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Report Date:2016/07/20

Directorate: Utility Services **Scientific Services**

Department: Water and Sanitation

WATER QUALITY MONITORING OF TOXINS

ZEEKOEVLEI

SAMPLED DATE : 2016-06-02

Sample Name	Description	Sample Number	Microcystins ppb (ug/l)
ZEV1S	Home Bay in front of Zeekoevlei Yacht	940018	10.82
ZEV3S	In front of Cape Peninsula Aquatic Club	940019	11.01

COMMENTS: TOXINS present see guidelines 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.

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(In absence Deputy signature)