

RESUBMISSION - DRAFT - LANGEBERG MUNICIPALITY DROUGHT MANAGEMENT POLICY (16/1/6)
(DIRECTOR ENGINEERING SERVICES)

Purpose of Report

To re-submit a Drought Management Policy for Langeberg Municipality, to Council for approval.

Background

Relevant documentation **is attached to this report.**

Langeberg Municipality must have a Drought Management Policy in place to address possible future drought situations, periods of low rainfall, or insufficient raw water resources to address the needs of the residents of Langeberg.

It is also essential that at times of a disaster caused by drought to have proper preventative procedures and systems in place to alleviate the situation.

The most effective way to reduce water consumption in times of water shortages is to increase tariffs for excessive usage. Various other restrictive measures are also included in the policy and will have to be enforced through strict law enforcement.

The Breede River and the Brandvlei Dam serves as the main raw water sources for Ashton, Montagu and Bonnievale. Robertson also receives raw water from these sources but these sources are augmented from supply from the Dassieshoek Dam. The raw water source for McGregor is the Houtbaais River that feeds into three storage dams namely the Vaaldam, Rooidam and Nuwe Dam.

Three stages of water restrictions are proposed namely Stages 1, 2 and 3. The factors that trigger these stages are however too complex to pre-define, as the Breed River/Brandvlei Dam system and other water supply systems in the Langeberg Area are operated as an integrated system whilst the time of year-demand (due to irrigation needs) and seasonal rainfall forecasts also plays a role.

It is therefore proposed that the implementation of any stage of water restriction for Langeberg Municipality be done in collaboration with the Central Breede River Water User Association including the Marthinus Vlei Water User Association, the McGregor Irrigation Board, the Hoops River Water User Association and the Willem Nels River Water User Association

The approved increases in water tariffs for the different stages of water restrictions are as follow:

Stage 1:	Usage above 30 kl/month:	+ 50%
Stage 2:	Usage above 15kl./month:	+100%
Stage 3:	Usage above 6kl./month:	+200%

The increase in water tariffs for the different stages of water restrictions as well as the impact thereof are illustrated in the table below and include comparisons with the restrictive tariffs from other local authorities.

LANGEBERG MUNICIPALITY				
Consumption (kl)	Tariff 2016/17 (R/kl/month)			
	No Restrictions	Stage 1 Restrictions	Stage 2 Restrictions	Stage 3 Restrictions
0 – 6	R 2.20	R 2.20	R 2.20	R 2.20
6 – 15	R 5.08	R 5.08	R 5.08	R 15.24
15 – 30	R 5.23	R 5.23	R 10.46	R 15.69
30 – 40	R 5.39	R 8.09	R 10.78	R 16.17
40 – 60	R 6.80	R 10.20	R 13.60	R 20.40
>60	R 6.99	R 10.49	R 13.98	R 20.97
Total cost of 50 kl/month	R 259.27	R 320.27	R 459.62	R 751.41
Total cost of 100 kl./month	R 606.87	R 841.87	R 1 154.82	R 1 794.21

Breede Valley Municipality (No restrictions currently applicable)		
	No Restrictions	Stage 1 Restrictions (10%)
Total cost of 50 kl/month	R 359.60	R 517.55
Total cost of 100 kl./month	R 1061.50	R 1 649.15
City of Cape Town (Stage 2 restrictions currently applicable)		
	No Restrictions	Stage 2 Restrictions (20%)
Total cost of 50 kl/month	R 962.63	R 1313.95
Total cost of 100 kl./month	R 2 806.13	R 5 409.95

The Manager: Civil Engineering Services compiled a comprehensive Drought Management Plan for Langeberg Municipality (**attached to this report**) with individual strategies for each town, as the raw water sources are not the same for each town.

This policy was submitted to Council previously and served before Council on 19 April 2016 where it was resolved that the report be referred back and that the Drought Management Policy be discussed comprehensively at a workshop to be arranged as soon as possible.

The policy was, however, amended with regards to the factors that trigger the proposed 3 stages of water restrictions and is hereby re-submitted for approval.

RECOMMENDED

That the Drought Management Policy for Langeberg Municipality be approved.

This item served before the Engineering Services Portfolio Committee on 07 November 2016
Hierdie verslag het voor die Ingenieursdienste Portefeulje Komitee gedien op 07 November 2016
Aanbeveling / Recommendation

That the Draft Drought Management Policy for Langeberg Municipality be approved in principle, whereafter it be referred for public participation and then be resubmitted for consideration.

This item served before the Executive Mayoral Committee on 22 November 2016
Hierdie item het gedien by die Uitvoerende Burgemeesterskomitee op 22 November 2016
Recommendation / Aanbeveling

That the Draft Drought Management Policy for Langeberg Municipality be approved in principle, whereafter it be referred for public participation and then be resubmitted for consideration.

Hierdie verslag het voor die Raad gedien op 06 Desember 2016
This item served before Council on 06 December 2016
Eenparig Besluit / Unanimously Resolved

1. That the matter of leaking taps and the simultaneous loss of water clearly be brought to the attention of the public and be included in the policy.
2. That the turn-around time for the fixing of pipe bursts and leaks, which lead to a great loss of water, receive special attention in the policy.
3. That after the abovementioned amendments, the Draft Drought Management Policy for Langeberg Municipality be approved in principle, whereafter it be referred for public participation and then be resubmitted for consideration to Council.