INDICATOR GROUNDWATER QUALITY MONITORING GRAPHS AND GROUNDWATER QUALITY – WESTERN CAPE REGION

February 2015

The purpose of this map is to show broad trends in groundwater quality using data from the National groundwater quality monitoring programme. Samples for the National monitoring programme are collected by DWS Regional Office staff; the analyses are done by DWA staff at the Roodeplaat centre; and the data are stored on DWS's WMS (Water Management System) data base.

National groundwater quality monitoring site

Graph legend

- Calcium
- Magnesium
- Sodium
- Chloride
- Sulphate
- Elecrical Conditivity (EC)

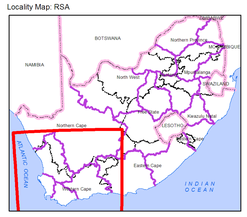
Electrical conductivity*

- 0 - 70mS/m
- 70 - 300mS/m
- 300 - 1 000mS/m
- > 1 000mS/m

*Data obtained from 1:500 000 Hydrogeological Mapping Series, 1993

- BERG — Water Management Area boundary and name
- H40K — Quartenary Drainage Region boundary & number
- River
- Provincial boundary
- Built-up area
- Road

Locality Map: RSA



water & sanitation

Department Water and Sanitation
REPUBLIC OF SOUTH AFRICA

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Ref: X:/Geohydro/Western Cape/WC_groundwater_quality-feb2015

ZQMCNW1 (1994 - June 2013)
Note: Site will be removed and replace by Citrusdal borehole.

ZQMLSF1 (1994 - Oct 2013)
Note: Not sampled in May due to wheather conditions (snow).

ZQMCLV1 (1994 - Oct 2013)
Note: Not sampled in May 2014 due to weather conditions (snow).

ZQMGWR1 (1994 - June 2013)
Note: Not sampled in May 2014.
Tap removed by Municipality, requested the replacement of the tap.

ZQMSFN1 (1994 - June 2013)
Note: Stopped. Town getting water fromdam. Borehole not a reliable source.

ZQMWAD1 (1994 - Oct 2013)
Note: Not sampled in May 2014

ZQMEBY1 (1994 - June 2013)
Note: Not sampled in May 2014. Pump not available.

ZQMPKB1 (1994 - Oct 2013)

ZQMHPF1 (1994 - April 2014)

ZQMLBW1

ZQMCER1 (1994 - March 2014)

ZQMYZF1 (1994 - April 2014)

ZQMTBG1 (1994 - March 2014)

ZQMCTN1 (1994 - April 2014)

ZQMGDN1 (1994 - March 2014)

ZQMBRN1 (1994 - March 2014)

ZQMPAA2 (1994 - May 2014)

ZQMGYS1 (1994 - July 2014)

ZQMCAL1 (1994 - March 2014)

ZQMSTR1 (1994 - May 2014)

ZQMSBM1 (1994 - July 2014)

ZQMMAT1 (1994 - April 2014)

ZQMWVL2 (1994 - April 2014)

ZQMONT1 (1994 - March 2014)

ZQMMAT3 (1994 - April 2014)

ZQMWVL1 (1994 - April 2014)

ZQMLEU1 (1994 - Sept 2013)

ZQMCED1 (1994 - June 2014)

ZQMSUT1 (1994 - Oct 2013)
Note: Not sampled in May 2014 due to weather conditions (snow).

ZQMCIT1 (1994 - March 2014)

ZQMPKB2 (1994 - Oct 2013)
Note: Not sampled in May 2014. Site to be sampled with Berg area

ZQMKUP1 (1994 - April 2014)

ZQMPAL1 (1994 - April 2014)

ZQMKGT1 (1994 - Oct 2011)

ZQMTOO1 (1994 - May 2014)

ZQMVRR1 (1994 - July 2014)

ZQMBRD2 (2001 - April 2014)

ZQMWRB1 (1994 - May 2014)

ZQMGRG1 (1994 - Oct 2013)
Note: No sample taken in May 2014 due to felling of trees.

ZQMOUQ1 (1996 - May 2014)

Bitterfontein
Nuwerus
Lutzville
Vanrhynsdorp
Vredendal
Klawer
Lambert's Bay
Graafwater
Clanwilliam
Citrusdal
Dwarskersbos
St Helenabaai
Aurora
Velddrif
Paternoster
Vredenburg
Saldanha
Langebaan
Hopefield
Koringberg
Porterville
Riebeek-kasteel
Riebeek-Wes
Yzerfontein
Darling
Malmesbury
Moorreesburg
Saron
Tulbach
Ceres
Wolseley
De Doorns
Touwsrivier
Wellington
Worcester
Rawsonville
Robertson
Montagu
Ashton
Bonnievale
Barrydale
Swellendam
Suurbraak
Heidelberg
Riversdale
Albertinia
Slangrivier
Stilbaai
Gouritsmond
Vleesbaai
Jongensfontein
Wilsand
Melkbosstrand
Bloubergstrand
Milnerton
Cape Town
Camps Bay
Hout Bay
Mitchells plain
Simon's Town
Strand
Somerset West
Stellenbosch
Franschhoek
Villiersdorp
Genadendal
Greyton
Mcgregor
Caledon
Botrivier
Grabouw
Hawston
Hermanus
Onrusrivier
Stanford
Gansbaai
Pearly Beach
Elim
Napier
Bredasdorp
Arniston
Struisbaai
Kaap Agulas
Pringle Bay
Eersterivier
Kraaifontein
Malmesbury
Atlantis
Darling
Yzerfontein
Langebaan
Hopefield
Saldanha
Velddrif
Paternoster
Vredenburg
Aurora
Dwarskersbos
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