

MOGALE CITY LOCAL MUNICIPALITY
INFRASTRUCTURE SERVICES
ANALYTICAL RESULTS

No.	RESERVOIR SAMPLE POINTS	OCTOBER 2010						NOVEMBER 2010						DECEMBER 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
	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	21.7	7.42	0.08	0.35	0	0	21.8	7.50	0.20	0.40	0	0	21.0	8.07	0.25	0.30	0	0
2	Azaadville New	22.2	7.46	0.10	0.30	0	0	21.8	7.56	0.21	0.30	0	0	21.1	7.85	0.18	0.40	0	0
3	Chamdor	21.3	7.59	0.13	0.16	0	0	21.3	7.50	0.25	0.15	0	0	21.1	7.88	0.17	0.18	0	0
4	Dan Pienaarville Old	22.0	7.94	0.14	0.23	0	0	21.5	7.61	0.21	0.21	0	0	20.6	7.73	0.18	0.18	0	0
5	Dan Pienaarville New	22.4	7.99	0.10	0.35	0	0	21.4	7.63	0.20	0.23	0	0	20.4	7.76	0.14	0.18	0	0
6	Factoria	21.9	7.70	0.09	0.33	0	0	21.3	7.57	0.25	0.36	0	0	20.2	7.95	0.18	0.40	0	0
7	Kagiso	22.1	7.69	0.09	0.19	0	0	21.6	7.79	0.15	0.20	0	0	20.6	7.72	0.25	0.25	0	0
8	Kagiso 12	21.7	7.63	0.12	0.40	0	0	21.2	7.63	0.19	0.36	0	0	20.0	7.86	0.21	0.40	0	0
9	Kenmare / Silverfields	21.7	7.61	0.12	0.28	0	0	21.5	7.64	0.15	0.30	0	0	20.3	7.84	0.23	0.23	0	0
10	Krugersdorp	21.8	7.54	0.10	0.28	0	0	21.6	7.64	0.23	0.22	0	0	20.3	7.84	0.23	0.35	0	0
11	Magalies	23.0	8.14	0.17	0.38	0	0	22.0	7.69	0.33	0.34	0	0	20.3	7.71	0.23	0.30	0	0
12	Munsieville	21.9	8.29	0.09	0.29	0	0	21.3	7.79	0.23	0.26	0	0	20.2	7.84	0.19	0.30	0	0
13	Noordheuwel	21.9	7.81	0.11	0.24	0	0	21.5	7.77	0.33	0.23	0	0	20.3	7.85	0.18	0.23	0	0
14	Rant & Dal / Noordheuwel	21.9	7.81	0.28	0.25	0	0	21.6	7.74	0.21	0.34	0	0	20.3	7.80	0.20	0.18	0	0

No.	DISTRIBUTION NETWORK SAMPLE POINTS	OCTOBER 2010						NOVEMBER 2010						DECEMBER 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
	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	21.8	8.07	0.11	0.40	0	0	21.3	7.69	0.20	0.40	0	0	19.9	7.73	0.25	0.40	0	0
2	Hakunamatata	21.3	8.05	0.12	0.31	0	0	20.7	7.43	0.17	0.40	0	0	20.3	7.84	0.23	0.40	0	0
3	Hole in one road	21.8	8.10	0.08	0.30	0	0	20.9	7.34	0.19	0.30	0	0	19.9	7.97	0.22	0.30	0	0
4	Mindalore Connection	22.1	8.06	0.10	0.16	0	0	21.2	7.59	0.17	0.16	0	0	20.0	8.01	0.22	0.18	0	0
5	West Village Connection	22.1	8.01	0.11	0.25	0	0	21.2	7.49	0.20	0.28	0	0	19.9	7.73	0.18	0.30	0	0
6	Westonaria Connection	22.0	8.08	0.12	0.40	0	0	21.3	7.58	0.23	0.40	0	0	20.2	7.78	0.23	0.40	0	0

No.	WATER TANKERS	OCTOBER 2010						NOVEMBER 2010						DECEMBER 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
	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	Aqua Tanker 1	20.1	8.42	0.07	0.60	0	0	21.7	7.12	0.46	0.40	0	0	20.4	8.06	0.18	0.20	0	0
2	Aqua Tanker 2	22.3	8.36	0.07	0.30	0	0	20.4	7.72	0.74	0.30	0	0	20.3	8.04	0.20	0.10	0	0
3	Aqua Tanker 3	20.3	8.45	0.07	0.30	0	0	21.4	7.46	0.74	0.30	0	0	20.2	8.02	0.69	0.30	0	0
4	Twin M Tanker 1	21.8	8.31	0.18	0.30	0	0	20.7	7.05	0.16	0.30	0	0	20.1	8.01	0.95	0.30	0	0
5	Twin M Tanker 2	28.8	8.56	0.28	0.20	0	0	21.0	7.05	0.70	0.30	0	0	20.0	8.00	0.19	0.20	0	0
6	Twin M Tanker 3	21.6	8.49	0.17	0.40	0	0	20.9	7.60	0.66	0.30	0	0	20.2	7.62	0.29	0.30	0	0

END POINT USER SAMPLE POINTS		OCTOBER 2010						NOVEMBER 2010						DECEMBER 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 Azaadville LX	24.0	7.10	0.36			0	33.0	8.00	0.28			0	21.0	7.80	0.48			0
2	RW Kagiso CS	22.0	6.70	0.34			0	24.0	6.60	0.24			0	21.0	7.20	0.37			0
3	RW Krug West TS	22.0	7.00	0.36			0	33.0	7.60	0.41			0	21.0	7.20	0.34			0
4	RW Magalies WWTW	23.0	7.10	0.32	0.40		0	34.0	8.00	0.38	0.40		0	17.0	7.40	0.34	0.30		0
5	RW Maranata Church	23.0	7.20	0.31	0.30		0	33.0	7.90	0.26	0.30		0	20.0	7.30	0.33	0.40		0
6	RW Munsieville JP	22.0	6.80	0.25			0	32.0	7.70	0.32			0	21.0	7.20	0.48			0
7	RW Noordheuwel RB	18.0	6.90	0.28			0	25.0	6.60	0.33			0	22.0	8.40	0.34			0
8	RW Nulaid Eggs	22.0	7.10	0.25	0.10		0	24.0	6.70	0.26	0.15		0	21.0	7.30	0.34	0.10		0
9	RW Ruimsig KM	24.0	6.60	0.30			0	24.0	6.70	0.31			0	21.0	7.40	0.32			0
10	Bastion High School	22.7	8.03	0.12	0.25	0	0	21.6	7.73	0.24	0.22	0	0	21.0	7.95	0.18	0.10	0	0
11	NWT Hekpoort	22.6	8.05	0.33	0.28	0	0	21.6	7.55	0.39	0.40	0	0	20.5	8.00	0.26	0.40	0	0
12	Letamo Game Lodge	22.5	8.04	0.11	0.14	0	0	21.9	7.56	0.22	0.12	0	0	21.0	8.03	0.13	0.13	0	0
13	NWT Lindley Joe Slovo	21.3	8.04	0.15	0.10	0	0	21.2	7.45	0.15	0.13	0	0	20.2	7.87	0.16	0.13	0	0
14	Lusaka Pump Station	22.2	7.95	0.17	0.25	0	0	21.5	6.04	0.22	0.23	0	0	20.4	7.86	0.15	0.20	0	0
15	Maropeng	22.0	8.01	0.12	0.15	0	0	21.5	7.48	0.15	0.18	0	0	20.5	7.91	0.19	0.25	0	0
16	Muldersdrift Primary	22.1	8.01	0.11	0.18	0	0	21.6	7.52	0.25	0.19	0	0	20.4	7.83	0.20	0.15	0	0
17	NWT Plot 89 Nooitgedacht	22.2	8.01	0.08	0.14	0	0	21.5	7.46	0.18	0.19	0	0	20.3	7.92	0.18	0.15	0	0
18	Percy Stewart (Drinking)	21.5	8.02	0.10	0.30	0	0	21.5	7.68	0.25	0.30	0	0	20.7	7.76	0.24	0.30	0	0
19	President Building	22.1	8.04	0.12	0.24	0	0	21.8	7.66	0.29	0.17	0	0	20.4	7.68	0.19	0.20	0	0
20	Sasol Pinehaven	22.3	7.99	0.17	0.14	0	0	21.6	7.53	0.26	0.13	0	0	20.5	7.85	0.19	0.10	0	0
21	Sterkfontein Caves	22.6	8.06	0.13	0.13	0	0	22.1	7.51	0.21	0.16	0	0	21.5	7.93	0.19	0.15	0	0
22	NWT Tarlton Smokedown	22.0	8.02	0.14	0.20	0	0	21.3	7.73	0.25	0.31	0	0	20.0	7.89	0.20	0.30	0	0

RURAL BOREHOLES WITH STORAGE TANKS SAMPLE POINTS		OCTOBER 2010						NOVEMBER 2010						DECEMBER 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	23.3	7.74	0.14		3	3	22.7	7.29	0.44		0	0	22.5	6.91	0.39		0	0
2	FJ Klopper School	74.7	7.58	0.08	0.10	0	0	77.8	7.54	0.24		19	26	20.8	7.46	0.19		0	0
3	Golden Harvest	25.2	8.23	0.08		0	0	25.9	7.61	0.32		3	3	25.9	7.50	0.10		2	0
4	Kwaggafontein School	7.5	6.89	0.20		0	0	7.2	6.61	0.52		0	0	N/D	N/D	N/D		N/D	N/D
5	Letamo Game Lodge	22.5	8.26	0.74		0	0	64.0	7.42	0.53		0	0	76.8	7.52	0.20		0	0
6	Little Farm Yard	11.0	7.45	0.08		0	0	9.8	6.98	0.34		0	0	10.0	7.56	0.10		0	0
7	Maanhaarrand	29.1	8.06	0.08		1	1	25.5	7.43	0.80		120	169	29.7	7.40	0.19		42	0
8	Maloney's Eye School	18.1	7.85	0.17		0	0	19.0	7.46	0.97		0	0	18.6	7.51	0.48		0	0
9	Migalsoord	37.8	7.27	0.07		0	0	36.2	7.23	0.21		414	437	35.8	6.94	0.18		3	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	Protearidge Plot 124	37.1	8.24	0.11		0	0	36.7	7.70	1.46		5	4	37.4	7.66	0.11		0	0
12	Satellite Station	2.5	6.41	0.13		0	0	2.4	6.33	2.09		7	11	2.7	6.79	3.77		0	0

RURAL BOREHOLES WITHOUT STORAGE TANKS SAMPLE POINTS		OCTOBER 2010						NOVEMBER 2010						DECEMBER 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	68.5	8.37	0.76		0	0	70.2	7.88	1.30		0	0	67.0	8.15	0.91		0	0
2	Driefontein Plot 38	14.9	7.56	0.43		0	0	14.6	7.28	0.46		0	0	15.1	7.13	0.39		0	0
3	Harpers Café	59.0	8.11	10.93		0	0	9.7	6.46	1.18		0	0	59.3	8.24	2.47		6	16
4	Radikgomo	48.4	7.21	1.59		0	0	48.5	6.99	4.89		0	0	49.6	7.24	4.59		0	0