CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

Off Jan Smuts Drive
Athlone 7764
PO Box 16548
Vlaeberg 8012
Tel No: (021) 444 9144
Fax No: (021) 444 9025

Email:Robert.Siebritz@capetown.gov.za
Enquiries:Robert Siebritz

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Report Date:2016/09/15

Directorate: Utility Services **Scientific Services**

Department: Water and Sanitation

WATER QUALITY MONITORING OF TOXINS

RONDEVLEI

SAMPLED DATE : 2016-08-23

Sample Name	Description	Sample Number	Microcystins ppb (ug/l)
RVWEIR	Rondevlei weir	954094	0.16

COMMENTS: Sample does not have significant levels of toxin detected, Below guidelines note below

Guidelines :

WHO guidelines for microcystin toxin in drinking water is 1ppb (1 ug/l) (see note 1)
WHO recreational guideline for fresh water bodies is 10ug/l total microcystins for non contact recreation (e.g. boating, fishing) (see note 2)

Note :

1. A health-based guideline value for total microcystin-LR (free plus cell-bound) of 0.001 mg/litre (1 ug/l) was derived by the World Health Organization, assuming significant exposure from drinking water.
2. For swimming and other activities where significant amounts of water will be swallowed, the World Health Organisation's Drinking Water Guideline should be used.

Technical Signatory: R. Siebritz

Laboratory Head: Biological Sciences:

(In absence Deputy signature)