

SWARTLAND MUNICIPALITY													
Yzerfontein													
Month	Year	BULK WATER SUPPLY				TREATED WATER SUPPLY				TOTALS (ONLY NETWORK LOSSES)			
		Raw Water Supply	Treated Water	Monthly Losses (m³)	Monthly Losses (%)	Treated Water	Consumption	Monthly Losses (m³)	Monthly Losses (%)	Monthly Losses (m³)	Monthly Losses (%)	Annual Losses (m³)	Annual Losses (%)
Jan01	0001					34670							
Feb01						22020							
Mar01						23710							
Apr01						23650							
May01						13920							
Jun01	0102					10900							
Jul01						10290							
Aug01						12680							
Sep01						15100							
Oct01						17090							
Nov01					21480								
Dec01					30940								
Jan02					16030								
Feb02					21880								
Mar02					25290								
Apr02					10400								
May02					13350								
Jun02					12227	9236	2991	24.5	2991	24.5			
Jul02					9467	8783	684	7.2	684	7.2			
Aug02					15329	12098	3231	21.1	3231	21.1			
Sep02					16743	16754	-11	-0.1	-11	-0.1			
Oct02					24399	19539	5860	23.9	5860	23.9			
Nov02					20248	27616	-7368	-36.4	-7368	-36.4			
Dec02	0203				34096	32230	1866	5.5	1866	5.5	24551	9.9%	
Jan03					32475	24340	8135	25.1	8135	25.1			
Feb03					21799	21189	610	2.8	610	2.8			
Mar03					22690	15216	7474	32.9	7474	32.9			
Apr03					18624	18548	76	0.4	76	0.4			
May03				14954	19911	-4957	-33.1	-4957	-33.1				
Jun03				14390	12763	1627	11.2	1627	11.2				
Jul03				12389	11655	734	5.9	734	5.9				
Sep03				15371	10938	4433	28.8	4433	28.8				
Oct03				18610	15861	2749	14.7	2749	14.7				
Nov03				19001	20849	-1848	-9.7	-1848	-9.7				
Dec03				29370	33716	-4346	-14.8	-4346	-14.8				
Jan04	0304				38807	28350	10457	26.9	10457	26.9	24618	9.5%	
Feb04					33893	33893	0	0.0	0	0.0			
Mar04					20890	20890	0	0.0	0	0.0			
Apr04					27410	21531	5879	21.4	5879	21.4			
May04					19576	15644	3932	19.5	3932	19.5			
Jun04				14133	15102	-969	-6.8	-969	-6.8				
Jul04				14395	12276	2117	14.7	2117	14.7				
Aug04				13926	10415	3511	25.2	3511	25.2				
Sep04				14748	14748	0	0.0	0	0.0				
Oct04				9421	13409	-3988	-42.3	-3988	-42.3				
Nov04				18396	16055	2341	12.7	2341	12.7				
Dec04				11816	21161	-9345	-78.1	-9345	-78.1				
Jan05	0405				30356	33404	-3048	-10.0	-3048	-10.0	18354	9.0%	
Feb05					16805	17829	-1024	-6.1	-1024	-6.1			
Mar05					17254	12089	5165	30.0	5165	30.0			
Apr05					19477	15664	3813	19.3	3813	19.3			
May05					16243	10816	5425	33.4	5425	33.4			
Jun05				13936	10267	3669	26.3	3669	26.3				
Jul05				12721	10538	2183	17.2	2183	17.2				
Aug05				14741	9891	4850	32.9	4850	32.9				
Sep05				12365	11339	1026	8.3	1026	8.3				
Oct05				21057	14893	6164	28.3	6164	28.3				
Nov05				22692	15629	7063	31.1	7063	31.1				
Dec05				18517	27507	-9000	-48.6	-9000	-48.6				
Jan06	0506				17396	20793	-1297	-7.3	-1297	-7.3	-10918	-5.4%	
Feb06					17396	23186	-5791	-33.3	-5791	-33.3			
Mar06					12341	26678	-14337	-117.7	-14337	-117.7			
Apr06					19995	22465	-2470	-14.8	-2470	-14.8			
May06					19995	13784	5811	29.7	5811	29.7			
Jun06				14404	14404	0	0.0	0	0.0				
Jul06				13619	11171	2448	18.0	2448	18.0				
Aug06				12829	11877	952	7.4	952	7.4				
Sep06				15524	13937	1587	10.2	1587	10.2				
Oct06				18789	16260	2529	13.3	2529	13.3				
Nov06				18741	18788	-47	-0.3	-47	-0.3				
Dec06				18149	30903	-12754	-70.3	-12754	-70.3				
Jan07	0607				44616	30596	14020	31.4	14020	31.4	19977	7.9%	
Feb07					29011	23809	5202	20.1	5202	20.1			
Mar07					25351	24128	1223	4.8	1223	4.8			
Apr07					28130	25484	2646	9.4	2646	9.4			
May07					10710	13496	-2786	-25.8	-2786	-25.8			
Jun07				17655	11459	6196	35.1	6196	35.1				
Jul07				17915	10127	7788	43.5	7788	43.5				
Aug07				12213	11816	397	3.3	397	3.3				
Sep07				13669	10275	3394	24.4	3394	24.4				
Oct07				18033	17897	136	0.8	136	0.8				
Nov07				23777	23725	52	0.2	52	0.2				
Dec07				29636	20743	8893	22.1	8893	22.1				
Jan08	0708				40736	38199	4537	11.1	4537	11.1	34650	12.8%	
Feb08					33515	24529	8986	26.8	8986	26.8			
Mar08					25216	24148	1068	4.2	1068	4.2			
Apr08					28411	25218	3193	11.2	3193	11.2			
May08					20719	20055	664	3.2	664	3.2			
Jun08				14862	15320	-458	-3.1	-458	-3.1				
Jul08				18242	12298	5944	32.6	5944	32.6				
Aug08				15172	11362	3790	25.0	3790	25.0				
Sep08				16439	12635	3804	23.1	3804	23.1				
Oct08				18393	17986	427	2.3	427	2.3				
Nov08				24815	21801	2914	11.7	2914	11.7				
Dec08				28321	26751	1570	5.5	1570	5.5				
Jan09	0809				48643	40445	8198	16.9	8198	16.9	53048	17.8%	
Feb09					35791	43750	-7959	-22.2	-7959	-22.2			
Mar09					30768	21853	8915	26.8	8915	26.8			
Apr09					31175	25566	5609	18.0	5609	18.0			
May09					19831	16708	3123	15.7	3123	15.7			
Jun09				16091	26642	-10551	-65.5	-10551	-65.5				
Jul09				15980	14980	1000	6.3	1000	6.3				
Aug09				17545	12926	4619	26.3	4619	26.3				
Sep09				18151	21126	-2975	-16.4	-2975	-16.4				
Oct09				19983	15371	4492	22.6	4492	22.6				
Nov09				27479	24679	2800	10.2	2800	10.2				
Dec09				27047	29534	-2487	-9.2	-2487	-9.2				
Jan10	0910				48248	40203	8045	16.7	8045	16.7	40776	13.4%	
Feb10					34078	25302	8776	25.8	8776	25.8			
Mar10					27121	24160	2961	10.9	2961	10.9			
Apr10					30117	28522	1595	5.0	1595	5.0			
May10					19840	18831	1009	5.1	1009	5.1			
Jun10				19653	16844	2809	13.6	2809	13.6				
Jul10				15822	12548	3274	20.7	3274	20.7				
Aug10				18351	15638	2713	14.8	2713	14.8				
Sep10				16870	13558	3312	19.7	3312	19.7				
Oct10				19507	18028	1479	7.6	1479	7.6				
Nov10				23937	20492	3445	14.4	3445	14.4				
Dec10				30198	16031	14167	46.3	14167	46.3				
Jan11	1011				43840	36795	7045	16.3	7045	16.3	50227	15.7%	
Feb11					38111	28549	9562	25.1	9562	25.1			
Mar11					30158	26683	3475	11.5	3475	11.5			
Apr11					30784	24784	6000	19.5	6000	19.5			
May11					26110	22209	3901	14.9	3901	14.9			
Jun11				20598	13782	6816	33.1	6816	33.1				

ANNUAL TOTALS				
Year	Supply	Consumption	Losses m³	Losses %
2001/2002	24692			
2002/2003	245211	224680	24551	9.9%
2003/2004	263440	235222	24618	9.3%
2004/2005	208773	186419	18354	8.8%
2005/2006	205599	214877	-10818	-5.2%
2006/2007	251914	231837	19977	7.9%
2007/2008	429702	241032	18650	4.3%
2008/2009	301621	248873	53048	17.6%
2009/2010	303482	262706	40776	13.4%
2010/2011	320386	270199	50227	15.7%



