

Certificate Of Analysis

Report NO: I-2018-20237	Sample Description: Waste	
Customer: De Klerk Mandelstam	No of Samples: 8	Sample Condition: Room Temperature
Address: P O Box 3193 Randburg 2125	Date Received: 14-Feb-2018	Date Completed: 28-Feb-2018
Phone: 0829033301	Contact: Andre Hendricks (andre@deklerkman.co.za, johnavenga@gmail.com)	

Analysis	Unit	Lab No Sample ID Method	I-18-161740	I-18-161741	I-18-161742	I-18-161743	I-18-161744
			Test Sample #1 WWPT E.C	Test Sample #1 WWPT E.O + E.C	Test Sample #1 WWPT E.O	Test Sample #1 WWPT Control	Test #4 Croc River E.O
Chloride	mg/l Cl	CMP 27 A	45	36	48	45	
Chlorine (free) *	mg/l Cl ₂	CMP 30	0.14	0.17	0.070	0.070	0.10
Chlorine total *	mg/l Cl	CMP 30	0.19	0.20	1.4	0.070	0.18
COD	mg/l	CMP 24 A	30	30	38	142	
Electrical Conductivity	mS/m [25°C]	CMP 31	408	409	58.9	61.9	
ortho Phosphate	mg/l	CMP 27 A	1.0	1.0	0.66	0.44	
pH	pH units [25°C]	CMP 31	3.73	3.74	7.96	7.59	7.54
TSS	mg/l	CMP 16 A	143	130	39	260	
Turbidity	NTU	CMP 13 A	17	13	8.7	86	
Escherichia coli	count per 100ml	MMP 8	<1	<1	<1	48250	<1
Faecal Coliforms	count per 100ml	MMP 3	<1	<1	<1	74500	<1

Analysis	Unit	Lab No Sample ID Method	I-18-161745	I-18-161746	I-18-161747
			Test #4 Control	Simbarya Test #3 E.O	Test #3 Simbarya Water
Chlorine (free) *	mg/l Cl ₂	CMP 30	0.19	0.040	0.050
Chlorine total *	mg/l Cl	CMP 30	0.17	0.20	0.18
Electrical Conductivity	mS/m [25°C]	CMP 31		53.8	43.0
pH	pH units [25°C]	CMP 31	8.34	7.39	8.23
Turbidity	NTU	CMP 13 A		5.0	3.8
Escherichia coli	count per 100ml	MMP 8	4	<1	1
Faecal Coliforms	count per 100ml	MMP 3	7	<1	13
Total Coliforms	count per 100ml	MMP 2		<1	16

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Remarks: * Method is not SANAS accredited and is not included in the SANAS Schedule of accreditation for this laboratory.

J. Dikobe - Technical Signatory

Prudence Maroga - Technical Signatory