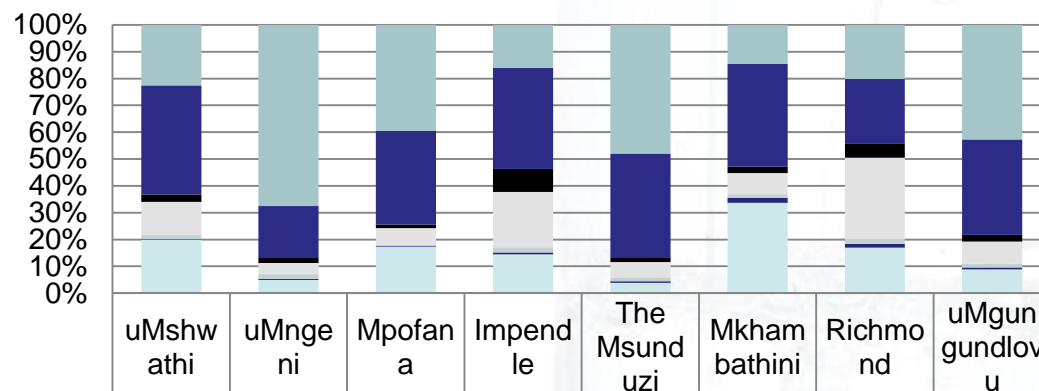




Percentage of households with access to piped water, uMgungundlovu District=91.1% Source: Census 2011



■ Piped (tap) water inside dwelling/institution	22.6	67.5	39.5	16.0	47.9	14.5	20.2	42.7
■ Piped (tap) water inside yard	40.7	19.1	35.0	37.7	38.6	38.3	23.9	35.6
■ Piped (tap) water on community stand: distance between 200m and 500m from dwelling/institution	2.7	2.2	1.4	8.5	1.9	2.4	5.5	2.4
■ Piped (tap) water on community stand: distance less than 200m from dwelling/institution	12.4	4.1	6.2	20.6	5.7	7.8	30.3	8.3
■ Piped (tap) water on community stand: distance between 500m and 1000m (1km) from dwelling/institution	1.4	1.8	0.4	1.9	1.4	1.3	1.7	1.4
■ Piped (tap) water on community stand: distance greater than 1000m (1km) from dwelling/institution	0.3	0.4	0.3	0.8	0.6	1.9	1.5	0.7
■ No access to piped (tap) water	19.8	4.9	17.3	14.4	3.9	33.7	16.9	8.9



uMGUNGUNDLOVU
UMASIPALA WESTIFUNDA
DISTRICT MUNICIPALITY
DISTRIK MUNISIPALITEIT



Status Quo

Please note: Total uMDM households: 272666 and total population: 10 17 763 in Census 2011

uMDM Non-Revenue Water status – 57% according to the recent investigations.

Households without access to piped water – 24 290 or 8.9% (Census 2011)

Households without access to sanitation services – 8 394 or 3%(Census 2011)

Ageing / undersized water and sanitation infrastructure

Lost revenue resulting from incorrect meter readings, faulty water meters resulting on poor billing.



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DISTRICT MUNICIPALITY
DISTRIK MUNISIPALITEIT

PROBLEMS AND RESOLUTIONS:

uMDM Non-Revenue Water status – 57% according to the recent investigations

- uMgungundlovu DM (uMDM) has received ACIP allocation from DWS to address WC/WDM. This funding is being utilised to replace faulty water meters in the uMngeni LM area. This will contribute in terms of water balancing exercise which is currently impractical at this stage.
- uMDM priority is to replace old Asbestos Cement pipes in most of small towns such as Howick, Hilton, Merrivale, Mpophomeni, Wartburg, Richmond, Camperdown, and Mooi River. This ageing infrastructure which is approx 60 years old is believed to be the largest contributor of water loss. These projects will now be split into zones. This will result on early warning signal when there are water leaks on the system and can be addressed sooner. We have already began with the replacement of a 355 mm dia pipeline in Hilton. The Hilton & Merrivale are at tender stage, we anticipate going to construction in May 2015. Other AC projects are still at design stages.
- uMDM is also moving away from the basic level of service water projects (200m radius communal stand pipes). Over the years we have learnt that communities abuse water on those stand pipes. The other measure problem is that once the projects are complete, communities will do illegal connections which increases the percentage of water loss. uMDM believes that community will take full responsibility for water if its within their yards and they pay for services rendered.

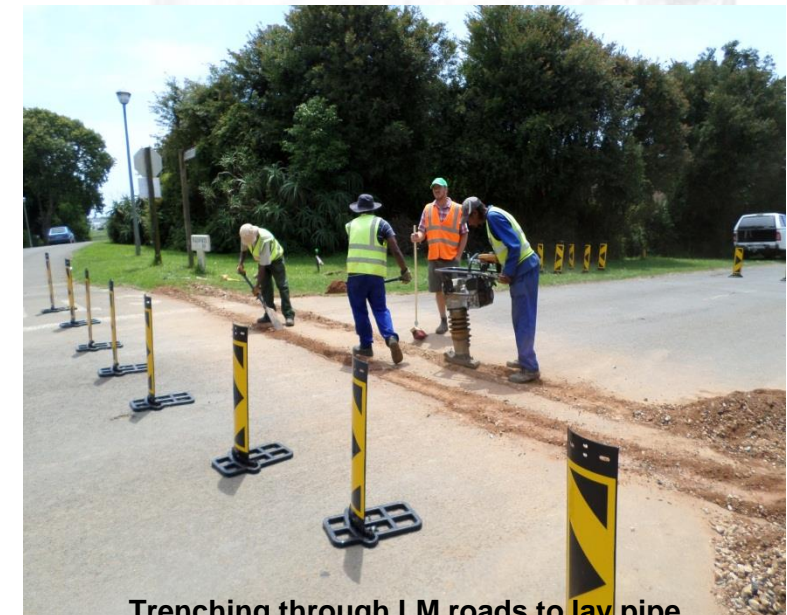




Pipe Jacking under the N3 Highway



Pipe Trenching



Trenching through LM roads to lay pipe





I THANK YOU

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