

NELSON MANDELA METROPOLITAN MUNICIPALITY
INFRASTRUCTURE & ENGINEERING BUSINESS UNIT
SUPPORT SERVICES
SCIENTIFIC SERVICES
CERTIFICATE OF ANALYSIS

SAMPLES TAKEN AT : Konga Municipality
 SUBMITTED BY : R.J Botha
 DATE RECEIVED : 2012/10/31
 DATE REPORTED : 13-11-12

P.O. Box 21, Jeffreys Bay, 6130 Fax No: 042 2008627

CERTIFICATE NO: E 98312
 ALL SAMPLES WERE ANALYSED ACCORDING TO APPROVED "STANDARD METHODS"
 CHEMICAL RESULTS IN MILLIGRAMS PER LITRE (unless otherwise stated)

Sample Identification	1-Day total	Thornhill Inlet	Banker Inlet	Koussfontein Inlet	Loerie Inlet	St Francis Inlet	Kwaikonzam o Inlet	Thornhill Final	Hankey Final	Koussfontein	Loerie	St Francis	Humansdorp Kwaikonzam
pH	7.3	7.2	7.9	7.1	7.2	7.7	7.3	7.7	7.9	7.7	7.5	7.4	7.1
CONDUCTIVITY at 25°C (mS/m)	131	71.9	158	187	95.7	113	136	57.6	82.1	66.4	83.4	93.6	136
NITRATE plus NITRITE as N	0.4	0.3	0.3	0.3	0.3	0.3	0.3	1.7	0.4	0.5	0.3	1.4	0.3
AMMONIA as N	24	48	180	82	29	57	30	25	62	29	19	2.5	28
PHOSPHORUS (TOTAL)	2.9	5.9	20	16	3.7	8.6	7.3	2.2	13	4.7	4.7	2.2	8.8
RESIDUAL CHLORINE (FREE)	0.10	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.02	0.09	<0.02	<0.02	0.02	<0.02
CHEMICAL OXYGEN DEMAND	89	495	1189	2032	125	520	1154	114	135	60	83	89	287
SUSPENDED SOLIDS	46	198	464	2212	62	308	476	31	35	24	20	52	160

COMMENTS : *R.J Botha*

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ASSISTANT MANAGER SCIENTIFIC SERVICES :

R.J Botha

oct 2012.

**NELSON MANDELA METROPOLITAN MUNICIPALITY
 INFRASTRUCTURE & ENGINEERING
 SUPPORT SERVICES
 SCIENTIFIC SERVICES
 CERTIFICATE OF ANALYSIS**

CERTIFICATE P 99612	PARTICULARS OF SAMPLES : Kouga Municipality	DATE RECEIVED 2012/10/31
	SUBMITTED BY: R.J. Botha P.O. Box 21, Jeffreys Bay, 6330 Fax No: 042 2008627	DATE OF REPORT 2012/11/13
ALL SAMPLES WERE ANALYSED ACCORDING TO APPROVED "STANDARD METHODS"		
CHEMICAL RESULTS IN MILLIGRAMS PER LITRE (unless otherwise stated)		
Laboratory Number	99612	
Sample Identification	J/bay Final eff.	
pH	7.2	
CONDUCTIVITY at 25°C (mS / m)	243	
NITRATE plus NITRITE as N	0.3	
AMMONIA as N	45	
PHOSPHORUS (TOTAL)	7.3	
RESIDUAL CHLORINE (FREE)	< 0.02	
CHEMICAL OXYGEN DEMAND	604	
SUSPENDED SOLIDS	424	
COMMENTS : <i>Prody</i>		
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ASSISTANT MANAGER SCIENTIFIC SERVICES :

Prody