



water affairs

Department:
Water Affairs
REPUBLIC OF SOUTH AFRICA

Blue Drop System



TSWELOPELE LOCAL MUNICIPALITY

2011 MUNICIPAL SCORE (2012 REPORT)

OVERALL SCORE: 92.42 %

WATER SUPPLY SYSTEMS ASSESSED 2011

Bultfontein Supply Zone:

Supply Area: Bultfontein / Phahameng: 97.97 %

Hoopstad Supply zone

Supply Area: Hoopstad / Tikwana 91.78 %

Regulatory Comments 2011

The Department applauds Tswelopele Local Municipality for improving all aspects of their drinking water quality management procedures. Maintaining the momentum is likely to result in the Department awarding Tswelopele with Blue Drop status next year. A specific note of appreciation is due for the preparedness of the municipal officials - a presentation at the start of the on-site inspection provided a good overview of the business. The municipal officials were also praised for promptly providing outstanding information and using the confirmation session to confirm correctness of the 2012 Blue Drop assessment. Furthermore, the DWA acknowledges the municipality for maintaining the monitoring of the quality of water supplied to residents since July 2010 and the improvements in submission of information to the Blue Drop System.

In their striving for excellence, in future, Tswelopele is encouraged to maintain and sustain operational monitoring at both of the treatment plants. The WSA are recommended to contact the DWA Regional Office to enquire about the equipment believed to be outstanding, or alternatively, the WSA should purchase at minimum a pH, conductivity, turbidity and residual chlorine meter. The WSA is furthermore encouraged to ensure that the recently drafted Operation and Maintenance manuals for both plants cover all the required aspects to guide process control.

While DWA will continue to make requirements available for each of the annual assessments, Tswelopele is reminded that these requirements coincide with the endeavour of the Department to communicate the criteria that must be systematically improved on to ensure that all municipalities have systems in place to ensure safe drinking water supplies. Tswelopele can continue also to use the criteria to guide their improvements, however, attainment of the criteria during a specific assessment cycle, do not imply that no further work is needed. While no penalty was applied for the recently developed O&M manuals, the WSA is nevertheless now encouraged to address the identified shortcomings.

In conclusion, the DWA again recommends that Tswelopele should confirm adequacy of the disinfection processes at both treatment plants - data still shows instances where the last barrier to protect against any unforeseen pollution event at the point-of-use has been compromised. The municipality also still has to confirm that the Process Controllers are adequate (and correctly classified) according Regulation 2834 to maintain treatment at both the plants.