



Consulting Analytical & Industrial Chemists
 Specialists in Water & Waste Water Treatment
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T0276

No. 1, Vine Park
 Vine Road
 7925
 P.O. Box 483
 WOODSTOCK, CAPE
 7915

Certificate of Analysis

ALVEO WATER**ANALYSES****EIKENHOF DAM****DATE SAMPLED :** 2020/11/25**Order Number :** JK 1436**DATE RECEIVED :** 2020/11/25**Revised/2****OUR REF. :** 2020/11/25/29285**DATE ANALYSIS****COMMENCED :** 2020/11/25**REPORT NO. :** 6044

	Sample Number	29285		
Mthd ALA No.	Analyses	Results	GENERAL AUTHORISATION (Up to 2000 cub.m)	% Uncertainty of Measurement
19	pH (at 25 °C)	6.34	5.5 – 9.5	1.5
9	Conductivity (mS/m) (at 25 °C)	7.0	70.0 Min / 150 Max	4.5
6A	Total Suspended Solids (mg/l)	9	25.0	18
95	Ammonia Nitrogen (mg/l as N)	<0.10	3.0	5.2
100	Nitrate Nitrogen. (mg/l as N)	<0.20	15.0	12.6
99	Nitrite Nitrogen (mg/l as N)	<0.20		4
101	Ortho Phosphate (mg/l as P)	<0.20	10.0	4.8
2	Chemical Oxygen Demand (mg/l)	14.2	75.0	6.8
84	E.coli (count per 100 ml)	3	1000	0.11
7	Total Dissolved Solids (mg/l)	48	-	-
96	Chloride (mg/l as Cl)	10.7	-	2.6

Sampler : CUSTOMER (DEWALD)*This report relates only to the samples tested and is issued subject to the company's standard terms and conditions of business.*



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Notes:

1. Test marked with an asterisk (*) on attached Appendix 1 (Doc. 7.8#3) are SANAS Accredited and are included in the SANAS Schedule of Accreditation for this laboratory.
2. Schedule of Accreditation excludes sampling. Where applicable pH and Free & Total Chlorine Residual results are supplied by the sampling officer and will be indicated on the Certificate of Analysis. This is marked as "Field".
3. Sampling plans are as requested by the customer. Sampling is done according to A.L. Abbott and Associates (Pty) Ltd sampling procedures which are available on request.
4. Uncertainty of Measurement and Method Description will be provided upon request.
5. Results are reported at the 95% Confidence Interval with a Coverage Factor K = 2.
6. The laboratory does not normally issue any statement of conformity, unless by prior arrangement.
Decision Rule: Results reflecting on the Certificate of Analysis are actual results as obtained at the time of testing and do not include any uncertainty consideration.
7. The quality and integrity of samples submitted has a direct correlation on the results reported. Results reflected on this report therefore relate only to the sample as received.
8. In the absence of customer specified limits, SANS 241-1:2015 or General Limits will appear, as applicable.
9. This report may not be reproduced, except in full, without the prior written approval of the laboratory.
10. Opinions and interpretations are not included in the Certificate of Analysis.

J.L. DA SILVA (Cert.Sci.Nat.)
TECHNICAL MANAGER
07 January 2021

TO: ALVEO WATER
9 van Zyl Street
Strand
Cape Town, South Africa
Att: service@alveowater.co.za

Sampler : CUSTOMER (DEWALD)

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