

# WATER DEMAND MANAGEMENT

EMFULENI PROGRESS TO  
DATE

12 APRIL 2011

DWAF REGIONAL OFFICE

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## EMFULENI NORTH



## EMFULENI SOUTH



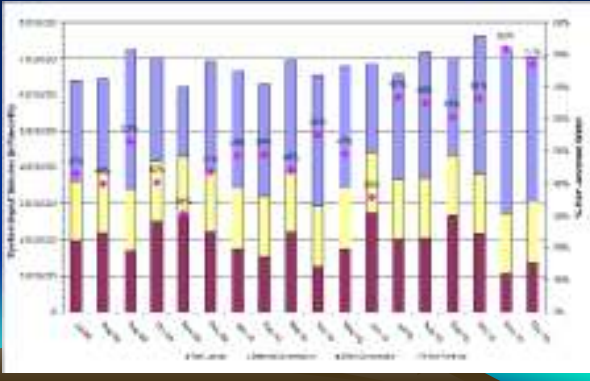
## Rand Supply Points

- Vereeniging (Jul-Dec 10) - 11461843kl
- Evaton(Jul-Dec 10) - 11181610kl
- Lekoa(Jul-Dec 10) - 7979300kl
- Vanderbijlpark(Jul-Dec 10)-12263097kl
- Total = 42,885,850kl

## Municipal Consumption Jun- Dec-10

- Rand Water purchase 42,885,850kl
- Deemed Consumption-10,063,920kl
- Billed Consumption-11,342,885kl
- Total losses - 21,475,075kl
- Percentage losses = 50.08%

## Water Balance



## Previous Trends 06/07

- Rand Water = 71,443,119kl
- Deemed Consumption-20,127,840kl
- Billed Consumption- 27,356,795kl
- Total losses – 23,958,484kl
- Percentage losses = 34%

## Previous Trends 08/09

- Rand Water = 79,073,757kl
- Deemed Consumption-20,127,840kl
- Billed Consumption- 25,225,622kl
- Total losses – 33,720,295kl
- Percentage losses = 43%

## Previous Trends 09/10

- Rand Water = 80,584,855kl
- Deemed Consumption-20,127,840kl
- Billed Consumption- 24,568,591kl
- Total losses – 35,884,715kl
- Percentage losses = 45%

## Previous Trends 07/08

- Rand Water = 74,840,276kl
- Deemed Consumption-20,127,840kl
- Billed Consumption- 29,541,740kl
- Total losses – 25,170,696kl
- Percentage losses = 34%

## Scope Going Forward

- Meter Audit and Uploading = 69,104
- Meter Replacement = 12,457
- Meter installation (un-metered) = 5,457
- Re-Locate pipes = 19,885 m
- Retrofitting = 95,799
- Cost Estimate R183m

## Progress To date

- Completed 30% Meter audit of Sebokeng/Evaton Area
- Comprehensive BP to source funds (PPP, any funders)
- Reports for reservoirs leak are in place
- Out on tender for Palm Springs Rand water connection
- Procured 1000 water meters

## Constraints

- Funds
- Shortage of Skills
- Policies and By-laws
- Ring-fencing of the water unit

THANK YOU