

ANNEX 3.2:

WATER CONSUMPTION IN VRBAS MUNICIPALITY 2004, 2005 AND 2006



Table 1 Water consumption (invoiced) in Vrbas municipality in 2004 (m³)

Settlement	Category	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	TOTAL
Vrbas	households	102.735	102.735	102.735	102.735	102.735	102.735	150.040	150.040	93.775	93.775	93.775	93.775	1.291.594
	companies	11.221	9.145	11.149	12.583	9.782	9.396	10.744	11.242	11.515	9.460	8.940	7.926	123.103
	administration	4.214	5.024	5.096	5.215	3.951	4.522	6.923	6.477	5.938	5.393	7.058	5.452	65.263
TOTAL		118.170	116.904	118.980	120.533	116.468	116.653	167.707	167.759	111.228	108.628	109.773	107.153	1.479.960
Kucura	households	15.703	15.703	15.703	15.703	15.703	15.703	23.590	23.590	14.744	14.744	14.744	14.744	200.374
	companies	574	596	557	660	960	572	422	794	957	660	571	495	7.818
	administration	148	195	141	154	163	113	200	255	178	732	247	453	2.979
TOTAL		16.425	16.494	16.401	16.517	16.826	16.388	24.212	24.639	15.879	16.136	15.562	15.692	211.171
Savino Selo	households	12.742	12.742	12.742	12.742	12.742	12.742	19.654	19.654	12.284	12.284	12.284	12.284	164.894
	companies	524	489	847	816	798	956	977	1.143	957	894	905	796	10.102
	administration	137	135	134	192	140	303	145	290	124	180	186	167	2.133
TOTAL		13.403	13.366	13.723	13.750	13.680	14.001	20.776	21.087	13.365	13.358	13.375	13.247	177.129
B.D. Polje	households	14.354	14.354	14.354	14.354	14.354	14.354	22.888	22.888	14.305	14.305	14.305	14.305	189.119
	companies	923	673	1.141	914	921	1.212	1.196	877	995	779	821	719	11.171
	administration	216	138	220	178	241	319	151	175	243	365	213	188	2.647
TOTAL		15.493	15.165	15.715	15.446	15.516	15.885	24.235	23.940	15.543	15.449	15.339	15.212	202.937
Zmajevio	households	16.818	16.818	16.818	16.818	16.818	16.818	26.342	26.342	16.464	16.464	16.464	16.464	219.448
	companies	2.658	2.287	2.039	2.365	2.014	1.937	1.821	1.984	1.349	1.644	805	2.837	23.740
	administration	137	141	140	181	148	175	73	107	212	218	218	229	1.979
TOTAL		19.613	19.246	18.997	19.364	18.980	18.930	28.236	28.433	18.025	18.326	17.487	19.530	245.167
Ravno Selo	households	13.370	13.370	13.370	13.370	13.370	13.370	20.050	20.050	12.531	12.531	12.531	12.531	170.445
	companies	913	844	611	717	666	1.426	1.119	737	784	580	475	647	9.519
	administration	78	92	150	151	136	243	232	790	176	170	183	213	2.614
TOTAL		14.361	14.306	14.131	14.238	14.172	15.039	21.401	21.577	13.491	13.281	13.189	13.391	182.578
TOTAL	households	175.722	175.722	175.722	175.722	175.722	175.722	262.565	262.565	164.103	164.103	164.103	164.103	2.235.874
	companies	16.813	14.034	16.344	18.055	15.141	15.499	16.279	16.777	16.557	14.017	12.517	13.420	185.453
	administration	4.930	5.725	5.881	6.071	4.779	5.675	7.724	8.094	6.871	7.058	8.105	6.702	77.615
TOTAL		197.465	195.481	197.947	199.848	195.642	196.896	286.568	287.436	187.531	185.178	184.725	184.225	2.498.942

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Table 2 Water consumption (invoiced) in Vrbas municipality in 2005 (m³)

Settlement	Category	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	TOTAL
Vrbas	households	102.830	102.830	102.830	107.715	107.715	107.715	114.261	114.261	114.261	87.224	87.224	87.224	1.236.090
	companies	9.347	9.038	9.504	7.292	8.277	11.335	8.029	11.325	8.756	8.283	8.998	9.284	109.468
	administration	5.359	5.443	5.359	4.816	6.569	8.250	4.493	4.445	4.598	5.278	5.862	5.295	65.767
TOTAL		117.536	117.311	117.693	119.823	122.561	127.300	126.783	130.031	127.615	100.785	102.084	101.803	1.411.325
Kucura	households	15.006	15.006	15.006	17.619	17.619	17.619	19.410	19.410	19.410	13.772	13.772	13.772	197.419
	companies	676	547	494	402	784	806	798	674	734	1.237	708	761	8.621
	administration	192	147	103	84	140	475	237	209	223	188	339	198	2.535
TOTAL		15.874	15.700	15.603	18.105	18.543	18.900	20.445	20.293	20.367	15.197	14.819	14.731	208.575
Savino Selo	households	12.298	12.298	12.298	14.327	14.327	14.327	15.401	15.401	15.401	10.974	10.974	10.974	159.002
	companies	814	1.130	851	914	817	1.226	810	1.043	883	822	946	759	11.015
	administration	171	180	171	180	178	177	734	1.047	442	282	540	288	4.390
TOTAL		13.283	13.608	13.320	15.421	15.322	15.730	16.945	17.491	16.726	12.078	12.460	12.021	174.407
B.D. Polje	households	15.175	15.175	15.175	17.454	17.454	17.454	19.303	19.303	19.303	12.802	12.802	12.802	194.203
	companies	642	860	741	670	1.043	2.063	1.786	2.734	585	471	493	1.683	13.771
	administration	212	207	264	192	205	241	398	100	227	244	196	188	2.674
TOTAL		16.029	16.242	16.180	18.316	18.702	19.758	21.487	22.137	20.115	13.517	13.491	14.673	210.648
Zmajev	households	16.101	16.101	16.101	19.050	19.050	19.050	20.174	20.174	20.174	14.534	14.534	14.534	209.579
	companies	1.767	1.961	2.365	1.660	1.813	2.337	1.544	922	1.004	1.115	1.061	1.005	18.554
	administration	160	326	335	260	363	165	134	209	111	740	183	132	3.118
TOTAL		18.028	18.388	18.801	20.970	21.226	21.552	21.852	21.305	21.289	16.389	15.778	15.671	231.251
Ravno Selo	households	11.762	11.762	11.762	13.963	13.963	13.963	15.227	15.227	15.227	11.914	11.914	11.914	158.600
	companies	594	412	636	791	758	942	520	587	574	219	542	482	7.057
	administration	109	269	132	327	264	196	115	127	132	107	169	172	2.119
TOTAL		12.465	12.443	12.530	15.081	14.985	15.101	15.862	15.941	15.933	12.240	12.625	12.568	167.776
TOTAL	households	173.172	173.172	173.172	190.128	190.128	190.128	203.777	203.777	203.777	151.221	151.221	151.221	2.154.893
	companies	13.840	13.948	14.591	11.729	13.492	18.709	13.487	17.285	12.536	12.147	12.748	13.974	168.486
	administration	6.203	6.572	6.364	5.859	7.719	9.504	6.111	6.137	5.733	6.839	7.289	6.273	80.603
TOTAL		193.215	193.692	194.127	207.716	211.339	218.341	223.375	227.199	222.046	170.207	171.258	171.468	2.403.982

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Table 3 Water consumption (invoiced) in Vrbas municipality in 2006 (m³)

Settlement	Category	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	TOTAL
Vrbas	households	100.467	100.467	100.467	104.390	104.390	104.390	120.360	120.360	120.360	101.156	101.156	101.156	1.279.118
	companies	8.841	8.328	9.842	7.933	9.461	10.763	10.227	12.072	12.466	10.460	8.336	10.469	119.198
	administration	5.322	3.664	5.875	10.253	6.869	9.356	11.277	10.303	18.409	11.411	8.289	12.941	113.969
TOTAL		114.630	112.459	116.184	122.576	120.720	124.509	141.864	142.735	151.235	123.027	117.781	124.566	1.512.285
Kucura	households	14.299	14.299	14.299	15.849	15.849	15.849	21.877	21.877	21.877	16.379	16.379	16.379	205.213
	companies	569	464	491	1.094	856	923	900	1.006	634	704	530	764	8.935
	administration	185	173	232	189	168	192	150	216	185	199	167	204	2.260
TOTAL		15.053	14.936	15.022	17.132	16.873	16.964	22.927	23.099	22.696	17.282	17.076	17.347	216.408
Savino Selo	households	12.160	12.160	12.160	13.854	13.854	13.854	17.830	17.830	17.830	13.433	13.433	13.433	171.829
	companies	796	727	861	899	923	1.074	1.224	1.131	1.102	779	1.059	794	11.369
	administration	128	656	437	570	516	864	2.452	845	752	459	239	267	8.185
TOTAL		13.084	13.543	13.458	15.323	15.293	15.792	21.506	19.806	19.684	14.671	14.731	14.494	191.383
B.D. Polje	households	13.879	13.879	13.879	16.002	16.002	16.002	21.509	21.509	21.509	15.645	15.645	15.645	201.105
	companies	352	552	385	719	3.663	1.058	808	1.220	717	810	816	633	11.733
	administration	75	706	216	216	232	209	162	419	353	183	103	212	3.086
TOTAL		14.306	15.137	14.480	16.937	19.897	17.269	22.479	23.148	22.579	16.638	16.564	16.490	215.924
Zmajevio	households	13.833	13.833	13.833	16.974	16.974	16.974	22.662	22.662	22.662	15.668	15.668	15.668	207.411
	companies	2.357	2.214	1.001	1.117	1.063	1.041	1.180	1.143	1.074	1.528	1.125	1.476	16.319
	administration	259	147	138	158	381	188	748	216	269	193	126	155	2.978
TOTAL		16.449	16.194	14.972	18.249	18.418	18.203	24.590	24.021	24.005	17.389	16.919	17.299	226.708
Ravno Selo	households	11.613	11.613	11.613	13.967	13.967	13.967	18.130	18.130	18.130	12.308	12.308	12.308	168.051
	companies	472	510	490	654	709	730	837	697	682	430	554	571	7.336
	administration	102	136	118	123	193	204	199	157	197	192	135	125	1.881
TOTAL		12.187	12.259	12.221	14.744	14.869	14.901	19.166	18.984	19.009	12.930	12.997	13.004	177.268
TOTAL	households	166.251	166.251	166.251	181.035	181.035	181.035	222.367	222.367	222.367	174.588	174.588	174.588	2.232.727
	companies	13.387	12.795	13.070	12.416	16.675	15.589	15.176	17.269	16.675	14.711	12.420	14.707	174.890
	administration	6.071	5.482	7.016	11.509	8.359	11.013	14.988	12.156	20.165	12.637	9.059	13.904	132.359
TOTAL		185.709	184.528	186.337	204.960	206.069	207.637	252.531	251.792	259.207	201.936	196.067	203.199	2.539.976

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Table 4 Annual water consumption invoiced in 2004 (m³/annum)

	Households	Companies	Administration	Total
Vrbas-town	1.291.594	123.103	65.263	1.479.960
Kucura	200.374	7.818	2.979	211.171
Bačko Dobro Polje	189.119	11.171	2.647	202.937
Zmajevo	219.448	23.740	1.979	245.167
Savino Selo	164.894	10.102	2.133	177.129
Ravno Selo	170.445	9.519	2.614	182.578
Villages-total	944.280	62.350	12.352	1.018.982
Total	2.235.874	185.453	77.615	2.498.942

Table 5 Annual water consumption invoiced in 2005 (m³/annum)

	Households	Companies	Administration	Total
Vrbas-town	1.236.090	109.468	65.767	1.411.325
Kucura	197.419	8.621	2.535	208.575
Bačko Dobro Polje	194.203	13.771	2.674	210.648
Zmajevo	209.579	18.554	3.118	231.251
Savino Selo	159.002	11.015	4.390	174.407
Ravno Selo	158.600	7.057	2.119	167.776
Villages-total	918.803	59.018	14.836	992.657
Total	2.154.893	168.486	80.603	2.403.982

Table 6 Annual water consumption invoiced in 2006 (m³/annum)

	Households	Companies	Administration	Total
Vrbas-town	1.279.118	119.198	113.969	1.512.285
Kucura	205.213	8.935	2.260	216.408
Bačko Dobro Polje	201.105	11.733	3.086	215.924
Zmajevo	207.411	16.319	2.978	226.708
Savino Selo	171.829	11.369	8.185	191.383
Ravno Selo	168.051	7.336	1.881	177.268
Villages-total	953.609	55.692	18.390	1.027.691
Total	2.232.727	174.890	132.359	2.539.976

Table 7 Average water consumption invoiced in 2004 (l/s)

	Households	Companies	Administration	Total
Vrbas-town	41,0	3,9	2,1	46,9
Kucura	6,4	0,2	0,1	6,7
Bačko Dobro Polje	6,0	0,4	0,1	6,4
Zmajevo	7,0	0,8	0,1	7,8
Savino Selo	5,2	0,3	0,1	5,6
Ravno Selo	5,4	0,3	0,1	5,8
Villages-total	29,9	2,0	0,4	32,3
Total	70,9	5,9	2,5	79,2

Table 8 Average water consumption invoiced in 2005 (l/s)

	Households	Companies	Administration	Total
Vrbas-town	39,2	3,5	2,1	44,8
Kucura	6,3	0,3	0,1	6,6
Bačko Dobro Polje	6,2	0,4	0,1	6,7
Zmajevo	6,6	0,6	0,1	7,3
Savino Selo	5,0	0,3	0,1	5,5
Ravno Selo	5,0	0,2	0,1	5,3
Villages-total	29,1	1,9	0,5	31,5
Total	68,3	5,3	2,6	76,2

Table 9 Average water consumption invoiced in 2006 (l/s)

	Households	Companies	Administration	Total
Vrbas-town	40,6	3,8	3,6	48,0
Kucura	6,5	0,3	0,1	6,9
Bačko Dobro Polje	6,4	0,4	0,1	6,8
Zmajevo	6,6	0,5	0,1	7,2
Savino Selo	5,4	0,4	0,3	6,1
Ravno Selo	5,3	0,2	0,1	5,6
Villages-total	30,2	1,8	0,6	32,6
Total	70,8	5,5	4,2	80,5

Table 10 Water consumption invoiced in 2004 - share per category (%)

	Households	Companies	Administration	Total
Vrbas-town	87,3	8,3	4,4	100,0
Kucura	94,9	3,7	1,4	100,0
Bačko Dobro Polje	93,2	5,5	1,3	100,0
Zmajevo	89,5	9,7	0,8	100,0
Savino Selo	93,1	5,7	1,2	100,0
Ravno Selo	93,4	5,2	1,4	100,0
Villages-total	92,7	6,1	1,2	100,0
Total	89,5	7,4	3,1	100,0

Table 11 Water consumption invoiced in 2005 - share per category (%)

	Households	Companies	Administration	Total
Vrbas-town	87,6	7,8	4,7	100,0
Kucura	94,7	4,1	1,2	100,0
Bačko Dobro Polje	92,2	6,5	1,3	100,0
Zmajevo	90,6	8,0	1,3	100,0
Savino Selo	91,2	6,3	2,5	100,0
Ravno Selo	94,5	4,2	1,3	100,0
Villages-total	92,6	5,9	1,5	100,0
Total	89,6	7,0	3,4	100,0

Table 12 Water consumption invoiced in 2006 - share per category (%)

	Households	Companies	Administration	Total
Vrbas-town	84,6	7,9	7,5	100,0
Kucura	94,8	4,1	1,0	100,0
Bačko Dobro Polje	93,1	5,4	1,4	100,0
Zmajevo	91,5	7,2	1,3	100,0
Savino Selo	89,8	5,9	4,3	100,0
Ravno Selo	94,8	4,1	1,1	100,0
Villages-total	92,8	5,4	1,8	100,0
Total	87,9	6,9	5,2	100,0