

Grahamstown Ostrich Export Abattoir
ATTENTION: GP Botha
Private Bag X1672
GRAHAMSTOWN
6140

Your ref: Bank deposit
Our ref: 2819
Enquiries: JA Santer
Date: 2006-12-20
Report No: 2819/H1733
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WATER SAMPLE

1 SCOPE OF ACCREDITATION

The laboratory of the SABS Water Division, Western Cape Region is accredited according to ISO/IEC 17025 and registered with SANAS (South African National Accreditation System) as an accredited laboratory.

The scope of accreditation is specific and tests, which are marked 'NA' (Not Accredited) in this report, are currently not included in the SANAS Accreditation schedule for our laboratories.

2 DESCRIPTION OF SAMPLE

The following sample was submitted by GP Botha to our Cape Town laboratory on 29 November 2006.

SABS CODE	SAMPLE DESCRIPTION
CT1899	Water sample



3 ANALYTICAL DURATION

The analysis commenced on 30 November 2006 and was completed on 20 December 2006.

NOTE: Preservation techniques used, where required, were based on the recommendations supplied in ISO 5667/3 'Guidelines on the preservation and handling of samples' and Method 1080/C 'Sample preservation' from 'Standard Methods for the Examination of Water and Wastewater', APHA-AWWA-WPCF, 1995 19th Edition.

4 RESULTS OF ANALYSIS

WATER DIVISION
Reg No T0090 CAPE TOWN - Liesbeek Park Way, Rosebank
SABS COMMERCIAL (PTY) LTD.
Reg No T0319 PRETORIA - Dr Lategan Rd, Groenkloof

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This test was performed by SABS Commercial (Pty) Ltd. This report relates only to the specific sample(s) tested as identified herein. It does not imply SABS approved of the quality and/or performance of the item(s) in question and the test results do not apply to any similar item that has not been tested. (Refer also to the complete conditions printed on the back of the official test reports.)




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4 RESULTS OF ANALYSIS

DETERMINANDS	METHOD	LAB Ref.	RESULTS
			CT1899
pH at 25°C	SANS 5011	T0090	8,6
Conductivity at 25°C in mS/m	SANS 7888	T0090	30,5
Colour in mg/L of platinum	SANS 7887	T0090	<10
Turbidity in nephelometric units	SABS SM 197	T0090	0,3
Nitrate as N in mg/L	SANS 5210	T0090	<0,3
Calcium as Ca in mg/L	SABS SM 1265	T0090	22,7
Magnesium as Mg in mg/L	SABS 1265	T0090	4,8
Total hardness as CaCO ₃ in mg/L	SABS 1265	T0090	76,4
Sodium as Na in mg/L	SABS SM 1050	T0090	29
Chloride as Cl in mg/L	SANS 374	T0090	53
Sulphate as SO ₄ in mg/L	SABS SM 1310	NA	48
Fluoride as F in mg/L	SANS 10359-1	T0090	<0,05
Cadmium as Cd in mg/L	SANS 11885	T0319	<0,003
Copper as Cu in mg/L	SANS 11885	T0319	<0,05
Iron as Fe in mg/L	SANS 11885	T0319	<0,02
Lead as Pb in mg/L	SANS 11885	T0319	<0,01
Manganese as Mn in mg/L	SANS 11885	T0319	<0,05
Zinc as Zn in mg/L	SANS 11885	T0319	<0,05
Aluminium as Al in mg/L	SANS 11885	T0319	<0,05


 J A SANTER
 PRINCIPAL TEST OFFICER
 WATER DIVISION
 WESTERN CAPE
 Santer/Water/H1733/mcromey-hawke



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