

# NELSON MANDELA METROPOLITAN MUNICIPALITY

INFRASTRUCTURE & ENGINEERING BUSINESS UNIT

SUPPORT SERVICES

SCIENTIFIC SERVICES

CERTIFICATE OF ANALYSIS

SAMPLES TAKEN AT : Kouga Municipality

SUBMITTED BY : R.J. Botha

DATE RECEIVED : 2012/08/28

DATE REPORTED : 07-09-12

P.O. Box 21, Jeffreys Bay, 6330 Fax No: 042 2008627

CERTIFICATE NO.: L 71512

ALL SAMPLES WERE ANALYSED ACCORDING TO APPROVED "STANDARD METHODS"

CHEMICAL RESULTS IN MILLIGRAMS PER LITRE ( unless otherwise stated )

Laboratory Number	71512	71612	71712	71812	71912	72012	72112						
Sample Identification	J-Bay	Thornhill	Hankey	Kruisfontein	Loerie	St Francis	KwaNomzamo						
pH	7.6	7.9	7.6	7.8	7.9	7.7	7.1						
CONDUCTIVITY at 25°C (mS / m)	225	96.9	111	122	97.4	78.2	172						
NITRATE plus NITRITE as N	0.2	1.0	0.2	18	1.8	0.3	0.2						
AMMONIA as N	28	48	75	0.4	25	26	44						
PHOSPHORUS ( TOTAL )	4.8	3.6	16	2.8	5.9	4.2	11						
RESIDUAL CHLORINE ( FREE )	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02						
CHEMICAL OXYGEN DEMAND	165	136	802	163	68	101	388						
SUSPENDED SOLIDS	74	34	488	23	9	25	134						

**COMMENTS :**

This report relates only to the sample/s supplied to the SCIENTIFIC SERVICES and does not relate to similar samples. This report may not be reproduced, except in full, without the written approval of the Manager Scientific Services. Although SCIENTIFIC SERVICES will endeavour to perform analyses correctly, neither SCIENTIFIC SERVICES nor its members shall be liable for loss or damage attributed directly or indirectly to the inaccuracy of these results or their interpretation. Samples will be disposed of within 10 working days.