

MOGALE CITY LOCAL MUNICIPALITY
INFRASTRUCTURE SERVICES
ANALYTICAL RESULTS

No.	RESERVOIR SAMPLE POINTS	APRIL 2010						MAY 2010						JUNE 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	20.1	7.64	0.28	0.43	0	0	20.5	7.83	0.11	0.40	0	0	20.4	7.55	0.12	0.44	0	0
2	Azaadville New	20.1	7.53	0.16	0.20	0	0	20.6	7.70	0.17	0.28	0	0	20.1	7.29	0.08	0.33	0	0
3	Chamdor	20.6	7.49	0.26	0.13	0	0	20.5	7.78	0.10	0.09	0	0	20.3	7.47	0.21	0.10	0	0
4	Dan Pienaarville Old	20.0	7.63	0.20	0.09	0	0	20.5	7.61	0.09	0.11	0	0	20.0	7.43	0.11	0.16	0	0
5	Dan Pienaarville New	20.2	7.47	2.82	0.14	0	0	20.4	7.50	0.10	0.18	0	0	20.0	7.78	0.07	0.18	0	0
6	Factoria	20.2	7.56	0.23	0.24	0	0	20.5	7.46	0.16	0.45	0	0	20.1	7.62	0.22	0.46	0	0
7	Kagiso	20.6	7.55	0.14	0.10	0	0	20.6	7.73	0.13	0.12	0	0	20.1	7.62	0.11	0.09	0	0
8	Kagiso 12	20.0	7.95	0.21	0.45	0	0	20.2	7.90	0.11	0.31	0	0	20.0	7.70	0.11	0.34	0	0
9	Kenmare / Silverfields	20.3	7.35	0.25	0.14	0	0	20.3	7.62	0.11	0.33	0	0	20.2	7.60	0.10	0.32	0	0
10	Krugersdorp	20.0	7.72	0.21	0.14	0	0	20.6	7.75	0.10	0.30	0	0	20.3	7.58	0.08	0.44	0	0
11	Magalies	20.1	7.67	0.26	0.44	0	0	20.6	7.66	0.19	0.33	0	0	20.3	7.72	0.12	0.34	0	0
12	Munsieville	20.0	7.81	0.08	0.18	0	0	20.4	7.71	0.10	0.35	0	0	20.2	7.56	0.10	0.27	0	0
13	Noordheuwel	20.2	7.64	0.08	0.13	0	0	20.6	7.91	0.08	0.28	0	0	20.2	7.56	0.08	0.34	0	0
14	Rant & Dal / Noordheuwel	20.0	7.68	0.34	0.21	0	0	20.7	7.78	0.20	0.33	0	0	20.2	7.74	0.11	0.32	0	0

No.	DISTRIBUTION NETWORK SAMPLE POINTS	APRIL 2010						MAY 2010						JUNE 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	20.1	7.63	0.18	0.45	0	0	20.1	7.78	0.21	0.45	0	0	19.8	8.04	0.10	0.40	0	0
2	Hakunamatata	20.2	7.63	0.26	0.30	0	0	20.2	7.71	0.15	0.50	0	0	20.0	7.68	0.09	0.34	0	0
3	Hole in one road	20.0	7.68	0.25	0.24	0	0	20.2	7.53	0.07	0.23	0	0	19.9	7.92	0.10	0.24	0	0
4	Mindalore Connection	20.6	7.86	0.23	0.13	0	0	20.9	7.96	0.10	0.16	0	0	20.2	8.16	0.09	0.25	0	0
5	West Village Connection	20.1	7.64	0.14	0.18	0	0	20.6	7.41	0.11	0.16	0	0	20.0	7.61	0.08	0.25	0	0
6	Westonaria Connection	20.3	7.81	0.11	0.29	0	0	20.4	7.75	0.13	0.43	0	0	20.0	7.71	0.16	0.42	0	0

No.	WATER TANKERS	APRIL 2010						MAY 2010						JUNE 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	19.7	7.79	0.10	0.20	0	0	19.7	8.74	0.08	0.10	0	0	21.1	8.07	0.15	0.10	0	0
2	Aqua Tanker 2	19.6	7.68	0.09	0.10	0	0	19.6	8.48	0.09	0.20	0	0	19.7	8.11	0.17	0.15	0	0
3	Aqua Tanker 3	19.9	7.73	0.05	0.60	0	0	19.6	8.00	0.09	0.10	0	0	21.3	8.13	0.10	0.60	0	0
4	Twin M Tanker 1	19.9	7.60	0.06	0.40	0	0	20.1	8.46	0.05	0.60	0	0	21.5	8.47	0.10	0.60	0	0
5	Twin M Tanker 2	19.7	7.44	0.09	0.60	0	0	20.0	8.47	0.07	0.60	0	0	20.9	8.11	0.09	0.40	0	0
6	Twin M Tanker 3	20.0	7.08	0.10	0.30	0	0	20.0	8.46	0.11	0.60	0	0	20.7	8.17	0.16	0.30	0	0

No.	END POINT USER SAMPLE POINTS	APRIL 2010						MAY 2010						JUNE 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	RW Azaadville LX	20.0	7.90	<1	N/D	0	0	21.0	7.50	3.00	N/D	0	0	20.0	7.80	<1	N/D	0	0
2	RW Kagiso CS	20.0	7.40	<1	N/D	0	0	20.0	8.00	<1	N/D	0	0	20.0	7.60	<1	N/D	0	0
3	RW Krug West TS	20.0	7.30	<1	N/D	0	0	20.0	8.10	<1	N/D	0	0	20.0	7.70	<1	N/D	0	0
4	RW Magalies WWTW	20.0	7.90	<1	0.30	0	0	20.0	8.20	<1	0.60	0	0	20.0	7.80	<1	0.30	0	0
5	RW Maranata Church	20.0	7.90	<1	0.40	0	0	20.0	8.20	<1	0.30	0	0	20.0	7.80	<1	0.20	0	0
6	RW Munsieville JP	20.0	8.10	<1	N/D	0	0	20.0	7.90	<1	N/D	0	0	20.0	7.70	<1	N/D	0	0
7	RW Noordheuwel RB	20.0	7.40	<1	N/D	0	0	20.0	8.00	<1	N/D	0	0	20.0	8.00	<1	N/D	0	0
8	RW Nulaid Eggs	20.0	7.70	<1	0.06	0	0	20.0	7.70	<1	0.10	0	0	20.0	7.60	<1	0.06	0	0
9	RW Ruimsig KM	20.0	7.10	0.29	N/D	0	0	20.0	7.80	0.37	N/D	N/D	0	19.0	7.90	0.46	N/D	N/D	0
10	Bastion High School	20.7	7.55	0.26	0.16	0	0	21.2	7.86	0.08	0.15	0	0	20.5	8.08	0.08	0.17	0	0
11	Letamo Game Lodge	20.7	7.80	0.12	0.10	0	0	20.9	7.76	0.09	0.12	0	0	20.4	7.99	0.11	0.10	0	0
12	Maropeng	20.0	7.57	0.10	0.10	0	0	20.2	7.57	0.22	0.14	0	0	20.1	8.01	0.10	0.16	0	0
13	Muldersdrift Primary	20.2	7.60	0.12	0.09	0	0	20.7	7.60	0.15	0.12	0	0	20.3	7.88	0.09	0.20	0	0
14	NWT Lindley Joe Slovo	20.3	7.44	0.30	0.14	0	0	20.5	7.69	0.12	0.12	0	0	20.4	7.73	0.09	0.12	0	0
15	Lusaka Pump Station	20.1	7.83	0.10	0.14	0	0	20.8	7.86	0.10	0.14	0	0	20.0	7.75	0.09	0.13	0	0
16	NWT Plot 89 Nooitgedacht	20.1	7.56	0.17	0.15	0	0	20.7	7.70	0.18	0.16	0	0	19.5	7.79	0.09	0.11	0	0
17	Percy Stewart (Drinking)	20.1	7.68	0.14	0.36	0	0	20.2	7.75	0.11	0.35	0	0	20.0	7.89	0.10	0.32	0	0
18	President Building	20.3	7.58	0.10	0.13	0	0	20.5	7.79	0.07	0.25	0	0	20.3	8.06	0.10	0.22	0	0
19	Sasol Pinehaven	20.2	7.72	0.11	0.10	0	0	20.5	7.68	0.13	0.06	0	0	20.0	7.67	0.11	0.09	0	0
20	Sterkfontein Caves	20.7	7.40	0.18	0.08	0	0	20.8	7.63	0.26	0.09	0	0	20.3	7.85	0.17	0.09	0	0
21	NWT Tarlton Smokedown	19.9	7.50	0.12	0.10	0	0	20.8	7.60	0.08	0.12	0	0	19.9	7.85	0.18	0.08	0	0

No.	RURAL BOREHOLES WITH STORAGE TANKS SAMPLE POINTS	APRIL 2010						MAY 2010						JUNE 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	Bekker School	21.8	7.40	0.11		0	0	23.9	7.30	0.18		0	0	22.5	7.73	0.11		0	0
2	FJ Klopper School	59.9	7.49	0.06		0	0	60.6	7.42	0.12		24	34	60.4	7.00	0.07		0	0
3	Golden Harvest	26	7.48	0.10		0	0	24.4	7.63	0.45		0	0	25.4	6.82	0.07		0	0
4	Kwaggafontein School	9.5	7.73	0.16		0	0	8.2	7.23	0.33		0	0	6.2	7.43	0.09		0	0
5	Letamo Game Lodge	53.7	7.56	0.09		0	0	59.2	7.50	0.05		0	0	63.4	7.00	0.07		0	0
6	Little Farm Yard	9.3	7.69	0.10		0	0	9.2	7.84	0.11		0	0	11.0	6.51	0.06		0	0
7	Maanhaarrand	27.7	7.45	0.06		0	0	28.1	7.17	0.15		0	0	29.2	6.68	0.10		0	0
8	Maloney's Eye School	18.6	7.52	0.07		0	0	18.6	7.72	0.10		0	0	18.2	6.68	0.07		0	0
9	Migalisoord	41.8	7.06	0.11		0	0	44.3	7.05	0.07		0	0	43.5	6.68	0.16		0	0
10	Orient Hills	N/D	N/D	N/D		N/D	N/D	N/D	N/D	N/D		0	0	N/D	N/D	N/D		N/D	N/D
11	Satellite Station	2.6	6.55	0.15		0	0	2.8	6.70	0.05		0	0	2.6	6.19	0.09		0	0

No.	RURAL BOREHOLES WITHOUT STORAGE TANKS SAMPLE POINTS	APRIL 2010						MAY 2010						JUNE 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	Boikarabelo	64.9	7.61	0.40		0	0	65.4	7.15	0.28		0	0	64.6	7.14	0.16		0	0
2	Driefontein Plot 38	14.8	7.27	0.39		0	0	14.7	7.10	0.29		0	0	14.6	6.67	0.16		0	0
3	Harpers Café	59.9	6.97	7.60		330	285	49.0	6.95	70.00		4	0	59.3	7.14	5.97		15	2
4	Radikgomo	49.4	6.85	5.17		0	0	63.2	6.75	4.12		0	0	49.2	6.87	3.61		0	0