

**MOGALE CITY LOCAL MUNICIPALITY
INFRASTRUCTURE SERVICES
ANALYTICAL RESULTS FOR BULK WATER SUPPLY**

RESERVOIR SAMPLE POINTS		JULY 2011						AUGUST 2011						SEPTEMBER 2011					
		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	24.1	7.60	0.23	0.35	0	0	22.6	8.15	0.25	0.30	0	0	20.5	6.77	0.15	0.40	0	0
2	Azaadville New	23.6	7.77	0.22	0.30	0	0	20.7	8.05	0.28	0.40	0	0	20.6	6.89	0.19	0.30	0	0
3	Chamdor	23.2	7.79	0.33	0.26	0	0	22.3	8.15	0.24	0.40	0	0	20.2	6.83	0.13	0.20	0	0
4	Dan Pienaarville Old	23.4	7.76	0.33	0.28	0	0	22.5	7.91	0.20	0.30	0	0	23.7	7.82	0.10	0.30	0	0
5	Dan Pienaarville New	23.2	7.83	0.23	0.35	0	0	21.2	8.22	0.25	0.35	0	0	23.0	7.89	0.11	0.40	0	0
6	Factoria	23.4	7.94	0.29	0.35	0	0	21.2	8.22	0.25	0.35	0	0	20.2	7.08	0.16	0.40	0	0
7	Kagiso	23.1	7.96	0.28	0.33	0	0	20.8	8.16	0.18	0.30	0	0	20.8	7.09	0.10	0.30	0	0
8	Kagiso 12	22.6	7.92	0.28	0.40	0	0	20.8	8.15	0.31	0.40	0	0	20.6	7.17	0.17	0.40	0	0
9	Kenmare / Silverfields	23.1	7.93	0.19	0.33	0	0	21.9	8.26	0.26	0.20	0	0	23.0	7.90	0.14	0.30	0	0
10	Krugersdorp	23.4	8.00	0.23	0.16	0	0	21.9	8.33	0.17	0.15	0	0	23.1	7.97	0.13	0.20	0	0
11	Magalies	22.3	7.91	0.24	0.35	0	0	21.6	8.60	0.29	0.35	0	0	23.5	8.05	0.13	0.40	0	0
12	Munsieville	22.6	8.13	0.28	0.16	0	0	21.9	8.41	0.34	0.18	0	0	23.0	7.97	0.23	0.15	0	0
13	Noordheuwel	23.2	8.09	0.34	0.23	0	0	22.1	8.38	0.26	0.15	0	0	23.2	8.00	0.25	0.30	0	0
14	Rant & Dal / Noordheuwel	22.9	8.07	0.34	0.23	0	0	22.8	8.30	0.25	0.20	0	0	21.5	7.99	0.20	0.20	0	0
15	Rand Water	23.3	7.96	0.35	0.09	0	0	22.0	8.25	0.25	0.20	0	0	23.2	7.59	0.24	0.10	0	0

DISTRIBUTION NETWORK SAMPLE POINTS		JULY 2011						AUGUST 2011						SEPTEMBER 2011					
		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	20.9	8.09	0.24	0.38	0	0	22.4	8.18	0.16	0.40	0	0	24.3	7.92	0.14	0.40	0	0
2	Hakunamatata	20.2	8.20	0.39	0.40	0	0	20.0	8.43	0.19	0.40	0	0	20.2	7.12	0.12	0.40	0	0
3	Hole in one road	20.5	8.27	0.51	0.30	0	0	19.5	8.40	0.28	0.30	0	0	20.3	7.19	0.24	0.30	0	0
4	Mindalore Connection	23.3	8.05	0.23	0.15	0	0	22.4	8.32	0.16	0.18	0	0	19.9	7.40	0.16	0.15	0	0
5	West Village Connection	23.5	8.00	0.30	0.30	0	0	23.0	8.16	0.17	0.40	0	0	22.4	7.86	0.17	0.30	0	0
6	Westonaria Connection	23.8	8.01	0.28	0.35	0	0	24.0	8.23	0.16	0.30	0	0	23.6	7.95	0.10	0.40	0	0

NETWORK HYDRANTS FOR WATER TANKERS		JULY 2011						AUGUST 2011						SEPTEMBER 2011					
		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	Magalies Taxi Rank	20.0	8.31	0.19	0.30	0	0	23.6	8.52	0.13	0.15	0	0	21.1	8.06	0.22	0.20	0	0
2	Tariton Helderblom	20	8.44	0.18	0.30	0	0	23.1	8.44	0.18	0.15	0	0	23.1	8.22	0.13	0.10	0	0
3	Tariton Marabeth	19.5	7.60	0.21	0.40	0	0	22.3	8.46	0.39	0.30	0	0	23.5	8.23	0.13	0.30	0	0
4	Wildtuin Park	19.8	8.78	0.22	0.30	0	0	24.4	8.56	0.19	0.30	0	0	21.4	8.16	0.10	0.30	0	0
5	Zwartkop	19.3	8.21	0.29	0.20	0	0	20.8	8.64	0.41	0.30	0	0	23.7	7.90	0.21	0.15	0	0

END POINT USER SAMPLE POINTS		JULY 2011						AUGUST 2011						SEPTEMBER 2011					
		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	7.50	0.24			0	24.0	7.70	0.22			0	21.0	7.80	0.41			0
2	RW Kagiso CS	22.0	6.90	0.26			0	22.0	7.20	0.24			0	21.0	7.30	0.44			0
3	RW Krug West TS	25.0	7.30	0.29			0	25.0	7.30	0.37			0	21.0	7.50	0.39			0
4	RW Magalies WWTW	24.0	7.30	0.30	0.20		0	21.0	7.60	0.26	0.40		0	21.0	7.80	0.39	0.15		0
5	RW Maranata Church	23.0	7.40	0.28	0.40		0	20.0	7.40	0.28	0.30		0	21.0	7.70	0.25	0.20		0
6	RW Munsievile JP	23.0	7.10	0.21			0	22.0	7.10	0.20			0	21.0	7.40	0.39			0
7	RW Noordheuwel RB	24.0	7.20	0.20			0	22.0	7.20	0.34			0	21.0	7.40	0.37			0
8	RW Nulaid Eggs	21.0	7.10	0.22	0.10		0	21.0	7.30	0.30	0.15		0	21.0	7.80	0.21	0.20		0
9	RW Ruimsig KM	23.0	7.30	0.32			0	21.0	7.50	0.22			0	24.0	7.60	0.36			0
10	Azaadville Engen Garage	24.8	7.9	0.2	0.2	0	0	22.2	8.48	0.22	0.13	0	0	20.2	7.40	0.18	0.20	0	0
11	Bastion High School	21.7	8.01	0.22	0.18	0	0	20.7	8.26	0.28	0.18	0	0	20.8	6.69	0.10	0.20	0	0
12	Breunanda 27 Walnut str	21.2	7.08	0.20	0.06	0	0	21.9	8.22	0.22	0.07	0	0	20.7	7.54	0.15	0.06	0	0
13	Chamdor BP Garage	20.7	7.23	0.26	0.20	0	0	20.8	8.21	0.19	0.25	0	0	20.1	7.64	0.10	0.40	0	0
14	Featherbrooke Clubhouse	21.0	7.24	0.18	0.15	0	0	22.1	8.09	0.25	0.13	0	0	20.5	7.38	0.20	0.20	0	0
15	Kagiso Ext 1 Clinic	23.4	6.79	0.21	0.20	0	0	22.2	7.95	0.25	0.13	0	0	19.9	7.64	0.21	0.15	0	0
16	Kagiso Ext 14 School	21.1	7.27	0.22	0.40	0	0	20.6	8.47	0.21	0.23	0	0	20.4	7.48	0.10	0.30	0	0
17	Kagiso Ext 2 Clinic	21.9	6.63	0.28	0.10	0	0	20.8	6.63	0.30	0.13	0	0	20.6	7.30	0.20	0.20	0	0
18	Kagiso Ext 2 Mandiba High School	21.8	7.01	0.22	0.04	0	0	20.8	7.93	0.24	0.13	0	0	20.6	7.33	0.22	0.15	0	0
19	Kagiso Ext 6 Church of Jesus C.	22.2	7.13	0.21	0.15	0	0	20.7	7.93	0.25	0.10	0	0	20.5	7.36	0.17	0.30	0	0
20	Kagiso Ext 6 Power Station	22.0	7.01	0.25	0.10	0	0	20.7	8.13	0.17	0.13	0	0	20.6	7.49	0.15	0.15	0	0
21	Kagiso Ext 8 Assembly of God	21.8	7.13	0.24	0.15	0	0	20.9	7.92	0.28	0.08	0	0	20.8	7.56	0.16	0.20	0	0
22	Kagiso Leratong Total Garage	21.8	7.22	0.21	0.20	0	0	21.0	7.78	0.23	0.08	0	0	20.6	7.50	0.10	0.10	0	0
23	Kagiso Post Office	21.9	7.23	0.19	0.15	0	0	20.7	8.23	0.23	0.13	0	0	20.6	7.66	0.14	0.15	0	0
24	Kenmare c/o Dingle & Dromore	20.2	7.52	0.40	0.06	0	0	23.6	8.41	0.31	0.18	0	0	21.6	7.52	1.46	0.30	0	0
25	Luijaardsvlei Old Age Home	21.1	7.30	0.25	0.06	0	0	21.4	8.37	0.25	0.13	0	0	20.4	7.59	0.13	0.10	0	0
26	Lusaka 1 Community Hall	21.2	7.34	0.18	0.30	0	0	20.4	8.63	0.18	0.25	0	0	20.6	7.61	0.18	0.30	0	0
27	Lusaka 1 Sportsground	22.0	7.35	0.20	0.20	0	0	20.4	8.59	0.12	0.25	0	0	20.4	7.69	0.14	0.20	0	0
28	Lusaka 2 & 3 Clinic	24.2	7.41	0.21	0.20	0	0	20.8	8.56	0.28	0.20	0	0	20.6	7.63	0.14	0.30	0	0
29	Lusaka Pump Station	23.2	8.58	0.23	0.15	0	0	20.8	8.58	0.31	0.15	0	0	20.7	7.56	0.10	0.20	0	0
30	Mindalore Tennis Courts	24.4	6.80	0.90	0.30	0	0	20.1	8.67	0.22	0.23	0	0	21.1	7.75	0.28	0.40	0	0
31	Muldersdrift Primary	22.6	8.16	0.32	0.25	0	0	21.9	8.14	0.27	0.15	0	0	20.5	7.23	0.15	0.20	0	0
32	Muldersdrift Wolf Autohaus	21.5	7.21	0.31	0.10	0	0	21.8	8.21	0.30	0.08	0	0	20.5	7.40	0.19	0.10	0	0
33	NWT Lindley Joe Slovo	20.7	8.21	0.20	0.14	0	0	19.6	8.11	0.28	0.13	0	0	20.3	7.21	0.16	0.15	0	0
34	NWT Plot 89 Nooitgedacht	21.8	8.25	0.22	0.13	0	0	20.7	8.24	0.15	0.15	0	0	20.4	7.24	0.16	0.15	0	0
35	Sasol Pinehaven	22.5	8.00	0.26	0.14	0	0	21.9	8.16	0.24	0.10	0	0	20.5	7.20	0.10	0.15	0	0
36	Ruimsig Excel Garage	21.6	6.69	0.27	0.15	0	0	20.3	8.40	0.19	0.18	0	0	20.3	7.35	0.21	0.15	0	0
37	Silverfields 13 Gladwin Ave	21.2	7.10	0.21	0.04	0	0	22.1	3.37	0.24	0.11	0	0	20.5	7.42	0.16	0.15	0	0
38	Sinqobile Inkwenkwezi Edu Care	22.0	7.06	0.22	0.06	0	0	22.1	8.09	0.29	0.10	0	0	20.5	7.71	0.19	0.10	0	0
39	Wentworthpark Level & Peg	20.8	7.20	0.22	0.10	0	0	22.0	8.15	0.21	0.13	0	0	20.5	7.62	0.17	0.10	0	0
40	Boltonia Diesekl Pro	19.1	7.21	0.18	0.10	0	0	23.1	8.19	0.19	0.13	0	0	23.2	8.05	0.13	0.15	0	0
41	Chancellor Pumpstation	20.9	7.83	0.26	0.10	0	0	22.4	8.19	0.19	0.15	0	0	23.3	8.03	0.10	0.40	0	0
42	Gamohale Ubuntu Arts & Crafts	24.9	6.85	0.24	0.15	0	0	21.3	8.54	0.16	0.45	0	0	24.4	7.69	0.15	0.30	0	0
43	Kenmare Ext 4 Dublin str 79	20.8	7.21	0.20	0.04	0	0	22.5	8.41	0.25	0.08	0	0	23.3	8.05	0.10	0.10	0	0
44	Krugerdsorp-N Caltex Garage	21.1	7.18	0.15	0.04	0	0	22.5	7.18	0.20	0.15	0	0	23.2	7.80	0.26	0.30	0	0
45	Krugerdsorp Private Hospital	19.8	7.23	0.19	0.20	0	0	21.8	8.46	0.13	0.15	0	0	23.1	8.00	0.21	0.15	0	0
46	Krugerdsorp-W Agavia Park	20.8	7.40	0.19	0.10	0	0	21.9	8.29	0.13	0.18	0	0	22.6	8.10	0.11	0.15	0	0
47	Krugerdsorp-W Caltex Garage	23.5	7.28	0.26	0.10	0	0	21.8	8.56	0.16	0.20	0	0	22.6	8.15	0.11	0.40	0	0
48	Letamo Game Lodge	23.6	8.15	0.35	0.13	0	0	22.5	8.47	0.25	0.13	0	0	23.2	7.93	0.15	0.15	0	0
49	Maropeng	21.8	8.11	0.60	0.25	0	0	20.3	8.13	0.27	0.20	0	0	20.6	7.60	0.28	0.30	0	0

50	Monument Nicolas Smuts str	20.9	7.22	0.28	0.20	0	0	22.0	8.41	0.17	0.20	0	0	23.3	7.82	0.14	0.06	0	0
51	Monument Woodstream Lofts	20.4	7.24	0.27	0.06	0	0	22.2	8.42	0.13	0.08	0	0	23.4	8.01	0.10	0.15	0	0
52	Munsieville Clinic	20.7	7.23	0.22	0.10	0	0	22.8	8.51	0.13	0.13	0	0	23.3	7.98	0.14	0.20	0	0
53	Munsieville Ext 4 Pumpstation	23.8	7.31	0.24	0.10	0	0	22.1	8.44	0.19	0.13	0	0	23.5	7.87	0.10	0.10	0	0
54	Noordheuwel Sasol Garage	20.9	7.12	0.30	0.15	0	0	23.8	8.59	0.34	0.15	0	0	23.3	8.06	0.15	0.20	0	0
55	Noordheuwel 49 Soutpansberg	20.8	7.26	0.29	0.06	0	0	22.1	8.47	0.26	0.10	0	0	23.3	7.96	0.10	0.10	0	0
56	NWT Hekpoort	20.9	8.28	0.26	0.40	0	0	20.6	8.38	0.17	0.40	0	0	24.1	8.04	0.15	0.40	0	0
57	NWT Protearidge Plot 126	23.2	8.01	0.28	0.13	0	0	22.4	8.27	0.22	0.18	0	0	20.7	7.50	0.19	0.15	0	0
58	NWT Tariton Smokedown	21.1	8.20	0.21	0.13	0	0	20.3	8.49	0.15	0.10	0	0	24.4	8.00	0.20	0.20	0	0
59	Percy Stewart (Drinking)	22.3	8.37	0.27	0.30	0	0	23.8	8.07	0.11	0.35	0	0	24.9	7.72	0.41	0.30	0	0
60	President Building	23.3	8.17	0.26	0.16	0	0	22.9	8.08	0.19	0.18	0	0	23.2	7.82	0.10	0.20	0	0
61	Rangeview Jehova Watch Tower	21.4	7.25	0.14	0.15	0	0	22.5	8.38	0.19	0.08	0	0	22.9	7.86	0.14	0.15	0	0
62	Rangeview Total Garage Norden	21.0	7.20	0.31	0.15	0	0	22.3	8.42	0.16	0.10	0	0	23.2	7.95	0.17	0.30	0	0
63	Rant & Dal Gau-Trans Yard	20.5	7.48	0.30	0.15	0	0	22.5	8.41	0.20	0.06	0	0	23.2	7.83	0.16	0.30	0	0
64	Rant & Dal Shell Garage	21.4	7.26	0.25	0.06	0	0	22.2	8.43	0.22	0.35	0	0	23.2	7.96	0.16	0.10	0	0
65	Sterkfontein Caves	22.8	8.27	0.23	0.19	0	0	22.6	8.05	0.22	0.15	0	0	24.1	7.73	0.18	0.30	0	0
66	Sterkfontein Zenex Garage	23.6	6.88	0.19	0.06	0	0	22.6	8.48	0.22	0.07	0	0	23.4	8.09	0.10	0.10	0	0

No.	Standard	JULY 2011						AUGUST 2011						SEPTEMBER 2011					
		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
		<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	27.8	7.60	0.83	0.06	0	0	27.0	7.83	0.22	0.06	0	0	29.4	7.56	0.30	0.10	0	0
2	FJ Klopper School	65.9	7.47	0.10	0.15	0	0	51.1	7.87	0.12	0.10	0	0	53.4	7.52	0.16	0.30	0	0
3	Golden Harvest	25.7	8.18	0.16	0.10	0	0	25.9	8.23	0.15	0.06	0	0	26.4	7.64	0.17	0.10	0	0
4	Kwaggafontein School	3.9	7.20	0.21		0	0	4.8	7.04	0.23		0	0	4.7	6.51	0.11		0	0
5	Letamo Game Lodge	24.5	8.06	0.37		0	0	69.0	7.67	0.10		0	0	70.1	7.61	0.46		0	0
6	Little Farm Yard	12.8	7.86	0.10		0	0	9.6	7.66	0.10		0	0	9.6	7.16	0.24		0	0
7	Maanhaarand	27.0	8.38	0.57		0	0	28.2	7.77	0.10		0	0	29.5	7.07	0.11		0	0
8	Maloney's Eye School	18.7	7.67	1.26		0	0	19.1	8.31	0.95		0	0	18.8	7.69	0.86		0	0
9	Migaloord	40.2	7.14	0.14		0	0	38.4	7.12	0.18		0	0	37.6	6.84	0.10		0	0
10	Protearidge Plot 124	39.4	7.94	0.20		0	0	37.3	8.39	0.14		0	0	37.9	8.04	0.10		0	0
11	Satellite Station	2.4	7.31	8.16		0	0	2.5	6.88	0.47		0	0	2.5	6.26	5.77		0	0

No.	Standard	JULY 2011						AUGUST 2011						SEPTEMBER 2011					
		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
		<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	46.2	7.72	0.25		0	5	46.5	7.75	0.10		0	0	46.9	7.78	0.21		0	0
2	Driefontein Plot 38	15.0	7.47	0.83		0	0	15.0	7.85	0.36		0	0	15.3	6.97	0.32		0	0
3	Radikgomo	49.2	7.24	2.31		0	0	51.7	7.30	0.40		0	0	50.3	7.02	3.22		0	0