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## BOREHOLE WATER QUALITY ANALYSIS RESULTS

Bacteriological analyses were carried out on contaminated borehole water samples at Cranborne Stores in Harare. The water was passed through a regulator sediment filter and a UV filter system produced by Dr Loyd Muzangwa. The analytical results are as follows

### Analytical Tests in Compliance with SAZ 569: 1997

PARAMETER	PRE TREATMENT	POST TREATMENT	Zimbabwe Standards SAZS 560:1997	
			Recommended Limit	Maximum Allowable Limit
Temperature deg C	22.5	22.6	*	*
DO % Saturation	4.2	3.1	*	*
Total Coliforms, cfu/100ml	$17 \times 10^3$	N.D	0	0
<i>E.coli</i> , cfu/100ml	$3 \times 10^3$	N.D	0	0
pH units	7.44	7.42	6.5-8.5	6.0-9.0

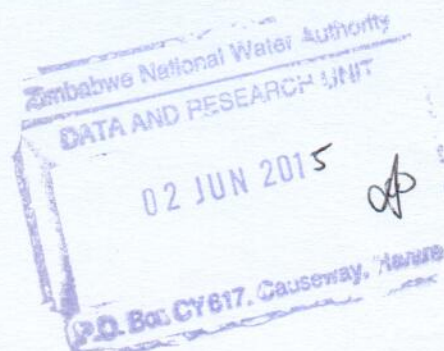
The results of show that the system effectively removes all the *Coliform* and *E.coli* bacteria in the water. The water samples were tested using membrane lauryl sulphate broth filtration method.

However, if you have any challenges, please feel free to contact Mr Nherera on 0779 994 144 (e-mail [tnherera@zinwa.co.zw](mailto:tnherera@zinwa.co.zw))

Sampled by : R. Marangarire (Q. A Technician)  
 Analysed by : M. Tinago (Q.A. Scientist)  
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