

**WATER RESOURCES:
 Microbiology Laboratory**



Name of Customer: Aveng Water
 Contact Person: Rejoyce Shilongo
 Address: P.O. Box 110, Pullenshope. 1096
 Tel: 010 205 1000
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Analytical Report

Report No. 160057

Method PMP 1 was used for the concentration and identification of *Cryptosporidium* and *Giardia* in environmental and drinking water samples. The technique is based on the US EPA method 1623.1 and consists of sample concentration, cyst/oocyst separation using immunomagnetic separation (IMS), and microscopic detection using fluorescent antibody (FA) and DAPI staining.

| Sample Name | Sample No. | Description of Sample | RESULTS | | |
|----------------|------------|-----------------------|---------------------------------------------|-----------------------------------|------------------------------|
| | | | <i>Cryptosporidium</i> oocysts count / 10 ℓ | <i>Giardia</i> cysts count / 10 ℓ | * Enteric Virus count / 10 ℓ |
| OWRP Reservoir | 1 | Water | 0 | 0 | 0 |
| OWRP Mine Feed | 2 | Water | 0 | 0 | 0 |
| OWP Hendrina | 3 | Water | 0 | 0 | 0 |

* **Not SANAS Accredited:** "Results marked "Not SANAS Accredited" in this report are not included in the SANAS Schedule of Accreditation for this laboratory / certification body / inspection body".

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Date: 25/07/2016

Gerrit Idema: 
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