bulk  | Bulk Take-off to Res R13           |
|                                  | Mandhlakazi     | 2012 | Bulk  | Bulk Take-off to Res R13           |
|                                  | Mandhlakazi     | 2012 | Bulk  | Bulk Take-off to Res R14           |
|                                  | Mandhlakazi     | 2012 | Bulk  | Bulk Take-off to Res R25 (Hlabisa) |
|                                  | Mandhlakazi     | 2012 | Bulk  | Bulk Take-off to Res R32           |
|                                  | Mandhlakazi     | 2012 | Bulk  | Hlabisa PS                         |
|                                  | Mandhlakazi     | 2012 | Bulk  | Res R33                            |
|                                  | Mandhlakazi     | 2012 | Bulk  | Reservoir                          |
|                                  | Mandhlakazi     | 2012 | Bulk  | Reservoir                          |
|                                  | Mandhlakazi     | 2012 | Bulk  | Reservoir                          |
|                                  | Mandhlakazi     | 2012 | Bulk  | Reservoir                          |
|                                  | Mandhlakazi     | 2012 | Retic | Zidwadweni                         |
|                                  | Mandhlakazi     | 2012 | Retic | Mbembe                             |
|                                  | Mandhlakazi     | 2012 | Retic | Gwebu 2                            |
|                                  | Mandhlakazi     | 2012 | Retic | Gwebu 3                            |
|                                  | Mandhlakazi     | 2012 | Retic | Sinkonkonko                        |
|                                  | Mandhlakazi     | 2012 | Retic | Gwebu 4                            |
|                                  | Mandhlakazi     | 2012 | Retic | Mphola                             |
|                                  | Mandhlakazi     | 2012 | Retic | Wela 2                             |
|                                  | Mandhlakazi     | 2012 | Retic | Vukani                             |
|                                  | Mandhlakazi     | 2012 | Retic | Qwasimane                          |
|                                  | Mandhlakazi     | 2012 | Retic | Dengeni                            |
|                                  | Mandhlakazi     | 2012 | Retic | Kwambongi                          |
|                                  | Mandhlakazi     | 2012 | Retic | Buxedene                           |
|                                  | Mandhlakazi     | 2012 | Retic | Khamangweni                        |
|                                  | Mandhlakazi     | 2012 | Retic | Kwashonongo                        |
|                                  | Mandhlakazi     | 2012 | Retic | Esikhalenisowuwa                   |
|                                  | Mandhlakazi     | 2013 | Bulk  | 150mm - DI Pipeline                |
|                                  | Mandhlakazi     | 2013 | Bulk  | 160mm - Class 12 Pipeline          |
|                                  | Mandhlakazi     | 2013 | Bulk  | 160mm - Class 12 Pipeline          |
|                                  | Mandhlakazi     | 2013 | Bulk  | 160mm - Class 16 Pipeline          |
|                                  | Mandhlakazi     | 2013 | Bulk  | Reservoir                          |
|                                  | Mandhlakazi     | 2013 | Bulk  | Reservoir                          |
|                                  | Mandhlakazi     | 2013 | Retic | Gega                               |
|                                  | Mandhlakazi     | 2013 | Retic | Mngamunde                          |
|                                  | Mandhlakazi     | 2013 | Retic | Mtengase                           |
|                                  | Mandhlakazi     | 2013 | Retic | Shalasha                           |
|                                  | Mandhlakazi     | 2013 | Retic | Kolubomvu 1                        |
|                                  | Mandhlakazi     | 2013 | Retic | Kwajuba                            |
|                                  | Mandhlakazi     | 2013 | Retic | Mahlomane                          |
|                                  | Mandhlakazi     | 2013 | Retic | Mthonjaneni                        |
|                                  | Mandhlakazi     | 2013 | Retic | Magendene                          |
|                                  | Mandhlakazi     | 2014 | Retic | Mapambeni                          |
|                                  | Mandhlakazi     | 2014 | Retic | Dlakuse                            |
|                                  | Mandhlakazi     | 2014 | Retic | Emathlomane                        |
|                                  | Mandhlakazi     | 2014 | Retic | Esigodiphola 1                     |
|                                  | Mandhlakazi     | 2014 | Retic | Mgxanyini                          |

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                         |
|----------------------------------|-----------------|-------|-------|-------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION             |
| Nongoma Municipality             | Mandhlakazi     | 2014  | Retic | Mduda                   |
|                                  | Mandhlakazi     | 2014  | Retic | Njonyomane              |
|                                  | Mandhlakazi     | 2014  | Retic | Sovana                  |
|                                  | Mandhlakazi     | 2014  | Retic | Macijo                  |
|                                  | Mandhlakazi     | 2014  | Retic | Kolubomvu 2             |
|                                  | Mandhlakazi     | 2014  | Retic | Machibini               |
|                                  | Mandhlakazi     | 2014  | Retic | Vesonweni               |
|                                  | Mandhlakazi     | 2015  | Bulk  | 63 HDPE Pipeline        |
|                                  | Mandhlakazi     | 2015  | Bulk  | 75 HDPE Pipeline        |
|                                  | Mandhlakazi     | 2015  | Bulk  | RES B                   |
|                                  | Mandhlakazi     | 2015  | Bulk  | RES D                   |
|                                  | Mandhlakazi     | 2015  | Retic | Kwagongolozane          |
|                                  | Mandhlakazi     | 2015  | Retic | Hlushwaneni             |
|                                  | Mandhlakazi     | 2015  | Retic | Esikuthwaneni           |
|                                  | Mandhlakazi     | 2015  | Retic | Okhalweni 2             |
|                                  | Mandhlakazi     | 2015  | Retic | Esqelwini               |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 - Class 12 pipeline |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 - Class 12 pipeline |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 - Class 12 pipeline |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 - Class 12 pipeline |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 - Class 12 pipeline |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 - Class 12 pipeline |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 - Class 12 pipeline |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 - Class 16 pipeline |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 - Class 16 pipeline |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 - Class 16 pipeline |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 - Class 6 pipeline  |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 - Class 6 pipeline  |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 - Class 9 pipeline  |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 - Class 9 pipeline  |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 uPVC Pipeline       |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 uPVC Pipeline       |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 uPVC Pipeline       |
|                                  | Mandhlakazi     | >2015 | Bulk  | 110 uPVC Pipeline       |
|                                  | Mandhlakazi     | >2015 | Bulk  | BULK RES 4              |
|                                  | Mandhlakazi     | >2015 | Bulk  | RES R                   |
|                                  | Mandhlakazi     | >2015 | Bulk  | Res13                   |
|                                  | Mandhlakazi     | >2015 | Bulk  | Res6                    |
|                                  | Mandhlakazi     | >2015 | Bulk  | Res7                    |
|                                  | Mandhlakazi     | >2015 | Bulk  | Res8                    |
|                                  | Mandhlakazi     | >2015 | Bulk  | Res9                    |
|                                  | Mandhlakazi     | >2015 | Bulk  | Reservoir               |
|                                  | Mandhlakazi     | >2015 | Bulk  | Reservoir               |
|                                  | Mandhlakazi     | >2015 | Bulk  | Reservoir               |
|                                  | Mandhlakazi     | >2015 | Bulk  | Reservoir               |
|                                  | Mandhlakazi     | >2015 | Retic | Mlazi                   |
|                                  | Mandhlakazi     | >2015 | Retic | Mpondo                  |
|                                  | Mandhlakazi     | >2015 | Retic | Mhlanjeni               |
| Nongoma Municipality             | Mandhlakazi     | >2015 | Retic | Madulaleni              |
|                                  | Mandhlakazi     | >2015 | Retic | Mkhuze 1                |
|                                  | Mandhlakazi     | >2015 | Retic | Embangweni 1            |
|                                  | Mandhlakazi     | >2015 | Retic | Emakhalantombi          |
|                                  | Mandhlakazi     | >2015 | Retic | Ngoyeni                 |
|                                  | Mandhlakazi     | >2015 | Retic | Ntweni                  |
|                                  | Mandhlakazi     | >2015 | Retic | Nzondwane               |
|                                  | Mandhlakazi     | >2015 | Retic | Ubani                   |
|                                  | Mandhlakazi     | >2015 | Retic | Manyoni 2               |
|                                  | Mandhlakazi     | >2015 | Retic | Sekane                  |
|                                  | Mandhlakazi     | >2015 | Retic | Siwela                  |
|                                  | Mandhlakazi     | >2015 | Retic | Mntwanontengayo         |
|                                  | Mandhlakazi     | >2015 | Retic | Qondile 2               |
|                                  | Mandhlakazi     | >2015 | Retic | Mlane                   |
|                                  | Mandhlakazi     | >2015 | Retic | Qanda 1                 |



| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                     |
|----------------------------------|-----------------|-------|-------|---------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION         |
|                                  | Mandhlakazi     | >2015 | Retic | Mkabane             |
|                                  | Mandhlakazi     | >2015 | Retic | Kwampaza            |
|                                  | Mandhlakazi     | >2015 | Retic | Ezibomvini          |
|                                  | Mandhlakazi     | >2015 | Retic | Khenani             |
|                                  | Mandhlakazi     | >2015 | Retic | Dushwini            |
|                                  | Mandhlakazi     | >2015 | Retic | Esiphambeneni       |
|                                  | Mandhlakazi     | >2015 | Retic | Esigodiphola 2      |
|                                  | Mandhlakazi     | >2015 | Retic | Ekubungazeleni      |
|                                  | Mandhlakazi     | >2015 | Retic | Manqushaneni        |
|                                  | Mandhlakazi     | >2015 | Retic | Cabowakhe           |
|                                  | Mandhlakazi     | >2015 | Retic | Phumanyova          |
|                                  | Mandhlakazi     | >2015 | Retic | Msebe               |
|                                  | Mandhlakazi     | >2015 | Retic | Isibonela           |
|                                  | Mandhlakazi     | >2015 | Retic | Khokhwanweni        |
|                                  | Mandhlakazi     | >2015 | Retic | Maggelweni          |
|                                  | Mandhlakazi     | >2015 | Retic | Sibanyaneni         |
|                                  | Mandhlakazi     | >2015 | Retic | Vusu Musi           |
|                                  | Mandhlakazi     | >2015 | Retic | Ngangayiphi         |
|                                  | Mandhlakazi     | >2015 | Retic | Kati                |
|                                  | Mandhlakazi     | >2015 | Retic | Kwankweme           |
|                                  | Mandhlakazi     | >2015 | Retic | Esixeni             |
|                                  | Mandhlakazi     | >2015 | Retic | Maswazini           |
|                                  | Mandhlakazi     | >2015 | Retic | Cisho               |
|                                  | Mandhlakazi     | >2015 | Retic | Ntenjane            |
|                                  | Mandhlakazi     | >2015 | Retic | Dungamanzi 1        |
|                                  | Mandhlakazi     | >2015 | Retic | Mpuqwini            |
|                                  | Mandhlakazi     | >2015 | Retic | Manganeni           |
|                                  | Mandhlakazi     | >2015 | Retic | Nkungwini           |
|                                  | Mandhlakazi     | >2015 | Retic | Chinamorgan         |
|                                  | Mandhlakazi     | >2015 | Retic | Mgolokotho          |
|                                  | Mandhlakazi     | >2015 | Retic | Bhidi               |
| Nongoma Municipality             | Mandhlakazi     | >2015 | Retic | Nkonjeni            |
|                                  | Mandhlakazi     | >2015 | Retic | Ncemaneni           |
|                                  | Mandhlakazi     | >2015 | Retic | Hawini              |
|                                  | Mandhlakazi     | >2015 | Retic | Mavulazi            |
|                                  | Mandhlakazi     | >2015 | Retic | Bhekumthetho 2      |
|                                  | Mandhlakazi     | >2015 | Retic | Magomba             |
|                                  | Mandhlakazi     | >2015 | Retic | Ezingweni           |
|                                  | Mandhlakazi     | >2015 | Retic | Qondile 1           |
|                                  | Mandhlakazi     | >2015 | Retic | Maceneni            |
|                                  | Mandhlakazi     | >2015 | Retic | Nanqanyini          |
|                                  | Mandhlakazi     | >2015 | Retic | Gagasini            |
|                                  | Mandhlakazi     | >2015 | Retic | Maqhineni           |
|                                  | Mandhlakazi     | >2015 | Retic | Number7             |
|                                  | Mandhlakazi     | >2015 | Retic | Ezinhlaleni         |
|                                  | Mandhlakazi     | >2015 | Retic | Emagqebeni (Mlaza)  |
|                                  | Mandhlakazi     | >2015 | Retic | Domba               |
|                                  | Mandhlakazi     | >2015 | Retic | Umlazi              |
|                                  | Mandhlakazi     | >2015 | Retic | Ezikleleni          |
|                                  | Mandhlakazi     | >2015 | Retic | Mzini Enzondwane    |
|                                  | Mandhlakazi     | >2015 | Retic | Emnzine             |
|                                  | Mandhlakazi     | >2015 | Retic | Ndimhlana           |
|                                  | Mandhlakazi     | >2015 | Retic | Fakude              |
|                                  | Mandhlakazi     | >2015 | Retic | Toyisa Langalesizwe |
|                                  | Mandhlakazi     | >2015 | Retic | Esheshi             |
|                                  | Mandhlakazi     | >2015 | Retic | Mpuphusi            |
|                                  | Mandhlakazi     | >2015 | Retic | Banbelentulo        |
|                                  | Mandhlakazi     | >2015 | Retic | Maduma              |
|                                  | Mandhlakazi     | >2015 | Retic | Hlabathini 1        |
|                                  | Mandhlakazi     | >2015 | Retic | Manqanyini          |
|                                  | Mandhlakazi     | >2015 | Retic | Vumbuka             |
|                                  | Mandhlakazi     | >2015 | Retic | Meyame              |
|                                  | Mandhlakazi     | >2015 | Retic | Zibusele            |

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                                        |
|----------------------------------|-----------------|-------|-------|----------------------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION                            |
|                                  | Mandhlakazi     | >2015 | Retic | Zikaniphela                            |
|                                  | Mandhlakazi     | >2015 | Retic | Enkanyezini                            |
|                                  | Mandhlakazi     | >2015 | Retic | Nhlelela                               |
|                                  | Mandhlakazi     | >2015 | Retic | Ophaphasi                              |
|                                  | Mandhlakazi     | >2015 | Retic | Emphilweni                             |
|                                  | Mandhlakazi     | >2015 | Retic | New Town                               |
|                                  | Mandhlakazi     | >2015 | Retic | Egudu                                  |
|                                  | Mandhlakazi     | >2015 | Retic | Ovukneni                               |
|                                  | Mandhlakazi     | >2015 | Retic | Khethankomo                            |
|                                  | Mandhlakazi     | >2015 | Retic | Mthincongo                             |
|                                  | Mandhlakazi     | >2015 | Retic | Sinqande                               |
|                                  | Usuthu          | 2011  | Bulk  | Gravity Line between Res A12 & A13     |
|                                  | Usuthu          | 2011  | Bulk  | 110 - Class 12 pipeline                |
| Nongoma Municipality             | Usuthu          | 2011  | Bulk  | 160mm - Class 12 Pipeline              |
|                                  | Usuthu          | 2011  | Bulk  | 160mm - Class 16 Pipeline              |
|                                  | Usuthu          | 2011  | Bulk  | 160mm - Class 20 Pipeline              |
|                                  | Usuthu          | 2011  | Bulk  | 160mm - Class 9 Pipeline               |
|                                  | Usuthu          | 2011  | Bulk  | 75-PN12.5 Pipeline                     |
|                                  | Usuthu          | 2011  | Bulk  | 75-PN12.5 Pipeline                     |
|                                  | Usuthu          | 2011  | Bulk  | 75-PN12.5 Pipeline                     |
|                                  | Usuthu          | 2011  | Bulk  | 75-PN12.5 Pipeline                     |
|                                  | Usuthu          | 2011  | Bulk  | 75-PN12.5 Pipeline                     |
|                                  | Usuthu          | 2011  | Bulk  | 75-PN12.5 Pipeline                     |
|                                  | Usuthu          | 2011  | Bulk  | 75-PN12.5 Pipeline                     |
|                                  | Usuthu          | 2011  | Bulk  | 75-PN12.5 Pipeline                     |
|                                  | Usuthu          | 2011  | Bulk  | 75-PN12.5 Pipeline                     |
|                                  | Usuthu          | 2011  | Bulk  | 75-PN16 Pipeline                       |
|                                  | Usuthu          | 2011  | Bulk  | Break pressure tank                    |
|                                  | Usuthu          | 2011  | Bulk  | Break pressure tank                    |
|                                  | Usuthu          | 2011  | Bulk  | Break pressure tank                    |
|                                  | Usuthu          | 2011  | Bulk  | Break pressure tank                    |
|                                  | Usuthu          | 2011  | Bulk  | Future Res                             |
|                                  | Usuthu          | 2011  | Bulk  | Gravity Line between Res A11 & A12     |
|                                  | Usuthu          | 2011  | Bulk  | Gravity Line between Res A13 & A14     |
|                                  | Usuthu          | 2011  | Bulk  | Gravity Line to Res A11 - A15          |
|                                  | Usuthu          | 2011  | Bulk  | Gravity Line to Res A8 - A15           |
|                                  | Usuthu          | 2011  | Bulk  | Res A11                                |
|                                  | Usuthu          | 2011  | Bulk  | Res A12                                |
|                                  | Usuthu          | 2011  | Bulk  | Res A13                                |
|                                  | Usuthu          | 2011  | Bulk  | Res A13 take-off                       |
|                                  | Usuthu          | 2011  | Bulk  | Res A14                                |
|                                  | Usuthu          | 2011  | Bulk  | Res A14 take-off                       |
|                                  | Usuthu          | 2011  | Bulk  | Res R10                                |
|                                  | Usuthu          | 2011  | Bulk  | Res R11                                |
|                                  | Usuthu          | 2011  | Bulk  | Res R12 - Hlabisa                      |
|                                  | Usuthu          | 2011  | Bulk  | Res R5                                 |
|                                  | Usuthu          | 2011  | Bulk  | Rising Main from WTW to Res M take-off |
|                                  | Usuthu          | 2011  | Bulk  | Rising Main from WTW to Res M take-off |
|                                  | Usuthu          | 2011  | Bulk  | Take-off to Res A11                    |
|                                  | Usuthu          | 2011  | Bulk  | Take-off to Res A12                    |
|                                  | Usuthu          | 2011  | Retic | Kwa Ntanzu                             |
|                                  | Usuthu          | 2012  | Bulk  | Take-off to Res A9                     |
|                                  | Usuthu          | 2012  | Bulk  | 150mm - DI Pipeline                    |
|                                  | Usuthu          | 2012  | Bulk  | 160mm - Class 20 Pipeline              |
|                                  | Usuthu          | 2012  | Bulk  | 350 HDPE Pipeline                      |
|                                  | Usuthu          | 2012  | Bulk  | 50-PN10 Pipeline                       |
|                                  | Usuthu          | 2012  | Bulk  | 50-PN10 Pipeline                       |
|                                  | Usuthu          | 2012  | Bulk  | 63-PN10 Pipeline                       |
|                                  | Usuthu          | 2012  | Bulk  | 63-PN10 Pipeline                       |
|                                  | Usuthu          | 2012  | Bulk  | 63-PN10 Pipeline                       |
| Nongoma Municipality             | Usuthu          | 2012  | Bulk  | 75-PN10 Pipeline                       |
|                                  | Usuthu          | 2012  | Bulk  | Bal. Tank                              |
|                                  | Usuthu          | 2012  | Bulk  | Booster PS                             |

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |      |       |                                               |
|----------------------------------|-----------------|------|-------|-----------------------------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR | TYPE  | DESCRIPTION                                   |
|                                  | Usuthu          | 2012 | Bulk  | Break pressure tank                           |
|                                  | Usuthu          | 2012 | Bulk  | Break pressure tank                           |
|                                  | Usuthu          | 2012 | Bulk  | Break pressure tank                           |
|                                  | Usuthu          | 2012 | Bulk  | Gravity Line between Res A10 & A9             |
|                                  | Usuthu          | 2012 | Bulk  | Gravity Line to Res A15                       |
|                                  | Usuthu          | 2012 | Bulk  | Gravity Line to Res A8 - A10                  |
|                                  | Usuthu          | 2012 | Bulk  | Res A10                                       |
|                                  | Usuthu          | 2012 | Bulk  | Res A15                                       |
|                                  | Usuthu          | 2012 | Bulk  | Res A9                                        |
|                                  | Usuthu          | 2012 | Bulk  | Res R13                                       |
|                                  | Usuthu          | 2012 | Bulk  | Res R14                                       |
|                                  | Usuthu          | 2012 | Bulk  | Res R25 - Hlab South                          |
|                                  | Usuthu          | 2012 | Bulk  | Res R32                                       |
|                                  | Usuthu          | 2012 | Bulk  | Rising Main from Res M take-off to Vuna WTW   |
|                                  | Usuthu          | 2012 | Bulk  | Rising Main from WTW to Res M take-off        |
|                                  | Usuthu          | 2012 | Bulk  | Take-off to Res A10                           |
|                                  | Usuthu          | 2012 | Retic | Esidakeni 1                                   |
|                                  | Usuthu          | 2012 | Retic | Ngwabe                                        |
|                                  | Usuthu          | 2012 | Retic | Esigogobeni                                   |
|                                  | Usuthu          | 2012 | Retic | Dum-Dum                                       |
|                                  | Usuthu          | 2012 | Retic | Nzama                                         |
|                                  | Usuthu          | 2012 | Retic | Kohllokolo                                    |
|                                  | Usuthu          | 2012 | Retic | Kwavumela                                     |
|                                  | Usuthu          | 2012 | Retic | Masokaneni                                    |
|                                  | Usuthu          | 2013 | Bulk  | 160mm - Class 20 Pipeline                     |
|                                  | Usuthu          | 2013 | Bulk  | 160mm - Class 20 Pipeline                     |
|                                  | Usuthu          | 2013 | Bulk  | 160mm - Class 20 Pipeline                     |
|                                  | Usuthu          | 2013 | Bulk  | 160mm - Class 9 Pipeline                      |
|                                  | Usuthu          | 2013 | Bulk  | 160mm uPVC Pipeline                           |
|                                  | Usuthu          | 2013 | Bulk  | 160mm uPVC Pipeline                           |
|                                  | Usuthu          | 2013 | Bulk  | 160mm uPVC Pipeline                           |
|                                  | Usuthu          | 2013 | Bulk  | 75-PN16 Pipeline                              |
|                                  | Usuthu          | 2013 | Bulk  | 90 uPVC Pipeline                              |
|                                  | Usuthu          | 2013 | Bulk  | 90-PN20 Pipeline                              |
|                                  | Usuthu          | 2013 | Bulk  | G01                                           |
|                                  | Usuthu          | 2013 | Bulk  | Gravity Line between Res A9 & A8              |
|                                  | Usuthu          | 2013 | Bulk  | Gravity Line from Res A8 to Res A6 Connection |
|                                  | Usuthu          | 2013 | Bulk  | PS1 - Holinyoka                               |
|                                  | Usuthu          | 2013 | Bulk  | RES A                                         |
|                                  | Usuthu          | 2013 | Bulk  | Res A8                                        |
|                                  | Usuthu          | 2013 | Bulk  | RES F                                         |
|                                  | Usuthu          | 2013 | Bulk  | Reservoir                                     |
|                                  | Usuthu          | 2013 | Bulk  | Reservoir                                     |
| Nongoma Municipality             | Usuthu          | 2013 | Bulk  | Reservoir                                     |
|                                  | Usuthu          | 2013 | Bulk  | Rising Main from Res M take-off to Vuna WTW   |
|                                  | Usuthu          | 2013 | Bulk  | Rising Main from Vuna WTW to Holinyoka PS1    |
|                                  | Usuthu          | 2013 | Bulk  | Rising Main from Vuna WTW to Holinyoka PS1    |
|                                  | Usuthu          | 2013 | Bulk  | Take-off to Res A8                            |
|                                  | Usuthu          | 2013 | Retic | Emgodi 2                                      |
|                                  | Usuthu          | 2013 | Retic | Kwankulu                                      |
|                                  | Usuthu          | 2013 | Retic | Hlambanyathi 1                                |
|                                  | Usuthu          | 2013 | Retic | Ingundwane                                    |
|                                  | Usuthu          | 2013 | Retic | KwaLuphonjwana                                |
|                                  | Usuthu          | 2013 | Retic | Isizinda B                                    |
|                                  | Usuthu          | 2013 | Retic | Manhlanhle                                    |
|                                  | Usuthu          | 2013 | Retic | Emgodi 1                                      |
|                                  | Usuthu          | 2013 | Retic | Delene (KwaMinya)                             |
|                                  | Usuthu          | 2013 | Retic | Emvomveni                                     |
|                                  | Usuthu          | 2013 | Retic | Sgodiphola                                    |
|                                  | Usuthu          | 2013 | Retic | Sigangeni                                     |
|                                  | Usuthu          | 2013 | Retic | Lindizwe                                      |
|                                  | Usuthu          | 2013 | Retic | Ziphethe                                      |
|                                  | Usuthu          | 2013 | Retic | Holoba                                        |

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                                                |
|----------------------------------|-----------------|-------|-------|------------------------------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION                                    |
|                                  | Usuthu          | 2013  | Retic | Mcwembe                                        |
|                                  | Usuthu          | 2013  | Retic | Nhlophenkulu                                   |
|                                  | Usuthu          | 2013  | Retic | Ethokoza                                       |
|                                  | Usuthu          | 2013  | Retic | Kwasabela                                      |
|                                  | Usuthu          | 2013  | Retic | Canaan                                         |
|                                  | Usuthu          | 2014  | Bulk  | Bulk Res M                                     |
|                                  | Usuthu          | 2014  | Bulk  | Bulk take-off to Res M                         |
|                                  | Usuthu          | 2014  | Bulk  | Bulk take-off to Res M                         |
|                                  | Usuthu          | 2014  | Bulk  | G01                                            |
|                                  | Usuthu          | 2014  | Bulk  | PS2 - Lindizwe                                 |
|                                  | Usuthu          | 2014  | Bulk  | Rising Main between PS1 & PS2                  |
|                                  | Usuthu          | 2014  | Bulk  | Rising Main from Lindizwe PS2 to Bulk Res G    |
|                                  | Usuthu          | 2014  | Bulk  | Water Treatment Works upgrade                  |
|                                  | Usuthu          | 2014  | Bulk  | Weir                                           |
|                                  | Usuthu          | 2014  | Retic | Matshempunzi                                   |
|                                  | Usuthu          | 2014  | Retic | Ekubuseni                                      |
|                                  | Usuthu          | 2014  | Retic | Gomondo                                        |
|                                  | Usuthu          | 2014  | Retic | Ezilonyeni                                     |
|                                  | Usuthu          | 2014  | Retic | Ivuna                                          |
|                                  | Usuthu          | 2014  | Retic | Esigangeni 1                                   |
|                                  | Usuthu          | 2014  | Retic | Emahlombe                                      |
|                                  | Usuthu          | 2014  | Retic | Kwandase                                       |
|                                  | Usuthu          | 2014  | Retic | Itshodo                                        |
|                                  | Usuthu          | 2014  | Retic | Khalweni                                       |
|                                  | Usuthu          | 2014  | Retic | Newgoli                                        |
|                                  | Usuthu          | 2014  | Retic | Badlaneni                                      |
| Nongoma Municipality             | Usuthu          | 2015  | Bulk  | Gravity Line between Res A1 & Res A2 take-off  |
|                                  | Usuthu          | 2015  | Bulk  | Gravity Line between Res A2 & Res A3 take-offs |
|                                  | Usuthu          | 2015  | Bulk  | Gravity Line between Res A3 & A4 take-offs     |
|                                  | Usuthu          | 2015  | Bulk  | Gravity Line from Res A4 take-off to Res A5    |
|                                  | Usuthu          | 2015  | Bulk  | PS H1                                          |
|                                  | Usuthu          | 2015  | Bulk  | PS H2                                          |
|                                  | Usuthu          | 2015  | Bulk  | PS H3                                          |
|                                  | Usuthu          | 2015  | Bulk  | Res A1                                         |
|                                  | Usuthu          | 2015  | Bulk  | Res A1 take-off                                |
|                                  | Usuthu          | 2015  | Bulk  | Res A2                                         |
|                                  | Usuthu          | 2015  | Bulk  | Res A2 take-off                                |
|                                  | Usuthu          | 2015  | Bulk  | Res A3                                         |
|                                  | Usuthu          | 2015  | Bulk  | Res A3 take-off                                |
|                                  | Usuthu          | 2015  | Bulk  | Res A4                                         |
|                                  | Usuthu          | 2015  | Bulk  | Res A4 take-off                                |
|                                  | Usuthu          | 2015  | Bulk  | Res A5                                         |
|                                  | Usuthu          | 2015  | Bulk  | Rising Main between PS H1 & H2                 |
|                                  | Usuthu          | 2015  | Bulk  | Rising Main between PS H2 & H3                 |
|                                  | Usuthu          | 2015  | Bulk  | Rising Main between PS H3 & Res A1             |
|                                  | Usuthu          | 2015  | Bulk  | Rising Main from Res A take-off to PS H1       |
|                                  | Usuthu          | 2015  | Retic | Ingoqongo                                      |
|                                  | Usuthu          | 2015  | Retic | Ndindindi                                      |
|                                  | Usuthu          | 2015  | Retic | Usuthu                                         |
|                                  | Usuthu          | >2015 | Bulk  | 110mm Pipeline                                 |
|                                  | Usuthu          | >2015 | Bulk  | 110mm Pipeline                                 |
|                                  | Usuthu          | >2015 | Bulk  | 110mm Pipeline                                 |
|                                  | Usuthu          | >2015 | Bulk  | 110mm Pipeline                                 |
|                                  | Usuthu          | >2015 | Bulk  | 110mm Pipeline                                 |
|                                  | Usuthu          | >2015 | Bulk  | 110mm Pipeline                                 |
|                                  | Usuthu          | >2015 | Bulk  | 150mm - DI Pipeline                            |
|                                  | Usuthu          | >2015 | Bulk  | 160mm - Class 12 Pipeline                      |
|                                  | Usuthu          | >2015 | Bulk  | 160mm - Class 16 Pipeline                      |
|                                  | Usuthu          | >2015 | Bulk  | 160mm - Class 6 Pipeline                       |
|                                  | Usuthu          | >2015 | Bulk  | 160mm - Class 9 Pipeline                       |
|                                  | Usuthu          | >2015 | Bulk  | 160mm Pipeline                                 |
|                                  | Usuthu          | >2015 | Bulk  | 160mm Pipeline                                 |
|                                  | Usuthu          | >2015 | Bulk  | 160mm Pipeline                                 |

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| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |      |                     |
|----------------------------------|-----------------|-------|------|---------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE | DESCRIPTION         |
|                                  | Usuthu          | >2015 | Bulk | 75-PN16 Pipeline    |
|                                  | Usuthu          | >2015 | Bulk | 75-PN16 Pipeline    |
|                                  | Usuthu          | >2015 | Bulk | 75-PN16 Pipeline    |
|                                  | Usuthu          | >2015 | Bulk | 75-PN16 Pipeline    |
|                                  | Usuthu          | >2015 | Bulk | 75-PN16 Pipeline    |
|                                  | Usuthu          | >2015 | Bulk | 75-PN8 Pipeline     |
|                                  | Usuthu          | >2015 | Bulk | 90 uPVC Pipeline    |
|                                  | Usuthu          | >2015 | Bulk | 90 uPVC Pipeline    |
|                                  | Usuthu          | >2015 | Bulk | 90mm Pipeline       |
|                                  | Usuthu          | >2015 | Bulk | 90mm Pipeline       |
|                                  | Usuthu          | >2015 | Bulk | 90mm Pipeline       |
|                                  | Usuthu          | >2015 | Bulk | 90mm Pipeline       |
|                                  | Usuthu          | >2015 | Bulk | 90mm Pipeline       |
|                                  | Usuthu          | >2015 | Bulk | BPT H1              |
|                                  | Usuthu          | >2015 | Bulk | BPT H2              |
|                                  | Usuthu          | >2015 | Bulk | BPT H3              |
|                                  | Usuthu          | >2015 | Bulk | BPT H4              |
|                                  | Usuthu          | >2015 | Bulk | BPT H5              |
|                                  | Usuthu          | >2015 | Bulk | BPT H6              |
|                                  | Usuthu          | >2015 | Bulk | Break pressure tank |
|                                  | Usuthu          | >2015 | Bulk | Break pressure tank |
|                                  | Usuthu          | >2015 | Bulk | Break pressure tank |
|                                  | Usuthu          | >2015 | Bulk | Break pressure tank |
|                                  | Usuthu          | >2015 | Bulk | Break pressure tank |
|                                  | Usuthu          | >2015 | Bulk | Break pressure tank |
|                                  | Usuthu          | >2015 | Bulk | Break pressure tank |
|                                  | Usuthu          | >2015 | Bulk | Bulk Res C          |
|                                  | Usuthu          | >2015 | Bulk | Bulk Res F          |
|                                  | Usuthu          | >2015 | Bulk | Bulk Res H          |
|                                  | Usuthu          | >2015 | Bulk | Bulk Res J          |
|                                  | Usuthu          | >2015 | Bulk | Dam-New             |
|                                  | Usuthu          | >2015 | Bulk | PS 1                |
|                                  | Usuthu          | >2015 | Bulk | PS2                 |
|                                  | Usuthu          | >2015 | Bulk | PS3                 |
|                                  | Usuthu          | >2015 | Bulk | PS4                 |
|                                  | Usuthu          | >2015 | Bulk | Res A6              |
|                                  | Usuthu          | >2015 | Bulk | Res A7              |
|                                  | Usuthu          | >2015 | Bulk | RES AC              |
|                                  | Usuthu          | >2015 | Bulk | Res B1              |
| Nongoma Municipality             | Usuthu          | >2015 | Bulk | Res B2              |
|                                  | Usuthu          | >2015 | Bulk | Res B3              |
|                                  | Usuthu          | >2015 | Bulk | Res B4              |
|                                  | Usuthu          | >2015 | Bulk | Res B5              |
|                                  | Usuthu          | >2015 | Bulk | Res B6              |
|                                  | Usuthu          | >2015 | Bulk | RES E               |
|                                  | Usuthu          | >2015 | Bulk | Res H6              |
|                                  | Usuthu          | >2015 | Bulk | Res H7              |
|                                  | Usuthu          | >2015 | Bulk | Res H-S2            |
|                                  | Usuthu          | >2015 | Bulk | Res H-S3            |
|                                  | Usuthu          | >2015 | Bulk | Res H-S4            |
|                                  | Usuthu          | >2015 | Bulk | Res H-S5            |
|                                  | Usuthu          | >2015 | Bulk | Res H-S8            |
|                                  | Usuthu          | >2015 | Bulk | Res H-S9            |
|                                  | Usuthu          | >2015 | Bulk | RES K1              |
|                                  | Usuthu          | >2015 | Bulk | RES K2              |
|                                  | Usuthu          | >2015 | Bulk | RES L               |
|                                  | Usuthu          | >2015 | Bulk | RES M               |
|                                  | Usuthu          | >2015 | Bulk | RES O               |
|                                  | Usuthu          | >2015 | Bulk | RES S1              |
|                                  | Usuthu          | >2015 | Bulk | RES S2              |
|                                  | Usuthu          | >2015 | Bulk | Res1                |
|                                  | Usuthu          | >2015 | Bulk | Res10               |
|                                  | Usuthu          | >2015 | Bulk | Res11               |
|                                  | Usuthu          | >2015 | Bulk | Res12               |

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                           |
|----------------------------------|-----------------|-------|-------|---------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION               |
|                                  | Usuthu          | >2015 | Bulk  | Res14                     |
|                                  | Usuthu          | >2015 | Bulk  | Res15                     |
|                                  | Usuthu          | >2015 | Bulk  | Res16                     |
|                                  | Usuthu          | >2015 | Bulk  | Res17                     |
|                                  | Usuthu          | >2015 | Bulk  | Res2                      |
|                                  | Usuthu          | >2015 | Bulk  | Res3                      |
|                                  | Usuthu          | >2015 | Bulk  | Res4                      |
|                                  | Usuthu          | >2015 | Bulk  | Res5                      |
|                                  | Usuthu          | >2015 | Bulk  | Reservoir                 |
|                                  | Usuthu          | >2015 | Bulk  | Reservoir                 |
|                                  | Usuthu          | >2015 | Bulk  | Reservoir                 |
|                                  | Usuthu          | >2015 | Bulk  | Reservoir                 |
|                                  | Usuthu          | >2015 | Bulk  | Reservoir                 |
|                                  | Usuthu          | >2015 | Bulk  | Reservoir                 |
|                                  | Usuthu          | >2015 | Bulk  | Reservoir                 |
|                                  | Usuthu          | >2015 | Bulk  | Reservoir                 |
|                                  | Usuthu          | >2015 | Bulk  | Reservoir                 |
|                                  | Usuthu          | >2015 | Bulk  | Reservoir                 |
|                                  | Usuthu          | >2015 | Bulk  | Reservoir                 |
|                                  | Usuthu          | >2015 | Bulk  | Reservoir                 |
| Nongoma Municipality             | Usuthu          | >2015 | Bulk  | Reservoir                 |
|                                  | Usuthu          | >2015 | Bulk  | Reservoir                 |
|                                  | Usuthu          | >2015 | Bulk  | Reservoir                 |
|                                  | Usuthu          | >2015 | Bulk  | Reservoir                 |
|                                  | Usuthu          | >2015 | Bulk  | RWSS Res                  |
|                                  | Usuthu          | >2015 | Bulk  | Source                    |
|                                  | Usuthu          | >2015 | Bulk  | Source                    |
|                                  | Usuthu          | >2015 | Bulk  | Source                    |
|                                  | Usuthu          | >2015 | Retic | Gomabagagu                |
|                                  | Usuthu          | >2015 | Retic | Ezinhlaleni               |
|                                  | Usuthu          | >2015 | Retic | Zwelisha (Mfankomo)       |
|                                  | Usuthu          | >2015 | Retic | Ndikandika                |
|                                  | Usuthu          | >2015 | Retic | Holinyoka                 |
|                                  | Usuthu          | >2015 | Retic | Ebhunge                   |
|                                  | Usuthu          | >2015 | Retic | Kwasicengile              |
|                                  | Usuthu          | >2015 | Retic | Emkhondo                  |
|                                  | Usuthu          | >2015 | Retic | Kwa-Denge                 |
|                                  | Usuthu          | >2015 | Retic | Kwamfemfeni               |
|                                  | Usuthu          | >2015 | Retic | Iqonqo                    |
|                                  | Usuthu          | >2015 | Retic | Manzawayo                 |
|                                  | Usuthu          | >2015 | Retic | Enkingeni                 |
|                                  | Usuthu          | >2015 | Retic | Embokodweni               |
|                                  | Usuthu          | >2015 | Retic | Ezimpisini (Entuthukweni) |
|                                  | Usuthu          | >2015 | Retic | Eqeleni                   |
|                                  | Usuthu          | >2015 | Retic | Engwelezane               |
|                                  | Usuthu          | >2015 | Retic | Emaqeleni                 |
|                                  | Usuthu          | >2015 | Retic | Kwa Gwaqaza               |
|                                  | Usuthu          | >2015 | Retic | Nqobuzulu                 |
|                                  | Usuthu          | >2015 | Retic | Mashemhlophe              |
|                                  | Usuthu          | >2015 | Retic | Ezingolaneni              |
|                                  | Usuthu          | >2015 | Retic | Sigubudu                  |
|                                  | Usuthu          | >2015 | Retic | Nqalu                     |
|                                  | Usuthu          | >2015 | Retic | Kwelodaka                 |
|                                  | Usuthu          | >2015 | Retic | Emayeni                   |
|                                  | Usuthu          | >2015 | Retic | Ndlazini                  |
|                                  | Usuthu          | >2015 | Retic | Sheleza                   |
|                                  | Usuthu          | >2015 | Retic | Kwa-Ququ                  |
|                                  | Usuthu          | >2015 | Retic | Macekaneni                |
|                                  | Usuthu          | >2015 | Retic | Nhloyane                  |
|                                  | Usuthu          | >2015 | Retic | Isizinda A                |
|                                  | Usuthu          | >2015 | Retic | Ngalonde                  |
|                                  | Usuthu          | >2015 | Retic | Echibini                  |

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                             |
|----------------------------------|-----------------|-------|-------|-----------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION                 |
|                                  | Usuthu          | >2015 | Retic | Majomela                    |
|                                  | Usuthu          | >2015 | Retic | Efele                       |
|                                  | Usuthu          | >2015 | Retic | Kwanomehle                  |
|                                  | Usuthu          | >2015 | Retic | Obhuqwini                   |
| Nongoma Municipality             | Usuthu          | >2015 | Retic | Mgiliji                     |
|                                  | Usuthu          | >2015 | Retic | Mpiyampiya                  |
|                                  | Usuthu          | >2015 | Retic | Hlabathini 2                |
|                                  | Usuthu          | >2015 | Retic | Eningeni                    |
|                                  | Usuthu          | >2015 | Retic | Qanda 3                     |
|                                  | Usuthu          | >2015 | Retic | Emahashini                  |
|                                  | Usuthu          | >2015 | Retic | Sevuna                      |
|                                  | Usuthu          | >2015 | Retic | Zetheni Mtuzuna (Sezetheni) |
|                                  | Usuthu          | >2015 | Retic | Ntambakasi                  |
|                                  | Usuthu          | >2015 | Retic | Sefamona                    |
|                                  | Usuthu          | >2015 | Retic | Mangomhlophe                |
|                                  | Usuthu          | >2015 | Retic | Soshamase                   |
|                                  | Usuthu          | >2015 | Retic | Bhethani                    |
|                                  | Usuthu          | >2015 | Retic | Emancwangeneni              |
|                                  | Usuthu          | >2015 | Retic | Mgogodi                     |
|                                  | Usuthu          | >2015 | Retic | Semangadini                 |
|                                  | Usuthu          | >2015 | Retic | Mpunzana                    |
|                                  | Usuthu          | >2015 | Retic | Sikhleni                    |
|                                  | Usuthu          | >2015 | Retic | Esikhaleni 1                |
|                                  | Usuthu          | >2015 | Retic | White City                  |
|                                  | Usuthu          | >2015 | Retic | Mahayoyo                    |
|                                  | Usuthu          | >2015 | Retic | Kwamina                     |
|                                  | Usuthu          | >2015 | Retic | Onyango                     |
|                                  | Usuthu          | >2015 | Retic | Kwa Musi                    |
|                                  | Usuthu          | >2015 | Retic | Nsimbini                    |
|                                  | Usuthu          | >2015 | Retic | Dayeni                      |
|                                  | Usuthu          | >2015 | Retic | Shisuthu                    |
|                                  | Usuthu          | >2015 | Retic | Mbhukudu                    |
|                                  | Usuthu          | >2015 | Retic | Ezimpakaneni                |
|                                  | Usuthu          | >2015 | Retic | Kwahelibheshu               |
|                                  | Usuthu          | >2015 | Retic | Mcwabeyana                  |
|                                  | Usuthu          | >2015 | Retic | Emlalazini                  |
|                                  | Usuthu          | >2015 | Retic | Mponga (Duma)               |
|                                  | Usuthu          | >2015 | Retic | Entshoweni                  |
|                                  | Usuthu          | >2015 | Retic | Kwelibomvu                  |
|                                  | Usuthu          | >2015 | Retic | Dindela (Duma)              |
|                                  | Usuthu          | >2015 | Retic | Duma 1                      |
|                                  | Usuthu          | >2015 | Retic | Emhgedeni (Duma)            |
|                                  | Usuthu          | >2015 | Retic | Engongoma                   |
|                                  | Usuthu          | >2015 | Retic | Hobiyana                    |
|                                  | Usuthu          | >2015 | Retic | Kwamshiki                   |
|                                  | Usuthu          | >2015 | Retic | Mangongo                    |
|                                  | Usuthu          | >2015 | Retic | Ezomboda                    |
|                                  | Usuthu          | >2015 | Retic | Kwandwandwe                 |
|                                  | Usuthu          | >2015 | Retic | Ebungwini                   |
|                                  | Usuthu          | >2015 | Retic | Mbamba                      |
| Nongoma Municipality             | Usuthu          | >2015 | Retic | Kwazungu                    |
|                                  | Usuthu          | >2015 | Retic | Emhemeni                    |
|                                  | Usuthu          | >2015 | Retic | Othinsangu                  |
|                                  | Usuthu          | >2015 | Retic | Hlathidumayo                |
|                                  | Usuthu          | >2015 | Retic | Kwadleka                    |
|                                  | Usuthu          | >2015 | Retic | Kwakhangela                 |
|                                  | Usuthu          | >2015 | Retic | eHlabathini 1               |
|                                  | Usuthu          | >2015 | Retic | Mememe                      |
|                                  | Usuthu          | >2015 | Retic | Masimba -Ndawonye           |
|                                  | Usuthu          | >2015 | Retic | Qoqoda                      |
|                                  | Usuthu          | >2015 | Retic | Mshanelo 1                  |
|                                  | Usuthu          | >2015 | Retic | Magedlana B                 |
|                                  | Usuthu          | >2015 | Retic | Mfanele                     |

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                      |
|----------------------------------|-----------------|-------|-------|----------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION          |
|                                  | Usuthu          | >2015 | Retic | Esiqokolweni         |
|                                  | Usuthu          | >2015 | Retic | Esiweni              |
|                                  | Usuthu          | >2015 | Retic | Mpalaza              |
|                                  | Usuthu          | >2015 | Retic | Phoqukhalo           |
|                                  | Usuthu          | >2015 | Retic | Qhoqhoza             |
|                                  | Usuthu          | >2015 | Retic | Thokazi              |
|                                  | Usuthu          | >2015 | Retic | Mbengo               |
|                                  | Usuthu          | >2015 | Retic | Emoyeni              |
|                                  | Usuthu          | >2015 | Retic | Kwadlounga           |
|                                  | Usuthu          | >2015 | Retic | Makhulu              |
|                                  | Usuthu          | >2015 | Retic | Ngasela              |
|                                  | Usuthu          | >2015 | Retic | Part of 494/Bethani  |
|                                  | Usuthu          | >2015 | Retic | Mthwathube           |
|                                  | Usuthu          | >2015 | Retic | Nkanisweni           |
|                                  | Usuthu          | >2015 | Retic | Nqokotho             |
|                                  | Usuthu          | >2015 | Retic | Mshanelo 2           |
|                                  | Usuthu          | >2015 | Retic | Manzimkhulu          |
|                                  | Usuthu          | >2015 | Retic | Duma 2               |
|                                  | Usuthu          | >2015 | Retic | Emakhandeni          |
|                                  | Usuthu          | >2015 | Retic | Sindabe              |
|                                  | Usuthu          | >2015 | Retic | Makholweni           |
|                                  | Usuthu          | >2015 | Retic | Manyoni 1            |
|                                  | Usuthu          | >2015 | Retic | Mfankomo             |
|                                  | Usuthu          | >2015 | Retic | Mhlwehlwe            |
|                                  | Usuthu          | >2015 | Retic | Thusani              |
|                                  | Usuthu          | >2015 | Retic | Henenende (Mbonjeni) |
|                                  | Usuthu          | >2015 | Retic | Henenende            |
|                                  | Usuthu          | >2015 | Retic | Ebukhalini           |
|                                  | Usuthu          | >2015 | Retic | Qathaqatheni         |
|                                  | Usuthu          | >2015 | Retic | Tshonono             |
|                                  | Usuthu          | >2015 | Retic | Kwadlabe             |
|                                  | Usuthu          | >2015 | Retic | Mahlezane            |
|                                  | Usuthu          | >2015 | Retic | Emakholweni 3        |
| Nongoma Municipality             | Usuthu          | >2015 | Retic | Mashenge             |
|                                  | Usuthu          | >2015 | Retic | Emanqomfini          |
|                                  | Usuthu          | >2015 | Retic | Masundwini           |
|                                  | Usuthu          | >2015 | Retic | Ndololwaneni         |
|                                  | Usuthu          | >2015 | Retic | Mission 1            |
|                                  | Usuthu          | >2015 | Retic | Emakholweni 2        |
|                                  | Usuthu          | >2015 | Retic | Nsawulani            |
|                                  | Usuthu          | >2015 | Retic | Kolweni              |
|                                  | Usuthu          | >2015 | Retic | Nokhehleni           |
|                                  | Usuthu          | >2015 | Retic | Esweni               |
|                                  | Usuthu          | >2015 | Retic | Hlathi               |
|                                  | Usuthu          | >2015 | Retic | Magutshwa            |
|                                  | Usuthu          | >2015 | Retic | Ekuvukeni            |
|                                  | Usuthu          | >2015 | Retic | Ngolotshe            |
|                                  | Usuthu          | >2015 | Retic | Doncaneni            |
|                                  | Usuthu          | >2015 | Retic | Eziqhumeni 1         |
|                                  | Usuthu          | >2015 | Retic | Eziqhumeni 2         |
|                                  | Usuthu          | >2015 | Retic | Entwala              |
|                                  | Usuthu          | >2015 | Retic | Entuthukweni         |
|                                  | Usuthu          | >2015 | Retic | Elanjani/Msasanani   |
|                                  | Usuthu          | >2015 | Retic | SiDakeni             |
|                                  | Usuthu          | >2015 | Retic | Khanjaneni           |
|                                  | Usuthu          | >2015 | Retic | Ezomboda             |
|                                  | Usuthu          | >2015 | Retic | Singangeni           |
|                                  | Usuthu          | >2015 | Retic | Nqala                |
|                                  | Usuthu          | >2015 | Retic | Zampilo              |
|                                  | Usuthu          | >2015 | Retic | Mcibilindini         |
|                                  | Usuthu          | >2015 | Retic | Mhlabaneni           |
|                                  | Usuthu          | >2015 | Retic | Nongoma Town         |
|                                  | Usuthu          | >2015 | Retic | Mayini               |

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                                |
|----------------------------------|-----------------|-------|-------|--------------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION                    |
| Ulundi Municipality              | Usuthu          | >2015 | Retic | Nqumbi                         |
|                                  | Nkonjeni        | 2011  | Bulk  | 110 uPVC Class 12/16 Pipeline  |
|                                  | Nkonjeni        | 2011  | Bulk  | 110 uPVC Class 12/16 Pipeline  |
|                                  | Nkonjeni        | 2011  | Bulk  | 90 uPVC Class 16 Pipeline      |
|                                  | Nkonjeni        | 2011  | Bulk  | Res B                          |
|                                  | Nkonjeni        | 2011  | Bulk  | Res C                          |
|                                  | Nkonjeni        | 2011  | Bulk  | Res D                          |
|                                  | Nkonjeni        | 2011  | Retic | Machanca                       |
|                                  | Nkonjeni        | 2011  | Retic | Onwele                         |
|                                  | Nkonjeni        | 2011  | Retic | Kwayaka                        |
|                                  | Nkonjeni        | 2011  | Retic | Esikhaleni 2                   |
|                                  | Nkonjeni        | 2011  | Retic | Othini 1                       |
|                                  | Nkonjeni        | 2011  | Retic | Ndumakude                      |
|                                  | Nkonjeni        | 2011  | Retic | Mvemveni                       |
|                                  | Nkonjeni        | 2011  | Retic | Dumbukane                      |
|                                  | Nkonjeni        | 2011  | Retic | Ntabayezulu                    |
| Ulundi Municipality              | Nkonjeni        | 2012  | Bulk  | 100 Ductile Iron K7            |
|                                  | Nkonjeni        | 2012  | Bulk  | 100 Ductile Iron K7            |
|                                  | Nkonjeni        | 2012  | Bulk  | Res A                          |
|                                  | Nkonjeni        | 2012  | Bulk  | Res AM                         |
|                                  | Nkonjeni        | 2012  | Retic | Bayeni                         |
|                                  | Nkonjeni        | 2012  | Retic | Manzabomvu 2                   |
|                                  | Nkonjeni        | 2012  | Retic | Cobe                           |
|                                  | Nkonjeni        | 2012  | Retic | Didwayini/Chafuchafu           |
|                                  | Nkonjeni        | 2012  | Retic | Etsheni                        |
|                                  | Nkonjeni        | 2012  | Retic | Kwamshayazafe 2                |
|                                  | Nkonjeni        | 2012  | Retic | Ntshelela                      |
|                                  | Nkonjeni        | 2012  | Retic | Emlovu                         |
|                                  | Nkonjeni        | 2012  | Retic | eHlabathini 3                  |
|                                  | Nkonjeni        | 2012  | Retic | Mthezu                         |
|                                  | Nkonjeni        | 2012  | Retic | Edwaleni                       |
|                                  | Nkonjeni        | 2012  | Retic | Ekudu Enkeni                   |
|                                  | Nkonjeni        | 2012  | Retic | Kwamshayazafe 3                |
|                                  | Nkonjeni        | 2012  | Retic | Bhobhobho                      |
|                                  | Nkonjeni        | 2012  | Retic | Nsabekhuluma 2                 |
|                                  | Nkonjeni        | 2013  | Bulk  | 160 Continuous Steel Pipeline  |
|                                  | Nkonjeni        | 2013  | Bulk  | 90 HDPE Class 12/16 Pipeline   |
|                                  | Nkonjeni        | 2013  | Bulk  | PS AF                          |
|                                  | Nkonjeni        | 2013  | Bulk  | Res AI                         |
|                                  | Nkonjeni        | 2013  | Bulk  | Rising Main                    |
|                                  | Nkonjeni        | 2013  | Retic | Njolini                        |
|                                  | Nkonjeni        | 2013  | Retic | Stedham (Kwanduku)             |
|                                  | Nkonjeni        | 2013  | Retic | Ogedleni                       |
|                                  | Nkonjeni        | 2013  | Retic | Ensileni                       |
|                                  | Nkonjeni        | 2013  | Retic | Uitkyk Farm                    |
|                                  | Nkonjeni        | 2013  | Retic | Undindi                        |
|                                  | Nkonjeni        | 2013  | Retic | Mission 3                      |
|                                  | Nkonjeni        | 2013  | Retic | Emandlovini                    |
|                                  | Nkonjeni        | 2013  | Retic | Ogade 2                        |
|                                  | Nkonjeni        | 2013  | Retic | Bhukwe                         |
|                                  | Nkonjeni        | 2013  | Retic | Groot Geluk 201                |
|                                  | Nkonjeni        | 2014  | Bulk  | 50 uPVC Class 12               |
|                                  | Nkonjeni        | 2014  | Bulk  | 63 uPVC Class 12/16 Pipeline   |
|                                  | Nkonjeni        | 2014  | Bulk  | 90mm Continuous Steel Pipeline |
|                                  | Nkonjeni        | 2014  | Bulk  | PS AH                          |
|                                  | Nkonjeni        | 2014  | Bulk  | PS AI                          |
|                                  | Nkonjeni        | 2014  | Bulk  | Res AG                         |
|                                  | Nkonjeni        | 2014  | Bulk  | Res AH                         |
|                                  | Nkonjeni        | 2014  | Bulk  | Res AJ                         |
|                                  | Nkonjeni        | 2014  | Bulk  | Res AK                         |
|                                  | Nkonjeni        | 2014  | Bulk  | Res AL                         |
|                                  | Nkonjeni        | 2014  | Bulk  | Rising Main                    |
| Ulundi Municipality              | Nkonjeni        | 2014  | Bulk  | Rising Main                    |



| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                              |
|----------------------------------|-----------------|-------|-------|------------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION                  |
|                                  | Nkonjeni        | 2014  | Retic | Mandeva                      |
|                                  | Nkonjeni        | 2014  | Retic | Ogade 1                      |
|                                  | Nkonjeni        | 2014  | Retic | Mbekuzeni                    |
|                                  | Nkonjeni        | 2014  | Retic | Kwankakazi                   |
|                                  | Nkonjeni        | 2014  | Retic | Witpoort                     |
|                                  | Nkonjeni        | 2014  | Retic | Kwabombo                     |
|                                  | Nkonjeni        | 2014  | Retic | New                          |
|                                  | Nkonjeni        | 2014  | Retic | Tukelana 1                   |
|                                  | Nkonjeni        | 2014  | Retic | Tukelana 2                   |
|                                  | Nkonjeni        | 2014  | Retic | Tukelana 3                   |
|                                  | Nkonjeni        | 2014  | Retic | Jordaan 656 (Zulu Rock)      |
|                                  | Nkonjeni        | 2014  | Retic | Mbombo                       |
|                                  | Nkonjeni        | 2015  | Bulk  | 200 uPVC Class 12 Pipeline   |
|                                  | Nkonjeni        | 2015  | Bulk  | PS U                         |
|                                  | Nkonjeni        | 2015  | Bulk  | Reg Bulk ZAI                 |
|                                  | Nkonjeni        | 2015  | Bulk  | Res U                        |
|                                  | Nkonjeni        | 2015  | Bulk  | Rising Main                  |
|                                  | Nkonjeni        | >2015 | Bulk  | 110 - Class 12 pipeline      |
|                                  | Nkonjeni        | >2015 | Bulk  | 110 - Class 16 pipeline      |
|                                  | Nkonjeni        | >2015 | Bulk  | 110 - Class 16 pipeline      |
|                                  | Nkonjeni        | >2015 | Bulk  | 110 - Class 16 pipeline      |
|                                  | Nkonjeni        | >2015 | Bulk  | 110 - Class 16 pipeline      |
|                                  | Nkonjeni        | >2015 | Bulk  | 110 - Class 16 pipeline      |
|                                  | Nkonjeni        | >2015 | Bulk  | 110 - Class 20 pipeline      |
|                                  | Nkonjeni        | >2015 | Bulk  | 110 - Class 20 pipeline      |
|                                  | Nkonjeni        | >2015 | Bulk  | 110 - Class 9 pipeline       |
|                                  | Nkonjeni        | >2015 | Bulk  | 110 uPVC Class 9 Pipeline    |
|                                  | Nkonjeni        | >2015 | Bulk  | 150 Ductile Iron K7          |
|                                  | Nkonjeni        | >2015 | Bulk  | 160 uPVC Class 9 Pipeline    |
|                                  | Nkonjeni        | >2015 | Bulk  | 160 uPVC Class 9/12 Pipeline |
|                                  | Nkonjeni        | >2015 | Bulk  | 160mm - Class 12 Pipeline    |
|                                  | Nkonjeni        | >2015 | Bulk  | 160mm - Class 16 Pipeline    |
|                                  | Nkonjeni        | >2015 | Bulk  | 160mm - Class 16 Pipeline    |
|                                  | Nkonjeni        | >2015 | Bulk  | 160mm - Class 20 Pipeline    |
|                                  | Nkonjeni        | >2015 | Bulk  | 160mm - Class 20 Pipeline    |
|                                  | Nkonjeni        | >2015 | Bulk  | 200 DI K7 Pipeline           |
|                                  | Nkonjeni        | >2015 | Bulk  | 200 DI K7 Pipeline           |
|                                  | Nkonjeni        | >2015 | Bulk  | 200mm - Class 12 Pipeline    |
|                                  | Nkonjeni        | >2015 | Bulk  | 200mm - Class 16 Pipeline    |
|                                  | Nkonjeni        | >2015 | Bulk  | 250 - Class 12 Pipeline      |
|                                  | Nkonjeni        | >2015 | Bulk  | 250 - Class 12 Pipeline      |
|                                  | Nkonjeni        | >2015 | Bulk  | 250 - Class 12 Pipeline      |
|                                  | Nkonjeni        | >2015 | Bulk  | 250mm Pipeline               |
|                                  | Nkonjeni        | >2015 | Bulk  | 250mm Pipeline               |
|                                  | Nkonjeni        | >2015 | Bulk  | 75 uPVC Class 12             |
| Ulundi Municipality              | Nkonjeni        | >2015 | Bulk  | 75 uPVC Class 9/12           |
|                                  | Nkonjeni        | >2015 | Bulk  | 75-PN12.5 Pipeline           |
|                                  | Nkonjeni        | >2015 | Bulk  | 75-PN16 Pipeline             |
|                                  | Nkonjeni        | >2015 | Bulk  | 80 DI K7 Pipeline            |
|                                  | Nkonjeni        | >2015 | Bulk  | 80 DI K7 Pipeline            |
|                                  | Nkonjeni        | >2015 | Bulk  | 80 DI K7 Pipeline            |
|                                  | Nkonjeni        | >2015 | Bulk  | 80 DI Pipeline               |
|                                  | Nkonjeni        | >2015 | Bulk  | 80 Ductile Iron K7 Pipeline  |
|                                  | Nkonjeni        | >2015 | Bulk  | 80 Ductile Iron K7 Pipeline  |
|                                  | Nkonjeni        | >2015 | Bulk  | 80 Ductile Iron K7 Pipeline  |
|                                  | Nkonjeni        | >2015 | Bulk  | 90 - Class 12 Pipeline       |
|                                  | Nkonjeni        | >2015 | Bulk  | 90 - Class 9 Pipeline        |
|                                  | Nkonjeni        | >2015 | Bulk  | 90mm Pipeline                |
|                                  | Nkonjeni        | >2015 | Bulk  | 90mm Pipeline                |
|                                  | Nkonjeni        | >2015 | Bulk  | 90mm Pipeline                |
|                                  | Nkonjeni        | >2015 | Bulk  | 90mm Pipeline                |
|                                  | Nkonjeni        | >2015 | Bulk  | 90mm Pipeline                |
|                                  | Nkonjeni        | >2015 | Bulk  | 90-PN16 Pipeline             |

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                     |
|----------------------------------|-----------------|-------|-------|---------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION         |
|                                  | Nkonjeni        | >2015 | Bulk  | Break pressure tank |
|                                  | Nkonjeni        | >2015 | Bulk  | Develop source      |
|                                  | Nkonjeni        | >2015 | Bulk  | Develop source      |
|                                  | Nkonjeni        | >2015 | Bulk  | Develop source      |
|                                  | Nkonjeni        | >2015 | Bulk  | Develop source      |
|                                  | Nkonjeni        | >2015 | Bulk  | Develop source      |
|                                  | Nkonjeni        | >2015 | Bulk  | Develop source      |
|                                  | Nkonjeni        | >2015 | Bulk  | New PS              |
|                                  | Nkonjeni        | >2015 | Bulk  | New PS              |
|                                  | Nkonjeni        | >2015 | Bulk  | New PS              |
|                                  | Nkonjeni        | >2015 | Bulk  | New PS              |
|                                  | Nkonjeni        | >2015 | Bulk  | New Pump            |
|                                  | Nkonjeni        | >2015 | Bulk  | New Res             |
|                                  | Nkonjeni        | >2015 | Bulk  | New Res             |
|                                  | Nkonjeni        | >2015 | Bulk  | New Res             |
|                                  | Nkonjeni        | >2015 | Bulk  | P700 Phase1         |
|                                  | Nkonjeni        | >2015 | Bulk  | P700 Phase2         |
|                                  | Nkonjeni        | >2015 | Bulk  | PS M2               |
|                                  | Nkonjeni        | >2015 | Bulk  | PS M3               |
|                                  | Nkonjeni        | >2015 | Bulk  | Reg Bulk ZAI        |
|                                  | Nkonjeni        | >2015 | Bulk  | Reg Bulk ZAI        |
|                                  | Nkonjeni        | >2015 | Bulk  | Reg Bulk ZAI        |
|                                  | Nkonjeni        | >2015 | Bulk  | Reg Bulk ZAI        |
|                                  | Nkonjeni        | >2015 | Bulk  | Res 2               |
|                                  | Nkonjeni        | >2015 | Bulk  | Res M               |
|                                  | Nkonjeni        | >2015 | Bulk  | Res N               |
|                                  | Nkonjeni        | >2015 | Bulk  | Res O               |
|                                  | Nkonjeni        | >2015 | Bulk  | Res P               |
| Ulundi Municipality              | Nkonjeni        | >2015 | Bulk  | Res Y               |
|                                  | Nkonjeni        | >2015 | Bulk  | Reservoir           |
|                                  | Nkonjeni        | >2015 | Bulk  | Reservoir           |
|                                  | Nkonjeni        | >2015 | Bulk  | Reservoir           |
|                                  | Nkonjeni        | >2015 | Bulk  | Reservoir           |
|                                  | Nkonjeni        | >2015 | Bulk  | Reservoir           |
|                                  | Nkonjeni        | >2015 | Bulk  | Reservoir           |
|                                  | Nkonjeni        | >2015 | Bulk  | Reservoir           |
|                                  | Nkonjeni        | >2015 | Bulk  | Reservoir           |
|                                  | Nkonjeni        | >2015 | Bulk  | Rising Main         |
|                                  | Nkonjeni        | >2015 | Bulk  | Rising Main         |
|                                  | Nkonjeni        | >2015 | Retic | Hlengile            |
|                                  | Nkonjeni        | >2015 | Retic | Draaihoek           |
|                                  | Nkonjeni        | >2015 | Retic | Molta               |
|                                  | Nkonjeni        | >2015 | Retic | Mpungamhlope        |
|                                  | Nkonjeni        | >2015 | Retic | Maduna Ezibomvu     |
|                                  | Nkonjeni        | >2015 | Retic | Esibindini          |
|                                  | Nkonjeni        | >2015 | Retic | Tshilugwanenei      |
|                                  | Nkonjeni        | >2015 | Retic | Nkaphani            |
|                                  | Nkonjeni        | >2015 | Retic | Emahlathini         |
|                                  | Nkonjeni        | >2015 | Retic | Isangoyana 1        |
|                                  | Nkonjeni        | >2015 | Retic | Kwagqikazi 1        |
|                                  | Nkonjeni        | >2015 | Retic | Kwagqikazi 2        |
|                                  | Nkonjeni        | >2015 | Retic | Ntabankulu          |
|                                  | Nkonjeni        | >2015 | Retic | Lomo                |
|                                  | Nkonjeni        | >2015 | Retic | Kwanoma             |
|                                  | Nkonjeni        | >2015 | Retic | Nkiliji             |
|                                  | Nkonjeni        | >2015 | Retic | Sgodiphola          |
|                                  | Nkonjeni        | >2015 | Retic | Kweyezulu           |
|                                  | Nkonjeni        | >2015 | Retic | Ndumeni             |
|                                  | Nkonjeni        | >2015 | Retic | Kwangono Mbambo 1   |
|                                  | Nkonjeni        | >2015 | Retic | Kwangono Mbambo 2   |
|                                  | Nkonjeni        | >2015 | Retic | Skhume              |
|                                  | Nkonjeni        | >2015 | Retic | Nobambo             |

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                   |
|----------------------------------|-----------------|-------|-------|-------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION       |
|                                  | Nkonjeni        | >2015 | Retic | Emakhosini        |
|                                  | Nkonjeni        | >2015 | Retic | Senzangakhona     |
|                                  | Nkonjeni        | >2015 | Retic | Hlondlweni        |
|                                  | Nkonjeni        | >2015 | Retic | Mgababa 3         |
|                                  | Nkonjeni        | >2015 | Retic | Kwa Mehlomane     |
|                                  | Nkonjeni        | >2015 | Retic | Mpayini           |
|                                  | Nkonjeni        | >2015 | Retic | Hlungulwane       |
|                                  | Nkonjeni        | >2015 | Retic | Manekwane 2       |
|                                  | Nkonjeni        | >2015 | Retic | Kwa Mvula         |
|                                  | Nkonjeni        | >2015 | Retic | Mbangayiya        |
|                                  | Nkonjeni        | >2015 | Retic | Mbangweni 2       |
| Ulundi Municipality              | Nkonjeni        | >2015 | Retic | Nqulwane          |
|                                  | Nkonjeni        | >2015 | Retic | Nsingizane 2      |
|                                  | Nkonjeni        | >2015 | Retic | Zenzele           |
|                                  | Nkonjeni        | >2015 | Retic | Nggolothi         |
|                                  | Nkonjeni        | >2015 | Retic | Kwathuthu         |
|                                  | Nkonjeni        | >2015 | Retic | Nkonjane          |
|                                  | Nkonjeni        | >2015 | Retic | Dindi             |
|                                  | Nkonjeni        | >2015 | Retic | England           |
|                                  | Nkonjeni        | >2015 | Retic | Njomelwane        |
|                                  | Nkonjeni        | >2015 | Retic | Ezikhumbeni       |
|                                  | Nkonjeni        | >2015 | Retic | Ekatini           |
|                                  | Nkonjeni        | >2015 | Retic | Hlophekhulu       |
|                                  | Nkonjeni        | >2015 | Retic | Enguqe            |
|                                  | Nkonjeni        | >2015 | Retic | Kwanguqe          |
|                                  | Nkonjeni        | >2015 | Retic | Ezimfeneni        |
|                                  | Nkonjeni        | >2015 | Retic | Langakazi 1       |
|                                  | Nkonjeni        | >2015 | Retic | Dibha             |
|                                  | Nkonjeni        | >2015 | Retic | Mhlalini          |
|                                  | Nkonjeni        | >2015 | Retic | Tshiyazame        |
|                                  | Nkonjeni        | >2015 | Retic | Ntilingwe         |
|                                  | Nkonjeni        | >2015 | Retic | Maghutha          |
|                                  | Nkonjeni        | >2015 | Retic | Ganwini           |
|                                  | Nkonjeni        | >2015 | Retic | Bhekimbazo        |
|                                  | Nkonjeni        | >2015 | Retic | Sqobelo           |
|                                  | Nkonjeni        | >2015 | Retic | Ezinyoshini       |
|                                  | Nkonjeni        | >2015 | Retic | Nyoni             |
|                                  | Nkonjeni        | >2015 | Retic | Nhluba            |
|                                  | Nkonjeni        | >2015 | Retic | Kwafolese         |
|                                  | Nkonjeni        | >2015 | Retic | Mthonjeni         |
|                                  | Nkonjeni        | >2015 | Retic | Kwavilakazi 2     |
|                                  | Nkonjeni        | >2015 | Retic | Mvula             |
|                                  | Nkonjeni        | >2015 | Retic | Themalihle        |
|                                  | Nkonjeni        | >2015 | Retic | Zilulwane         |
|                                  | Nkonjeni        | >2015 | Retic | Bhekinkulumo      |
|                                  | Nkonjeni        | >2015 | Retic | Mombeni           |
|                                  | Nkonjeni        | >2015 | Retic | Langfontein       |
|                                  | Nkonjeni        | >2015 | Retic | Nkaletweni        |
|                                  | Nkonjeni        | >2015 | Retic | Cokolo            |
|                                  | Nkonjeni        | >2015 | Retic | Mbundu            |
|                                  | Nkonjeni        | >2015 | Retic | Mpembeni          |
|                                  | Nkonjeni        | >2015 | Retic | Nsingizane 1      |
|                                  | Nkonjeni        | >2015 | Retic | Qaba              |
|                                  | Nkonjeni        | >2015 | Retic | Ncele             |
|                                  | Nkonjeni        | >2015 | Retic | Vaalbank 347      |
|                                  | Nkonjeni        | >2015 | Retic | Nzololo - Maganda |
|                                  | Nkonjeni        | >2015 | Retic | Vezunyamo 1       |
| Ulundi Municipality              | Nkonjeni        | >2015 | Retic | Cengeni           |
|                                  | Nkonjeni        | >2015 | Retic | Ntabamhlophe      |
|                                  | Nkonjeni        | >2015 | Retic | Maqwatha          |
|                                  | Nkonjeni        | >2015 | Retic | Denny Dalton      |
|                                  | Nkonjeni        | >2015 | Retic | Goje Maqwatha     |
|                                  | Nkonjeni        | >2015 | Retic | Shembe            |

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                               |
|----------------------------------|-----------------|-------|-------|-------------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION                   |
|                                  | Nkonjeni        | >2015 | Retic | Mgababa 2                     |
|                                  | Nkonjeni        | >2015 | Retic | Basamlilo 2                   |
|                                  | Nkonjeni        | >2015 | Retic | Ezisasameni                   |
|                                  | Nkonjeni        | >2015 | Retic | Bhengisilwane                 |
|                                  | Nkonjeni        | >2015 | Retic | Mshiqo                        |
|                                  | Nkonjeni        | >2015 | Retic | Newland                       |
|                                  | Nkonjeni        | >2015 | Retic | Phato                         |
|                                  | Nkonjeni        | >2015 | Retic | Jems                          |
|                                  | Nkonjeni        | >2015 | Retic | Uitzicht 203                  |
|                                  | Nkonjeni        | >2015 | Retic | Dingaanstad                   |
|                                  | Nkonjeni        | >2015 | Retic | Mandg                         |
|                                  | Nkonjeni        | >2015 | Retic | Ekujulukeni 1                 |
|                                  | Nkonjeni        | >2015 | Retic | Ekujulukeni 2                 |
|                                  | Nkonjeni        | >2015 | Retic | Mhlathuze                     |
|                                  | Nkonjeni        | >2015 | Retic | Kwanguqe                      |
|                                  | Nkonjeni        | >2015 | Retic | Ntongwana (Uitzondering Farm) |
|                                  | Usuthu          | 2011  | Retic | eHlabathini 2                 |
|                                  | Usuthu          | 2011  | Retic | Mtikini                       |
|                                  | Usuthu          | 2011  | Retic | Ekushumayeleni                |
|                                  | Usuthu          | 2011  | Retic | Pholela                       |
|                                  | Usuthu          | 2011  | Retic | Nduvu                         |
|                                  | Usuthu          | 2011  | Retic | Lomo/Mhluwanini               |
|                                  | Usuthu          | 2011  | Retic | Lomo/Mlaza                    |
|                                  | Usuthu          | 2011  | Retic | Lomo/Mahlaba                  |
|                                  | Usuthu          | 2011  | Retic | Khulwane                      |
|                                  | Usuthu          | 2011  | Retic | Okhukhu                       |
|                                  | Usuthu          | 2012  | Retic | Mvalo                         |
|                                  | Usuthu          | 2012  | Retic | Ngogelana                     |
|                                  | Usuthu          | 2012  | Retic | Nkomombili                    |
|                                  | Usuthu          | 2012  | Retic | Esizilo                       |
|                                  | Usuthu          | 2012  | Retic | Emabeka                       |
|                                  | Usuthu          | 2012  | Retic | Thembalihle                   |
|                                  | Usuthu          | 2013  | Retic | Silanda                       |
|                                  | Usuthu          | 2013  | Retic | Mdumela                       |
|                                  | Usuthu          | 2013  | Retic | Skalambazo                    |
|                                  | Usuthu          | 2015  | Retic | Nangizimu 3                   |
|                                  | Usuthu          | 2015  | Retic | Nangizimu 2                   |
|                                  | Usuthu          | 2015  | Retic | Nangizimu 1                   |
|                                  | Usuthu          | 2015  | Retic | Ezibomvu                      |
|                                  | Usuthu          | 2015  | Retic | Ombimbini 2                   |
| Ulundi Municipality              | Usuthu          | 2015  | Retic | Ezikwebezani                  |
|                                  | Usuthu          | 2015  | Retic | Ezidwadweni                   |
|                                  | Usuthu          | >2015 | Retic | Esiphethu                     |
|                                  | Usuthu          | >2015 | Retic | Mwasomhobisa                  |
|                                  | Usuthu          | >2015 | Retic | Sanuka                        |
|                                  | Usuthu          | >2015 | Retic | Esphiva                       |
|                                  | Usuthu          | >2015 | Retic | Bhokweni 1                    |
|                                  | Usuthu          | >2015 | Retic | Chibini 1                     |
|                                  | Usuthu          | >2015 | Retic | Isiphethu                     |
|                                  | Usuthu          | >2015 | Retic | Obinda                        |
|                                  | Usuthu          | >2015 | Retic | Bhodludaka                    |
|                                  | Usuthu          | >2015 | Retic | Mbanda 1                      |
|                                  | Usuthu          | >2015 | Retic | Wela 1                        |
|                                  | Usuthu          | >2015 | Retic | Phambukelweni                 |
|                                  | Usuthu          | >2015 | Retic | Godlankomo                    |
|                                  | Usuthu          | >2015 | Retic | Bhoholo                       |
|                                  | Usuthu          | >2015 | Retic | Mhlangandlovu                 |
|                                  | Usuthu          | >2015 | Retic | Obhedeni                      |
|                                  | Usuthu          | >2015 | Retic | Edlakude                      |
|                                  | Usuthu          | >2015 | Retic | Mgxotshwa                     |
|                                  | Usuthu          | >2015 | Retic | Nsimbi                        |
|                                  | Usuthu          | >2015 | Retic | Phethu                        |
|                                  | Usuthu          | >2015 | Retic | Brush/Nsukangihlale           |

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                  |
|----------------------------------|-----------------|-------|-------|------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION      |
|                                  | Usuthu          | >2015 | Retic | Mndaweni         |
|                                  | Usuthu          | >2015 | Retic | Ezimqageni       |
|                                  | Usuthu          | >2015 | Retic | Ezihlageni       |
|                                  | Usuthu          | >2015 | Retic | Qhudebe          |
|                                  | Usuthu          | >2015 | Retic | Phangole         |
|                                  | Usuthu          | >2015 | Retic | Odizima          |
|                                  | Usuthu          | >2015 | Retic | Kwameke          |
|                                  | Usuthu          | >2015 | Retic | Sikhumbeni       |
|                                  | Usuthu          | >2015 | Retic | Ntambonde        |
|                                  | Usuthu          | >2015 | Retic | Ndwaleni         |
|                                  | Usuthu          | >2015 | Retic | Eggumeni         |
|                                  | Usuthu          | >2015 | Retic | Nende            |
|                                  | Usuthu          | >2015 | Retic | Ezembeni         |
|                                  | Usuthu          | >2015 | Retic | Kwadayeni        |
|                                  | Usuthu          | >2015 | Retic | Kwasaku          |
|                                  | Usuthu          | >2015 | Retic | Okhalweni 1      |
|                                  | Usuthu          | >2015 | Retic | Esibomvu         |
|                                  | Usuthu          | >2015 | Retic | Kwampanza        |
|                                  | Usuthu          | >2015 | Retic | Ezimfabeni       |
|                                  | Usuthu          | >2015 | Retic | Nsabekhuluma 1   |
|                                  | Usuthu          | >2015 | Retic | Mbabazi          |
|                                  | Usuthu          | >2015 | Retic | Emfenyane        |
|                                  | Usuthu          | >2015 | Retic | Shkulile         |
| Ulundi Municipality              | Usuthu          | >2015 | Retic | Dlabane          |
|                                  | Usuthu          | >2015 | Retic | Mashiyane        |
|                                  | Usuthu          | >2015 | Retic | Qwasha (Nongoma) |
|                                  | Usuthu          | >2015 | Retic | Nzukasi          |
|                                  | Usuthu          | >2015 | Retic | Kwamane 1        |
|                                  | Usuthu          | >2015 | Retic | kwamane 2        |
|                                  | Usuthu          | >2015 | Retic | Bhungwane        |
|                                  | Usuthu          | >2015 | Retic | Xasane 1         |
|                                  | Usuthu          | >2015 | Retic | Xasane 2         |
|                                  | Usuthu          | >2015 | Retic | Pelepele         |
|                                  | Usuthu          | >2015 | Retic | Amaphiva         |
|                                  | Usuthu          | >2015 | Retic | Nqabeni          |
|                                  | Usuthu          | >2015 | Retic | Bhokweni 2       |
|                                  | Usuthu          | >2015 | Retic | Mpangeleni       |
|                                  | Usuthu          | >2015 | Retic | Thusini          |
|                                  | Usuthu          | >2015 | Retic | Sofanweni        |
|                                  | Usuthu          | >2015 | Retic | Qubeni           |
|                                  | Usuthu          | >2015 | Retic | Nqabeni          |
|                                  | Usuthu          | >2015 | Retic | Mnqakwe          |
|                                  | Usuthu          | >2015 | Retic | Xolo             |
|                                  | Usuthu          | >2015 | Retic | Mganimbobbo      |
|                                  | Usuthu          | >2015 | Retic | Isiguqa          |
|                                  | Usuthu          | >2015 | Retic | Chibini 2        |
|                                  | Usuthu          | >2015 | Retic | Nogulwane        |
|                                  | Usuthu          | >2015 | Retic | Jwela            |
|                                  | Usuthu          | >2015 | Retic | Njojwanana       |
|                                  | Usuthu          | >2015 | Retic | Kwanodwengu      |
|                                  | Usuthu          | >2015 | Retic | Okhozaneni       |
|                                  | Usuthu          | >2015 | Retic | Mabululwane      |
|                                  | Usuthu          | >2015 | Retic | Mbanda 2         |
|                                  | Usuthu          | >2015 | Retic | Isihulu          |
|                                  | Usuthu          | >2015 | Retic | Nomdidwa         |
|                                  | Usuthu          | >2015 | Retic | Mkhulwana        |
|                                  | Usuthu          | >2015 | Retic | Ngobodo          |
|                                  | Usuthu          | >2015 | Retic | Magayiseni       |
|                                  | Usuthu          | >2015 | Retic | Dakaneni         |
|                                  | Usuthu          | >2015 | Retic | Nhlatwini        |
|                                  | Usuthu          | >2015 | Retic | Ngubaneni        |
|                                  | Usuthu          | >2015 | Retic | Esidakeni 2      |
|                                  | Usuthu          | >2015 | Retic | Kwantabaneni     |

| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                                 |
|----------------------------------|-----------------|-------|-------|---------------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION                     |
|                                  | Usuthu          | >2015 | Retic | Basamlilo 1                     |
|                                  | Usuthu          | >2015 | Retic | Thandamali                      |
|                                  | Usuthu          | >2015 | Retic | Mlamlankuzi                     |
|                                  | Usuthu          | >2015 | Retic | Chibini 3                       |
|                                  | Usuthu          | >2015 | Retic | Nende                           |
|                                  | Usuthu          | >2015 | Retic | Nomponjwana                     |
| Ulundi Municipality              | Usuthu          | >2015 | Retic | Siyekela                        |
|                                  | Usuthu          | >2015 | Retic | Hluthy                          |
|                                  | Usuthu          | >2015 | Retic | Mhlophe                         |
|                                  | Usuthu          | >2015 | Retic | Sikhalampama                    |
|                                  | Usuthu          | >2015 | Retic | Nhlohlela                       |
|                                  | Usuthu          | >2015 | Retic | Ezinxagwini                     |
|                                  | Usuthu          | >2015 | Retic | Okhwathe                        |
|                                  | Usuthu          | >2015 | Retic | Mgubameni                       |
| uPhongolo Municipality           | Coronation      | >2015 | Retic | Belvue Farm                     |
|                                  | Coronation      | >2015 | Retic | Kwa Ceba                        |
|                                  | Coronation      | >2015 | Retic | Baqulusini 1                    |
|                                  | Coronation      | >2015 | Retic | Kwabanakile                     |
|                                  | Coronation      | >2015 | Retic | Dwaalhoek                       |
|                                  | Coronation      | >2015 | Retic | Kwamalinga                      |
|                                  | Coronation      | >2015 | Retic | Ongane 2                        |
|                                  | Coronation      | >2015 | Retic | Dwarsrand                       |
|                                  | Coronation      | >2015 | Retic | Berdina                         |
|                                  | Coronation      | >2015 | Retic | Berdina                         |
|                                  | Coronation      | >2015 | Retic | Kwafuduka                       |
|                                  | Coronation      | >2015 | Retic | Parys Trust                     |
|                                  | Mkhuze          | >2015 | Retic | Nyaliza                         |
|                                  | Mkhuze          | >2015 | Retic | Msotsa                          |
|                                  | Mkhuze          | >2015 | Retic | Magudu                          |
|                                  | Mkhuze          | >2015 | Retic | Esidakeni 3                     |
|                                  | Mkhuze          | >2015 | Retic | Dwarsland                       |
|                                  | Mkhuze          | >2015 | Retic | Hlambanyathi 2                  |
|                                  | Mkhuze          | >2015 | Retic | Cotlands                        |
|                                  | Mkhuze          | >2015 | Retic | Mpakama                         |
|                                  | Mkhuze          | >2015 | Retic | KwaMqanga                       |
|                                  | Mkhuze          | >2015 | Retic | Mpalaza (Ntshangase Trust)      |
|                                  | Mkhuze          | >2015 | Retic | Ntshangase Trust (Meriba 619)   |
|                                  | Sim Central     | 2011  | Bulk  | 250 New Bulk Gravity Pipeline   |
|                                  | Sim Central     | 2011  | Bulk  | Break pressure tank             |
|                                  | Sim Central     | >2015 | Bulk  | 110mm New Bulk Gravity Pipeline |
|                                  | Sim Central     | >2015 | Bulk  | 110mm New Bulk Gravity Pipeline |
|                                  | Sim Central     | >2015 | Bulk  | 110mm New Bulk Gravity Pipeline |
|                                  | Sim Central     | >2015 | Bulk  | 110mm New Bulk Gravity Pipeline |
|                                  | Sim Central     | >2015 | Bulk  | 110mm New Bulk Gravity Pipeline |
|                                  | Sim Central     | >2015 | Bulk  | 110mm New Bulk Gravity Pipeline |
|                                  | Sim Central     | >2015 | Bulk  | 110mm New Bulk Gravity Pipeline |
|                                  | Sim Central     | >2015 | Bulk  | 160 New Bulk Gravity            |
|                                  | Sim Central     | >2015 | Bulk  | 160kl reservoir                 |
|                                  | Sim Central     | >2015 | Bulk  | 180kl reservoir                 |
|                                  | Sim Central     | >2015 | Bulk  | 2.29Ml reservoir                |
|                                  | Sim Central     | >2015 | Bulk  | 640kl reservoir                 |
|                                  | Sim Central     | >2015 | Bulk  | 640kl reservoir                 |
| uPhongolo Municipality           | Sim Central     | >2015 | Bulk  | 90 New Bulk Gravity Pipeline    |
|                                  | Sim Central     | >2015 | Bulk  | Break pressure tank             |
|                                  | Sim Central     | >2015 | Retic | Ehlanzeni                       |
|                                  | Sim Central     | >2015 | Retic | Chicago (Highlands B)           |
|                                  | Sim Central     | >2015 | Retic | Mabonjane                       |
|                                  | Sim Central     | >2015 | Retic | Mafindose                       |
|                                  | Sim Central     | >2015 | Retic | Klipwal                         |
|                                  | Sim Central     | >2015 | Retic | Dlomodlomo 1                    |
|                                  | Sim Central     | >2015 | Retic | Mfenyane                        |
|                                  | Sim Central     | >2015 | Retic | Kwesimhlophe (Manyandeni)       |
|                                  | Sim Central     | >2015 | Retic | Gabela (Manyandeni)             |
|                                  | Sim Central     | >2015 | Retic | Gabela (Manyandeni)             |



| ROLL-OUT OF WATER INFRASTRUCTURE |                 |       |       |                          |
|----------------------------------|-----------------|-------|-------|--------------------------|
| LOCAL MUNICIPALITY               | REGIONAL SCHEME | YEAR  | TYPE  | DESCRIPTION              |
|                                  | Sim Central     | >2015 | Retic | Kwazibhedlu              |
|                                  | Sim Central     | >2015 | Retic | Nyawoshane               |
|                                  | Sim Central     | >2015 | Retic | Gaga (Inqabayamantungwa) |
|                                  | Sim East        | 2011  | Bulk  | Waterloss Monitoring     |
|                                  | Sim East        | 2013  | Bulk  | Upgrade WTW              |

**Table 10.2: Roll-out of Sanitation Services**

| SANITATION SERVICES ROLL-OUT |             |                                            |      |                   |
|------------------------------|-------------|--------------------------------------------|------|-------------------|
| LOCAL MUNICIPALITY           | YEAR SERVED | SETTLEMENT NAME                            | WARD | HOUSEHOLDS SERVED |
| Abaqulusi Municipality       | 2011-2012   | Mabona                                     | 12   | 68                |
|                              | 2011-2012   | Weltevreden 1                              | 4    | 27                |
|                              | 2011-2012   | Zondo Trust Madundwini (Christinasdal 480) | 4    | 80                |
|                              | 2011-2012   | Esigubudu                                  | 4    | 30                |
|                              | 2011-2012   | Ntshidane                                  | 4    | 68                |
|                              | 2011-2012   | New                                        | 4    | 29                |
|                              | 2011-2012   | New                                        | 4    | 14                |
|                              | 2011-2012   | Nsonyane                                   | 2    | 41                |
|                              | 2011-2012   | Ntendeka 3                                 | 2    | 61                |
|                              | 2011-2012   | Emsagweni                                  | 5    | 23                |
|                              | 2011-2012   | Frischgewaagd 179 (Ntabankulu)             | 5    | 18                |
|                              | 2011-2012   | Msagweni                                   | 5    | 17                |
|                              | 2011-2012   | Mdundubenzi                                | 15   | 56                |
|                              | 2011-2012   | Ngonini                                    | 15   | 43                |
|                              | 2011-2012   | Gwebu CPA (In Memorium)                    | 12   | 12                |
|                              | 2011-2012   | Gwebu CPA (Rooikop 43)                     | 12   | 12                |
|                              | 2011-2012   | Esikhaleni 3                               | 6    | 45                |
|                              | 2011-2012   | Driekwart                                  | 12   | 10                |
|                              | 2011-2012   | New                                        | 4    | 33                |
|                              | 2012-2013   | Madresi D2                                 | 20   | 305               |
|                              | 2012-2013   | Mphezulu                                   | 15   | 395               |
|                              | 2012-2013   | St Paul                                    | 15   | 272               |
|                              | 2012-2013   | Nhloshana                                  | 15   | 102               |
|                              | 2012-2013   | Khuthuza                                   | 15   | 90                |
|                              | 2012-2013   | Gwebu CPA (Kromellenboog)                  | 12   | 190               |
|                              | 2012-2013   | Gwebu CPA (Eerstepunt 46)                  | 12   | 93                |
|                              | 2013-2014   | Phembukthula                               | 20   | 594               |
|                              | 2013-2014   | Purim                                      | 16   | 552               |
|                              | 2013-2014   | Ezidulini                                  | 15   | 668               |
|                              | 2013-2014   | Ncengumusa                                 | 16   | 421               |
| eDumbe Municipality          | 2011-2012   | Jabula                                     | 1    | 32                |
|                              | 2012-2013   | Ntungweni                                  | 6    | 186               |
| Nongoma Municipality         | 2011-2012   | Iqonqo                                     | 13   | 176               |
|                              | 2011-2012   | Manzawayo                                  | 13   | 52                |
|                              | 2011-2012   | Enkingeni                                  | 13   | 108               |
|                              | 2011-2012   | Kwa Gwaqaza                                | 12   | 89                |
|                              | 2011-2012   | Nqobuzulu                                  | 12   | 47                |
|                              | 2011-2012   | Mashemhlophe                               | 12   | 202               |
|                              | 2011-2012   | Phenyane 1                                 | 15   | 286               |
|                              | 2011-2012   | Esikhaleni 1                               | 9    | 134               |
|                              | 2011-2012   | White City                                 | 9    | 315               |
|                              | 2011-2012   | Lindizwe                                   | 9    | 421               |
|                              | 2011-2012   | Nsimbini                                   | 14   | 102               |
|                              | 2011-2012   | Shisuthu                                   | 14   | 103               |
|                              | 2011-2012   | Mission 1                                  | 10   | 201               |
|                              | 2011-2012   | Qanda 1                                    | 6    | 48                |
|                              | 2011-2012   | Kwampaza                                   | 6    | 270               |
|                              | 2011-2012   | Ezibomvini                                 | 6    | 135               |
|                              | 2011-2012   | Khenani                                    | 6    | 227               |
|                              | 2011-2012   | Dushwini                                   | 6    | 149               |
|                              | 2011-2012   | Esiphambeneni                              | 6    | 161               |
|                              | 2011-2012   | Cabowakhe                                  | 6    | 28                |
|                              | 2011-2012   | Phumanyova                                 | 6    | 35                |
|                              | 2011-2012   | Maggelweni                                 | 4    | 214               |
|                              | 2011-2012   | Ncemaneni                                  | 8    | 89                |
|                              | 2011-2012   | Bhekumthetho 2                             | 8    | 228               |
|                              | 2011-2012   | Phenyane 2                                 | 15   | 88                |
|                              | 2011-2012   | Soshamase                                  | 17   | 87                |
|                              | 2011-2012   | Kwaminyanya                                | 13   | 123               |
|                              | 2011-2012   | Itshodo                                    | 14   | 80                |

| SANITATION SERVICES ROLL-OUT |             |                    |      |                   |
|------------------------------|-------------|--------------------|------|-------------------|
| LOCAL MUNICIPALITY           | YEAR SERVED | SETTLEMENT NAME    | WARD | HOUSEHOLDS SERVED |
| Nongoma Municipality         | 2011-2012   | Entuthukweni       | 11   | 96                |
|                              | 2011-2012   | SiDakeni           | 11   | 20                |
|                              | 2011-2012   | Khanjaneni         | 11   | 38                |
|                              | 2011-2012   | Singangeni         | 11   | 51                |
|                              | 2011-2012   | Nkukhwini          | 1    | 47                |
|                              | 2012-2013   | Ezilonyeni         | 14   | 141               |
|                              | 2012-2013   | Masundwini         | 9    | 207               |
|                              | 2012-2013   | Elanjani/Msasanani | 11   | 133               |
| Ulundi Municipality          | 2011-2012   | Glogabela/Mpayini  | 10   | 45                |
|                              | 2011-2012   | Nhlalagithini      | 10   | 46                |
|                              | 2011-2012   | Ezibindini         | 10   | 55                |
|                              | 2011-2012   | Kwavilakazi 2      | 14   | 226               |
|                              | 2011-2012   | Kwamkhize          | 10   | 77                |
|                              | 2011-2012   | Mthinzima          | 17   | 37                |
|                              | 2011-2012   | Mbudle             | 17   | 140               |
|                              | 2011-2012   | Ziponga            | 17   | 31                |
|                              | 2011-2012   | Mpungamhlope       | 13   | 311               |
|                              | 2011-2012   | Magayiseni         | 3    | 39                |
|                              | 2011-2012   | Dakaneni           | 3    | 31                |
|                              | 2011-2012   | Chibini 3          | 4    | 101               |
|                              | 2011-2012   | Ntontiyane         | 9    | 97                |
|                              | 2011-2012   | Ekudubekeni        | 9    | 18                |
|                              | 2011-2012   | Dunge              | 9    | 136               |
|                              | 2011-2012   | Gwabini            | 11   | 50                |
|                              | 2011-2012   | Vezunyawo 2        | 9    | 137               |
|                              | 2011-2012   | Emaqeleni          | 9    | 49                |
|                              | 2011-2012   | M Bululusa         | 9    | 132               |
|                              | 2011-2012   | Mphothi (Ezibomvu) | 17   | 115               |
|                              | 2011-2012   | Mphothi            | 17   | 28                |
|                              | 2011-2012   | Cisholo            | 17   | 82                |
|                              | 2011-2012   | Nkiliji            | 20   | 48                |
|                              | 2011-2012   | Kwangono Mbambo 2  | 17   | 15                |
|                              | 2011-2012   | Skhume             | 23   | 36                |
|                              | 2011-2012   | Nobambo            | 23   | 22                |
| Ulundi Municipality          | 2011-2012   | Senzangakhona      | 23   | 87                |
|                              | 2011-2012   | Mpayini            | 23   | 57                |
|                              | 2011-2012   | Othini 2           | 11   | 99                |
|                              | 2011-2012   | Zenzele            | 24   | 55                |
|                              | 2011-2012   | Kwathuthu          | 24   | 20                |
|                              | 2011-2012   | Nkonjane           | 24   | 136               |
|                              | 2011-2012   | Tshiyazame         | 14   | 52                |
|                              | 2011-2012   | Vezunyamo 1        | 20   | 51                |
|                              | 2011-2012   | Bhengisilwane      | 14   | 33                |
|                              | 2011-2012   | Newland            | 20   | 18                |
|                              | 2012-2013   | Bhoholo            | 3    | 178               |
|                              | 2012-2013   | Nhlonga            | 2    | 96                |
|                              | 2012-2013   | Isihulu            | 3    | 112               |
|                              | 2012-2013   | Nhlatwini          | 3    | 260               |
|                              | 2012-2013   | Ngubaneni          | 4    | 94                |
|                              | 2012-2013   | Nqwanqwasi         | 11   | 144               |
|                              | 2012-2013   | Ezibomvu           | 11   | 237               |
|                              | 2012-2013   | Thokoza 1          | 9    | 143               |
|                              | 2012-2013   | Nkomo              | 9    | 156               |
|                              | 2012-2013   | Sgodiphola         | 20   | 150               |
|                              | 2012-2013   | Kweyezulu          | 16   | 187               |
|                              | 2012-2013   | Emakhosini         | 23   | 237               |
|                              | 2012-2013   | Mabedlane 1        | 12   | 201               |
|                              | 2012-2013   | Mabedlane          | 12   | 146               |
|                              | 2012-2013   | Nqulwane           | 15   | 324               |
|                              | 2012-2013   | Nggolothi          | 24   | 117               |
|                              | 2012-2013   | Njomelwane         | 24   | 202               |
|                              | 2012-2013   | Mahlabathini       | 8    | 178               |
| uPhongolo Municipality       | 2011-2012   | Ehlanzeni          | 3    | 7                 |

| SANITATION SERVICES ROLL-OUT |             |                 |      |                   |
|------------------------------|-------------|-----------------|------|-------------------|
| LOCAL MUNICIPALITY           | YEAR SERVED | SETTLEMENT NAME | WARD | HOUSEHOLDS SERVED |
| uPhongolo Municipality       | 2011-2012   | Moyeni          | 4    | 135               |
|                              | 2011-2012   | Moya Wamampondo | 4    | 103               |
|                              | 2011-2012   | Mpemvane        | 4    | 33                |
|                              | 2011-2012   | Highlands A     | 5    | 126               |
|                              | 2011-2012   | Liba 1          | 4    | 132               |
|                              | 2011-2012   | Liba 2          | 4    | 65                |
|                              | 2011-2012   | Waterbus        | 4    | 92                |
|                              | 2011-2012   | Mabophe         | 4    | 97                |
|                              | 2011-2012   | Mabophe         | 4    | 195               |
|                              | 2011-2012   | Okhahlamba      | 7    | 44                |
|                              | 2011-2012   | Endabeni        | 7    | 223               |
|                              | 2011-2012   | Hhohho          | 8    | 51                |
|                              | 2011-2012   | Embangweni 2    | 8    | 76                |
|                              | 2011-2012   | Engwabi         | 8    | 66                |
|                              | 2011-2012   | Elangeni        | 8    | 89                |
|                              | 2011-2012   | Dwarsrand       | 1    | 83                |
|                              | 2011-2012   | Parys Trust     | 1    | 54                |
|                              | 2012-2013   | Mshololo        | 5    | 296               |
|                              | 2012-2013   | Manyandeni      | 6    | 179               |
|                              | 2012-2013   | Ezinketheni     | 8    | 124               |
|                              | 2012-2013   | Mavithi         | 11   | 156               |
|                              | 2012-2013   | Thengizwe 2     | 4    | 192               |
|                              | 2013-2014   | Thengizwe 1     | 4    | 427               |

**Table 10.3: Roll-out of Rudimentary Services**

| RUDIMENTARY SERVICES ROLL-OUT |             |                                                  |      |                   |
|-------------------------------|-------------|--------------------------------------------------|------|-------------------|
| LOCAL MUNICIPALITY            | YEAR SERVED | SETTLEMENT NAME                                  | WARD | HOUSEHOLDS SERVED |
| Abaqulusi Municipality        | 2011-2012   | Mgobhozi (Boschoek)                              | 5    | 37                |
|                               | 2011-2012   | New                                              | 5    | 76                |
|                               | 2011-2012   | New                                              | 4    | 47                |
|                               | 2011-2012   | Emandleni                                        | 1    | 34                |
|                               | 2011-2012   | Ebumnyameni                                      | 1    | 50                |
|                               | 2011-2012   | Kwafakazi                                        | 2    | 38                |
|                               | 2011-2012   | Mbokodweni 1                                     | 1    | 12                |
|                               | 2011-2012   | Ezinkalweni                                      | 1    | 18                |
|                               | 2011-2012   | Wintershoek                                      | 1    | 42                |
|                               | 2011-2012   | Ebhodweni                                        | 1    | 33                |
|                               | 2011-2012   | Mbilane                                          | 6    | 117               |
|                               | 2011-2012   | Boschoek                                         | 5    | 63                |
|                               | 2011-2012   | Endinsi                                          | 2    | 34                |
|                               | 2012-2013   | Bhobozani                                        | 15   | 246               |
|                               | 2012-2013   | Sitholinhlalala<br>(Landmansdrift/Vaalhoek)      | 1    | 102               |
|                               | 2012-2013   | Baqulusini 3                                     | 6    | 22                |
|                               | 2012-2013   | Groeneweiding Trust                              | 3    | 39                |
|                               | 2013-2014   | Emthebeni                                        | 2    | 7                 |
|                               | 2013-2014   | Ezakhiweni                                       | 1    | 25                |
|                               | 2013-2014   | Mhlangeni                                        | 15   | 220               |
|                               | 2013-2014   | Ongane 1                                         | 2    | 30                |
|                               | 2013-2014   | Kwamciyo                                         | 6    | 72                |
|                               | 2013-2014   | Mandlakayise                                     | 6    | 141               |
|                               | 2014-2015   | New                                              | 4    | 33                |
|                               | 2014-2015   | Enhlangweni                                      | 1    | 59                |
|                               | 2014-2015   | Mkhuze 2                                         | 3    | 32                |
|                               | 2014-2015   | Baqulusini 2                                     | 6    | 32                |
|                               | 2014-2015   | Thembalihle (Welverdiend)                        | 1    | 27                |
|                               | 2014-2015   | Retseb                                           | 1    | 10                |
|                               | 2014-2015   | eMkhweleni                                       | 4    | 30                |
|                               | 2014-2015   | Tholakele                                        | 2    | 7                 |
| Abaqulusi Municipality        | 2014-2015   | New                                              | 4    | 19                |
|                               | 2014-2015   | Ntabazelaga                                      | 2    | 20                |
|                               | 2014-2015   | Weltevreden 2                                    | 4    | 33                |
|                               | 2014-2015   | Gwebu CPA (A of Brakvlei 331)                    | 12   | 23                |
|                               | 2014-2015   | Kwakwavlei (Kwabhokhi)                           | 6    | 244               |
|                               | 2014-2015   | Groeneweiding 345                                | 3    | 51                |
|                               | 2014-2015   | Kwandeni (East Mine)                             | 6    | 199               |
|                               | 2014-2015   | Esikhaleni 3                                     | 6    | 45                |
| eDumbe Municipality           | 2011-2012   | Helpmekaar                                       | 7    | 79                |
|                               | 2011-2012   | Freiburg                                         | 1    | 12                |
|                               | 2011-2012   | Khambula                                         | 1    | 81                |
|                               | 2011-2012   | New                                              | 1    | 19                |
|                               | 2012-2013   | Obivane 2                                        | 1    | 20                |
|                               | 2012-2013   | Palmietfontein 5841(Mbhambazo)                   | 7    | 21                |
|                               | 2012-2013   | Baqulusini 5                                     | 7    | 15                |
|                               | 2012-2013   | Mahloni                                          | 7    | 100               |
|                               | 2012-2013   | New                                              | 7    | 22                |
|                               | 2012-2013   | Bella Vista                                      | 1    | 16                |
|                               | 2012-2013   | Mthingana                                        | 7    | 38                |
|                               | 2012-2013   | Palmietfontein (Kwambilimbhaga)                  | 7    | 52                |
|                               | 2012-2013   | Palmietfontein (Rondspring 137,<br>Kwambhedleni) | 7    | 23                |
|                               | 2013-2014   | New                                              | 1    | 23                |
|                               | 2013-2014   | New                                              | 7    | 36                |
|                               | 2013-2014   | Boschkran                                        | 1    | 13                |
|                               | 2014-2015   | Palmietfontein (Rondspring 137,<br>Gezahlala)    | 7    | 8                 |
|                               | 2014-2015   | Baqulusini 4                                     | 7    | 42                |
|                               | 2014-2015   | Ekhombela                                        | 1    | 67                |
| Nongoma Municipality          | 2011-2012   | Kwahelibhesu                                     | 10   | 13                |

| RUDIMENTARY SERVICES ROLL-OUT |             |                      |      |                   |
|-------------------------------|-------------|----------------------|------|-------------------|
| LOCAL MUNICIPALITY            | YEAR SERVED | SETTLEMENT NAME      | WARD | HOUSEHOLDS SERVED |
|                               | 2011-2012   | Ebhunge              | 9    | 87                |
|                               | 2011-2012   | Mpuphusi             | 5    | 111               |
|                               | 2011-2012   | Emkhondo             | 9    | 143               |
|                               | 2011-2012   | Enkanyezini          | 2    | 40                |
| Nongoma Municipality          | 2011-2012   | Kwa-Denge            | 9    | 228               |
|                               | 2011-2012   | Mcwabeyana           | 10   | 47                |
|                               | 2011-2012   | Nokhehleni           | 10   | 19                |
|                               | 2012-2013   | Nhloyane             | 12   | 12                |
|                               | 2012-2013   | Isizinda A           | 12   | 15                |
|                               | 2012-2013   | Holinyoka            | 9    | 240               |
|                               | 2012-2013   | Mkabane              | 6    | 57                |
|                               | 2012-2013   | Kwasicengile         | 9    | 78                |
|                               | 2012-2013   | Henenende            | 4    | 138               |
|                               | 2012-2013   | Kwadlounga           | 16   | 18                |
|                               | 2012-2013   | Sevuna               | 17   | 37                |
|                               | 2012-2013   | Emoyeni              | 16   | 142               |
|                               | 2012-2013   | Henenende (Mbonjeni) | 4    | 86                |
|                               | 2012-2013   | Mayini               | 17   | 160               |
|                               | 2012-2013   | Mhlanjeni            | 1    | 20                |
|                               | 2012-2013   | Banbelentulo         | 5    | 211               |
|                               | 2012-2013   | Ingoqongo            | 17   | 104               |
|                               | 2012-2013   | Qhoqhoza             | 16   | 135               |
|                               | 2012-2013   | Kati                 | 2    | 36                |
|                               | 2012-2013   | Engongoma            | 10   | 24                |
|                               | 2012-2013   | Bhethani             | 17   | 172               |
|                               | 2012-2013   | Ngolotshe            | 11   | 252               |
|                               | 2012-2013   | Ingundwane           | 13   | 26                |
|                               | 2012-2013   | Esiqokolweni         | 16   | 163               |
|                               | 2013-2014   | Emancwangeneni       | 17   | 32                |
|                               | 2013-2014   | Mbangweni 1          | 2    | 12                |
|                               | 2013-2014   | Emayeni              | 12   | 64                |
|                               | 2013-2014   | Ntambakasi           | 17   | 20                |
|                               | 2013-2014   | Mbengo               | 16   | 62                |
|                               | 2013-2014   | Khwabithe            | 2    | 24                |
|                               | 2013-2014   | Emgodi 1             | 12   | 96                |
|                               | 2013-2014   | Othinsangu           | 11   | 92                |
| Nongoma Municipality          | 2013-2014   | Kwankweme            | 2    | 30                |
|                               | 2013-2014   | Bhuku Elihambayo     | 7    | 13                |
|                               | 2013-2014   | Sheleza              | 12   | 44                |
|                               | 2013-2014   | Emakholweni 2        | 10   | 134               |
|                               | 2013-2014   | Nzondwane            | 7    | 33                |
|                               | 2013-2014   | Mangomhlophe-2       | 17   | 209               |
|                               | 2013-2014   | Semangadini          | 15   | 74                |
|                               | 2013-2014   | Kohlukolo            | 15   | 96                |
|                               | 2013-2014   | Nqalu                | 12   | 28                |
|                               | 2013-2014   | Mpalaza              | 16   | 22                |
|                               | 2013-2014   | Emgodi 2             | 13   | 59                |
|                               | 2013-2014   | Doncaneni            | 11   | 46                |
|                               | 2013-2014   | Esixeni              | 2    | 20                |
|                               | 2013-2014   | Echibini             | 17   | 8                 |
|                               | 2013-2014   | Ndlazini             | 12   | 51                |
|                               | 2013-2014   | Bombolo              | 2    | 162               |
|                               | 2013-2014   | Eziqhumeni 1         | 11   | 19                |
|                               | 2013-2014   | Macekaneni           | 12   | 77                |
|                               | 2013-2014   | Mthwandlana 1        | 2    | 12                |
|                               | 2014-2015   | Kwa-Ququ             | 12   | 7                 |
|                               | 2014-2015   | Makhulu              | 16   | 70                |
|                               | 2014-2015   | Ebukhalini           | 4    | 51                |
|                               | 2014-2015   | Ndindindi            | 15   | 144               |
|                               | 2014-2015   | Part of 494/Bethani  | 16   | 54                |
|                               | 2014-2015   | Dengeni              | 8    | 141               |
|                               | 2014-2015   | Esikhalenisowuwa     | 8    | 56                |
|                               | 2014-2015   | Hlambanyathi 1       | 13   | 122               |

| RUDIMENTARY SERVICES ROLL-OUT |             |                               |      |                   |
|-------------------------------|-------------|-------------------------------|------|-------------------|
| LOCAL MUNICIPALITY            | YEAR SERVED | SETTLEMENT NAME               | WARD | HOUSEHOLDS SERVED |
|                               | 2014-2015   | Ngasela                       | 16   | 21                |
|                               | 2014-2015   | Usuthu                        | 15   | 67                |
|                               | 2014-2015   | Mpunzana                      | 15   | 165               |
|                               | 2014-2015   | Egudu                         | 7    | 127               |
|                               | 2011-2012   | Ezisasameni                   | 24   | 31                |
| Ulundi Municipality           | 2011-2012   | Mhlangandlovu                 | 2    | 59                |
|                               | 2011-2012   | Emandlovini                   | 13   | 39                |
|                               | 2011-2012   | Amaphiva                      | 7    | 144               |
|                               | 2011-2012   | New                           | 16   | 23                |
|                               | 2011-2012   | Ntabayezulu                   | 15   | 38                |
|                               | 2011-2012   | Mbanda 2                      | 14   | 33                |
|                               | 2011-2012   | Ntabankulu                    | 15   | 27                |
|                               | 2011-2012   | Sanuka                        | 8    | 49                |
|                               | 2011-2012   | Ezimqageni                    | 2    | 34                |
|                               | 2011-2012   | Esidakeni 2                   | 4    | 340               |
|                               | 2011-2012   | Pelepele                      | 7    | 26                |
|                               | 2011-2012   | Esiphethu                     | 8    | 38                |
|                               | 2011-2012   | Themalihle                    | 14   | 23                |
|                               | 2011-2012   | Mngakwe                       | 8    | 77                |
|                               | 2011-2012   | Obhedeni                      | 2    | 31                |
|                               | 2011-2012   | Lomo/Mhluwanini               | 15   | 31                |
|                               | 2011-2012   | Tukelana 2                    | 16   | 6                 |
|                               | 2011-2012   | Brush/Nsukangihlale           | 2    | 282               |
|                               | 2011-2012   | kwamane 2                     | 7    | 43                |
|                               | 2012-2013   | Ezimfeneni                    | 24   | 66                |
|                               | 2012-2013   | Uitzicht 203                  | 16   | 17                |
|                               | 2012-2013   | Nhlohlela                     | 2    | 97                |
|                               | 2012-2013   | Siyekela                      | 2    | 80                |
|                               | 2012-2013   | Mganimbobo                    | 8    | 72                |
|                               | 2012-2013   | Bhodludaka                    | 14   | 42                |
|                               | 2012-2013   | Mandeva                       | 13   | 9                 |
|                               | 2012-2013   | Sikhumbeni                    | 5    | 74                |
|                               | 2012-2013   | Basamlilo 2                   | 24   | 57                |
|                               | 2012-2013   | Dongamahoho                   | 8    | 23                |
|                               | 2012-2013   | Mbanda 1                      | 14   | 48                |
|                               | 2012-2013   | Diabane                       | 6    | 81                |
|                               | 2012-2013   | Ombimbini 2                   | 1    | 128               |
| Ulundi Municipality           | 2012-2013   | Ogade 1                       | 13   | 54                |
|                               | 2012-2013   | Hluthy                        | 2    | 14                |
|                               | 2012-2013   | Xasane 1                      | 7    | 36                |
|                               | 2012-2013   | Lomo/Mlaza                    | 15   | 40                |
|                               | 2012-2013   | Qaba                          | 16   | 25                |
|                               | 2012-2013   | Witpoort                      | 16   | 11                |
|                               | 2012-2013   | Mwasomhobisa                  | 8    | 15                |
|                               | 2012-2013   | Kwanodwengu                   | 14   | 18                |
|                               | 2012-2013   | Ntambonde                     | 5    | 58                |
|                               | 2012-2013   | Qubeni                        | 7    | 21                |
|                               | 2012-2013   | Mashiyane                     | 6    | 126               |
|                               | 2012-2013   | Ntongwana (Uitzondering Farm) | 16   | 23                |
|                               | 2012-2013   | Nangizimu 1                   | 1    | 32                |
|                               | 2012-2013   | Mbundu                        | 16   | 42                |
|                               | 2012-2013   | Cokolo                        | 16   | 46                |
|                               | 2012-2013   | Xasane 2                      | 7    | 16                |
|                               | 2012-2013   | Xolo                          | 8    | 145               |
|                               | 2012-2013   | Tukelana 1                    | 16   | 8                 |
|                               | 2013-2014   | Nqabeni                       | 7    | 28                |
|                               | 2013-2014   | Isiphethu                     | 8    | 67                |
|                               | 2013-2014   | Chibini 2                     | 8    | 32                |
|                               | 2013-2014   | Ezikhumbeni                   | 24   | 88                |
|                               | 2013-2014   | Godlankomo                    | 3    | 236               |
|                               | 2013-2014   | Njojwanana                    | 14   | 64                |
|                               | 2013-2014   | Bhungwane                     | 7    | 84                |
|                               | 2013-2014   | Isiguqa                       | 8    | 19                |



| RUDIMENTARY SERVICES ROLL-OUT |             |                               |      |                   |
|-------------------------------|-------------|-------------------------------|------|-------------------|
| LOCAL MUNICIPALITY            | YEAR SERVED | SETTLEMENT NAME               | WARD | HOUSEHOLDS SERVED |
|                               | 2013-2014   | Bhokweni 1                    | 7    | 14                |
|                               | 2013-2014   | Jordaan 656 (Zulu Rock)       | 16   | 35                |
|                               | 2013-2014   | Phethu                        | 2    | 47                |
|                               | 2013-2014   | Esphiva                       | 7    | 87                |
|                               | 2013-2014   | Nangizimu 2                   | 1    | 63                |
|                               | 2013-2014   | Silanda                       | 1    | 30                |
| Ulundi Municipality           | 2013-2014   | Chibini 1                     | 8    | 43                |
|                               | 2013-2014   | Nangizimu 3                   | 1    | 37                |
|                               | 2013-2014   | Nsingizane 1                  | 16   | 20                |
|                               | 2013-2014   | Sofanweni                     | 7    | 91                |
|                               | 2013-2014   | Mpangeleni                    | 7    | 55                |
|                               | 2013-2014   | Thusini                       | 7    | 35                |
|                               | 2013-2014   | Tukelana 3                    | 16   | 26                |
|                               | 2013-2014   | Mbombo                        | 16   | 38                |
|                               | 2013-2014   | Ezikwebezani                  | 1    | 100               |
|                               | 2013-2014   | Ensileni                      | 13   | 10                |
|                               | 2013-2014   | Ezimfabeni                    | 5    | 118               |
|                               | 2014-2015   | Kwankakazi                    | 16   | 21                |
|                               | 2014-2015   | Mbekuzeni                     | 16   | 52                |
|                               | 2014-2015   | Kwadayeni                     | 5    | 43                |
|                               | 2014-2015   | Nkaphani                      | 17   | 78                |
|                               | 2014-2015   | Ezibomvu                      | 1    | 41                |
|                               | 2014-2015   | Uitkyk Farm                   | 13   | 20                |
|                               | 2014-2015   | Ekujulukeni 2                 | 24   | 90                |
|                               | 2014-2015   | Mpembeni                      | 16   | 33                |
|                               | 2014-2015   | Nomponjwana                   | 2    | 40                |
|                               | 2014-2015   | Ezihlaqeni                    | 2    | 31                |
|                               | 2014-2015   | Nqabeni                       | 7    | 34                |
|                               | 2014-2015   | Kwasaku                       | 5    | 29                |
|                               | 2014-2015   | Ndwaleni                      | 5    | 34                |
|                               | 2014-2015   | Okhozaneni                    | 14   | 37                |
|                               | 2014-2015   | Mshiqo                        | 20   | 27                |
|                               | 2014-2015   | Mgxotshwa                     | 2    | 11                |
|                               | 2014-2015   | Odizima                       | 5    | 45                |
|                               | 2014-2015   | Zilulwane                     | 14   | 43                |
|                               | 2014-2015   | Hlangeni                      | 0    | 30                |
| uPhongolo Municipality        | 2011-2012   | Berdina                       | 1    | 29                |
|                               | 2012-2013   | Esidakeni 3                   | 1    | 38                |
|                               | 2012-2013   | Kwabanakile                   | 1    | 128               |
|                               | 2012-2013   | Baqulusini 1                  | 1    | 20                |
|                               | 2012-2013   | Nyaliza                       | 1    | 14                |
|                               | 2013-2014   | Dwarland                      | 1    | 50                |
|                               | 2013-2014   | KwaMqanga                     | 1    | 31                |
|                               | 2014-2015   | Ntshangase Trust (Meriba 619) | 1    | 65                |
|                               | 2014-2015   | Mpalaza (Ntshangase Trust)    | 1    | 20                |
|                               | 2014-2015   | Berdina                       | 1    | 18                |
|                               | 2014-2015   | Kwamalinga                    | 1    | 17                |