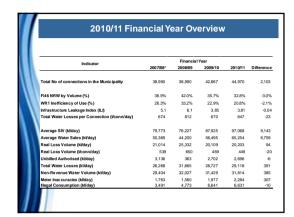
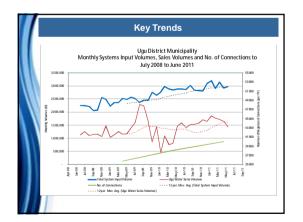
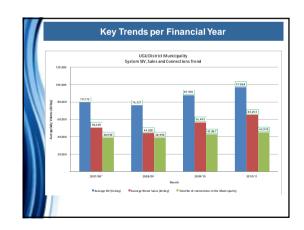
Ugu District Municipality
Water Conservation/Demand
Management

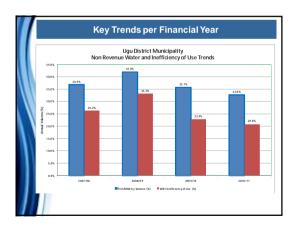
Update on Non-Revenue Water
Reduction Programme:
2010/11 Financial Year

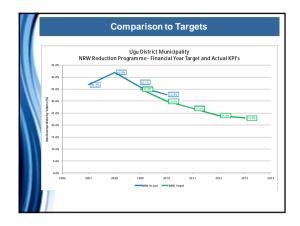


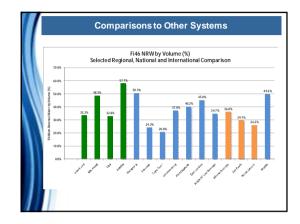
/	2010/11 Financial Year Key Statistics
	The number of registered connections increased by 2 103 Average daily purchases from Umgeni Water/Ugu production of water increased by 9 143 kl Average daily sales to customers increased by 8 759 kl Non-Revenue Water volumes increased by an average of 385 kl/day Unbilled Authorised and Illegal Connection Consumption decreased by an average of 16 kl/day Non-Revenue Water improved by 3,0% Inefficiency of Use of Water Resources, which essentially measures the physical leak or real loss volume, improved by 2,1% Total Water Losses per Connection improved by 23 litres/connection/day

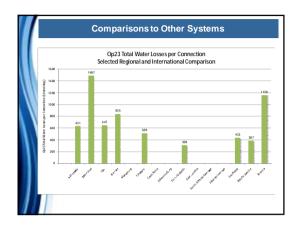




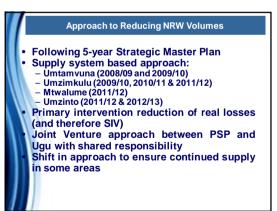






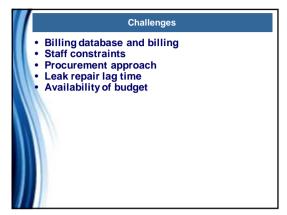


System/Town	Number of Registered Connections	ILI	Real Losses pe Connection (I/conn/day)
eThekwini	460 723	6,8	448
Msunduzi	55 167	10,7	1 086
Ugu	44 970	3,8	449
iLembe	30 475	5,7	672





	Intervention Description	Verifiable Impact NRW (MI/day)
Real Loss Rea	duction:	
Leak Detectio	n and Repair	-1.5
Pressure Red		-2.9
Advanced Pre	essure Management	-0.2
Sub-Total Re	al Loss Reduction	-4.6
Billing Improve	ement:	
	ete connections	7.1
Meter replace	ments	1.3
Standpipe me		0
	llegal connections	0
Sub-Total Bil	ling Improvement	8.4





## 2011/12 Action Plan

- Complete all outstanding activities in the Umtamvuma system (pressure management, leak detection and free basic water monitoring)
- Complete all outstanding activities in the Umtamvuma system (pressure management, leak detection and free basic water monitoring)
- Move into the Mtwalume system as a matter of urgency (pressure management, leak detection and free basic water monitoring)

## 2011/12 Action Plan

- Move into the Umzinto system after commencing in the Mtwalume system (pressure management and free basic water monitoring)
- Construct and commission leak detection training rig
- Complete and extend all UDM staff training, support and mentorship