

MOGALE CITY LOCAL MUNICIPALITY
INFRASTRUCTURE SERVICES
ANALYTICAL RESULTS

RESERVOIR SAMPLE POINTS		JANUARY 2010						FEBRUARY 2010						MARCH 2010					
		Electricity Conductivity	pH	Turbidity	Free Chlorine	Faecal Coliforms	Escherichia Coli	Electricity Conductivity	pH	Turbidity	Free Chlorine	Faecal Coliforms	Escherichia Coli	Electricity Conductivity	pH	Turbidity	Free Chlorine	Faecal Coliforms	Escherichia Coli
		mS/m		NTU	mg/l	cfu/100ml	cfu/100ml	mS/m		NTU	mg/l	cfu/100ml	cfu/100ml	mS/m		NTU	mg/l	cfu/100ml	cfu/100ml
No.	Standard	<150	5.0-9.5	<1	N/S	0	0	<150	5.0-9.5	<1	N/S	0	0	<150	5.0-9.5	<1	N/S	0	0
1	Azaadville Old	21.1	8.19	0.15	0.40	0	0	21.8	7.60	0.46	0.35	0	0	20.7	7.79	0.11	0.50	0	0
2	Azaadville New	21.7	7.76	0.12	0.15	0	0	21.4	7.44	0.32	0.12	0	0	20.8	7.62	0.15	0.18	0	0
3	Chamdor	20.3	8.00	0.12	0.10	0	0	21.1	7.55	0.34	0.16	0	0	20.9	7.70	0.36	0.07	0	0
4	Dan Pienaarville Old	21.0	8.14	0.14	0.09	0	0	21.8	7.58	0.12	0.14	0	0	20.9	7.75	0.17	0.18	0	0
5	Dan Pienaarville New	21.7	8.21	0.29	0.13	0	0	21.4	7.63	0.11	0.11	0	0	20.5	7.74	0.07	0.14	0	0
6	Factoria	20.8	7.88	0.11	0.12	0	0	21.5	7.80	0.46	0.21	0	0	20.7	7.79	0.15	0.23	0	0
7	Kagiso	20.1	7.81	0.20	0.09	0	0	21.5	7.73	0.34	0.14	0	0	21.2	7.53	0.24	0.11	0	0
8	Kagiso 12	19.9	8.20	0.22	0.43	0	0	21.7	7.85	0.27	0.38	0	0	20.4	7.84	0.22	0.42	0	0
9	Kenmare / Silverfields	20.6	7.78	0.18	0.12	0	0	21.6	7.29	0.14	0.09	0	0	20.5	7.65	0.12	0.11	0	0
10	Krugersdorp	20.5	7.78	0.17	0.12	0	0	21.6	7.67	0.30	0.13	0	0	20.9	7.71	0.19	0.12	0	0
11	Magalies	20.1	7.99	0.21	0.40	0	0	21.4	7.87	0.27	0.40	0	0	20.5	7.47	0.18	0.50	0	0
12	Munsieville	21.1	8.07	0.20	0.17	0	0	21.5	7.46	0.11	0.16	0	0	20.5	7.74	0.23	0.17	0	0
13	Noordheuwel	20.4	7.92	0.13	0.10	0	0	21.5	7.68	0.22	0.13	0	0	20.6	7.69	0.26	0.13	0	0
14	Rant & Dal / Noordheuwel	20.6	7.68	0.11	0.10	0	0	21.3	7.49	0.38	0.09	0	0	20.4	7.78	0.08	0.11	0	0

DISTRIBUTION NETWORK SAMPLE POINTS		JANUARY 2010						FEBRUARY 2010						MARCH 2010					
		Electricity Conductivity	pH	Turbidity	Free Chlorine	Faecal Coliforms	Escherichia Coli	Electricity Conductivity	pH	Turbidity	Free Chlorine	Faecal Coliforms	Escherichia Coli	Electricity Conductivity	pH	Turbidity	Free Chlorine	Faecal Coliforms	Escherichia Coli
		mS/m		NTU	mg/l	cfu/100ml	cfu/100ml	mS/m		NTU	mg/l	cfu/100ml	cfu/100ml	mS/m		NTU	mg/l	cfu/100ml	cfu/100ml
No.	Standard	<150	5.0-9.5	<1	N/S	0	0	<150	5.0-9.5	<1	N/S	0	0	<150	5.0-9.5	<1	N/S	0	0
1	Game Reserve Connection	N/D	N/D	N/D	N/D	N/D	N/D	21.2	7.99	0.19	0.40	0	0	20.5	7.72	0.21	0.34	0	0
2	Hakunamatata	20.7	8.22	0.16	0.27	0	0	21.5	7.80	0.28	0.30	0	0	20.3	7.65	0.21	0.38	0	0
3	Hole in one road	21.0	8.11	0.24	0.38	0	0	21.3	7.72	0.34	0.26	0	0	20.7	7.68	0.26	0.23	0	0
4	Mindalore Connection	20.8	8.45	0.30	0.13	0	0	21.9	7.51	0.32	0.24	0	0	21.1	7.90	0.14	0.12	0	0
5	West Village Connection	21.0	8.01	0.14	0.22	0	0	21.5	7.68	0.44	0.14	0	0	20.6	7.50	0.12	0.12	0	0
6	Westonaria Connection	20.9	7.89	0.23	0.27	0	0	21.4	7.75	0.27	0.30	0	0	20.4	7.46	0.18	0.32	0	0

END POINT USER SAMPLE POINTS		JANUARY 2010						FEBRUARY 2010						MARCH 2010					
		Electricity Conductivity	pH	Turbidity	Free Chlorine	Faecal Coliforms	Escherichia Coli	Electricity Conductivity	pH	Turbidity	Free Chlorine	Faecal Coliforms	Escherichia Coli	Electricity Conductivity	pH	Turbidity	Free Chlorine	Faecal Coliforms	Escherichia Coli
		mS/m		NTU	mg/l	cfu/100ml	cfu/100ml	mS/m		NTU	mg/l	cfu/100ml	cfu/100ml	mS/m		NTU	mg/l	cfu/100ml	cfu/100ml
No.	Standard	<150	5.0-9.5	<1	N/S	0	0	<150	5.0-9.5	<1	N/S	0	0	<150	5.0-9.5	<1	N/S	0	0
1	RW Azaadvilie LX	20.0	7.50	<1	N/D	0	0	21.0	8.00	<1	N/D	0	0	21.0	7.30	<1	N/D	0	0
2	RW Kagiso CS	20.0	7.00	<1	N/D	0	0	21.0	7.80	<1	N/D	0	0	20.0	6.80	<1	N/D	0	0
3	RW Krug West TS	20.0	7.30	<1	N/D	0	0	21.0	7.80	<1	N/D	0	0	20.0	6.90	<1	N/D	0	0
4	RW Magalies WWTW	20.0	7.20	<1	0.60	0	0	21.0	7.80	<1	0.40	0	0	21.0	7.20	4.00	0.30	0	0
5	RW Maranata Church	20.0	7.50	<1	0.60	0	0	21.0	7.90	<1	0.40	0	0	20.0	7.00	<1	0.40	0	0
6	RW Munsieville JP	20.0	7.60	<1	N/D	0	0	21.0	7.90	<1	N/D	0	0	20.0	7.10	<1	0.10	0	0
7	RW Noordheuwel RB	20.0	7.10	<1	N/D	0	0	21.0	7.90	<1	N/D	0	0	20.0	7.00	<1	N/D	0	0
8	RW Nulaid Eggs	20.0	6.70	<1	0.02	0	0	21.0	7.80	<1	0.30	0	0	20.0	7.40	<1	0.15	0	0
9	RW Ruimsig KM	N/D	N/D	N/D	N/D	N/D	N/D	29.0	7.90	0.29	N/D	0	0	20.0	7.60	0.28	N/D	0	0
10	Bastion High School	20.9	8.26	0.11	0.15	0	0	21.8	7.84	0.41	0.31	0	0	20.9	7.92	0.14	0.14	0	0
11	Letamo Game Lodge	20.7	8.39	0.29	0.09	0	0	21.9	7.47	0.12	0.08	0	0	21.3	7.74	0.24	0.09	0	0
12	Maropeng	20.4	7.77	0.15	0.09	0	0	21.2	7.69	0.08	0.11	0	0	21.1	7.76	0.18	0.13	0	0
13	Muldersdrift Primary	20.3	7.94	0.12	0.12	0	0	21.8	7.70	0.30	0.10	0	0	20.7	7.66	0.17	0.09	0	0
14	NWT Lindley Joe Slovo	20.3	8.12	0.13	0.17	0	0	21.0	7.69	0.17	0.15	0	0	20.5	7.42	0.28	0.16	0	0
15	Lusaka Pump Station	21.0	8.20	0.13	0.14	0	0	21.7	7.58	0.26	0.09	0	0	20.8	7.50	0.26	0.11	0	0
16	NWT Plot 89 Nooitgedacht	20.5	7.89	0.17	0.15	0	0	21.2	7.53	0.23	0.14	0	0	20.2	7.52	0.13	0.16	0	0
17	Percy Stewart (Drinking)	N/D	N/D	N/D	N/D	N/D	N/D	21.2	7.97	0.30	0.30	0	0	21.0	7.79	0.17	0.26	0	0
18	President Building	20.8	7.96	0.11	0.17	0	0	21.3	7.51	0.51	0.12	0	0	20.5	7.77	0.10	0.15	0	0
19	Sasol Pinehaven	20.4	7.92	0.30	0.09	0	0	21.9	7.80	0.22	0.11	0	0	20.8	7.69	0.35	0.10	0	0
20	Sterkfontein Caves	20.4	8.21	0.10	0.09	0	0	22.1	7.94	0.12	0.08	0	0	21.5	7.58	0.27	0.08	0	0
21	NWT Tarlton Smokedown	N/D	N/D	N/D	N/D	N/D	N/D	20.8	8.21	0.24	0.05	0	0	20.6	7.44	0.33	0.12	0	0

RURAL BOREHOLES WITH STORAGE TANKS SAMPLE POINTS		JANUARY 2010					FEBRUARY 2010					MARCH 2010							
		Electricity Conductivity	pH	Turbidity	Free Chlorine	Faecal Coliforms	Escherichia Coli	Electricity Conductivity	pH	Turbidity	Free Chlorine	Faecal Coliforms	Escherichia Coli	Electricity Conductivity	pH	Turbidity	Free Chlorine	Faecal Coliforms	Escherichia Coli
		mS/m		NTU	mg/l	cfu/100ml	cfu/100ml	mS/m		NTU	mg/l	cfu/100ml	cfu/100ml	mS/m		NTU	mg/l	cfu/100ml	cfu/100ml
No.	Standard	<150	5.0-9.5	<1	N/S	0	0	<150	5.0-9.5	<1	N/S	0	0	<150	5.0-9.5	<1	N/S	0	0
1	Bekker School	21.1	7.49	0.18		0	0	23.8	8.09	0.11		0	0	22.0	7.47	0.24		0	0
2	FJ Klopper School	N/D	N/D	N/D		N/D	N/D	52.3	7.34	0.35		1	0	59.4	6.90	0.73		0	0
3	Golden Harvest	N/D	N/D	N/D		N/D	N/D	25.9	7.35	0.10		0	0	26.2	6.93	0.61		0	0
4	Kwaggafontein School	N/D	N/D	N/D		N/D	N/D	7.1	6.84	0.39		0	0	9.7	6.75	0.81		0	0
5	Letamo Game Lodge	62.3	7.65	0.14		0	0	66.9	7.41	0.10		0	0	63.2	6.96	0.28		0	0
6	Little Farm Yard	10.7	7.45	0.14		0	0	10.2	7.46	0.64		0	0	15.9	6.78	0.53		0	0
7	Maanhaarrand	28.7	7.37	0.29		0	0	27.7	6.77	0.11		0	0	29.9	7.07	0.18		0	0
8	Maloney's Eye School	N/D	N/D	N/D		N/D	N/D	18.3	7.19	2.79		0	0	20.5	7.09	0.63		0	0
9	Migalsoord	24.8	7.81	0.16		0	0	21.1	8.13	0.10		0	0	39.8	6.79	0.41		0	0
10	Orient Hills	N/D	N/D	N/D		N/D	N/D	N/D	N/D	N/D		N/D	N/D	N/D	N/D	N/D		N/D	N/D
11	Satellite Station	2.7	6.89	0.13		0	0	2.9	6.52	0.50		0	0	3.8	6.55	0.63		0	0

RURAL BOREHOLES WITHOUT STORAGE TANKS SAMPLE POINTS		JANUARY 2010					FEBRUARY 2010					MARCH 2010							
		Electricity Conductivity	pH	Turbidity	Free Chlorine	Faecal Coliforms	Escherichia Coli	Electricity Conductivity	pH	Turbidity	Free Chlorine	Faecal Coliforms	Escherichia Coli	Electricity Conductivity	pH	Turbidity	Free Chlorine	Faecal Coliforms	Escherichia Coli
		mS/m		NTU	mg/l	cfu/100ml	cfu/100ml	mS/m		NTU	mg/l	cfu/100ml	cfu/100ml	mS/m		NTU	mg/l	cfu/100ml	cfu/100ml
No.	Standard	<150	5.0-9.5	<1	N/S	0	0	<150	5.0-9.5	<1	N/S	0	0	<150	5.0-9.5	<1	N/S	0	0
1	Boikarabelo	63.9	7.80	1.21		0	0	63.5	7.51	0.43		0	0	64.8	7.52	0.37		0	0
2	Driefontein Plot 38	14.6	6.80	0.17		0	0	15.0	6.68	0.10		0	0	26.3	6.90	0.36		0	0
3	Harpers Cafe	61.8	7.17	52.00		10	10	62.2	7.00	10.29		TNTC	TNTC	60.4	7.13	10.90		76	46
4	Radikgomo	49.2	7.03	40.00		0	0	49.2	6.85	5.46		0	0	49.7	7.81	6.21		0	0

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