TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard	-	-	*150*	*80*	*0.2*	*0.1*	*0.01*	*0.05*	*0.05*	*0.2*	*5*	-
					Date	CO_3	HCO_3	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni
		IV-05			2.IX.1986	3.1	244	183.1	71.4	0	0						
		IV-05			2.XII.1986	0	270	74.5	34.5	0	0						
		IV-05			3.III.1987	0	224	-9	0								
		IV-05			2.VI.1987	0	323.6			0	0						
		IV-05			31.VIII.1987					0	0						
		IV-05			1.XII.1987					0	0						
		IV-05			16.III.1988					0	0						
		IV-05			1.VI.1988					0	0						
		IV-05			1.IX.1988					0	0						
		IV-05			6.XII.1988					0	0						
		IV-05			14.III.1989					0	0						
27	MU2	IV-05	Q_{al+prl}	Pumping station	31.V.1989					0	0						
		IV-05			6.IX.1989					0	0						
		IV-05			5.XII.1989					0	1.7						
		IV-05			28.II.1990					0	0						
		IV-05			4.VI.1990	0	238			0	0					3	
		IV-05			4.IX.1990	0	297.5			0	0					3	
		IV-05			4.XII.1990	0	223.1			0	0						
		IV-05			5.III.1991	0	307			0	0						
		IV-05			5.VI.1991	0	237			0	0						
		IV-05			10.IX.1991	5.45	244			0.92	0						
		IV-05			3.XII.1991	0	199			0	0						
		IV-05			10.III.1992	0	261			0	0						
		IV-05			9.VI.1992	0	272	80	36	0	0						
		IV-05			9.IX.1992	0	134	121	23	0	0						
		IV-05			3.XII.1992	0	271	153.3	43.5	0	0						
		IV-05			1.III.1993	0	252.4	149.9	47.6	0	0	<.001		0.02	0.01	<0.01	<.005
		IV-05			8.VI.1993	0	250	138	10.0	0	0				0		
		IV-05			14.IX.1993	0	260	52	50	0	0.04	<.001		<0.01	0.01	0.01	0.005
		IV-05			9.XI.1993	0	237	136	37	0	0	<.001	<.001	<0.01	<0.01	<0.01	<.005
		IV-05			7.XII.1993		254	160	35	0.03	<0.01	<.001	<.001	0.04	<0.01	0.01	<.005
		IV-05			15.III.1994	0	222.9	138.8	48	0	0						
		IV-05			22.VI.1994	0	169	120.5	46.4	0	0						
		IV-05			1.IX.1994	0	206	66	10								
		IV-05			6.XII.1994	0	222	87	68	0	0				0		
		IV-05			7.III.1995	0	211	130	10	0	0				0		

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard / Date	- CO_3	- HCO_3	*150* Ca	*80* Mg	*0.2* Fe	*0.1* Mn	*0.01* Cd	*0.05* As	*0.05* Pb	*0.2* Cu	*5* Zn	- Ni
27	MU2	IV-05	Q_{al+prl}	Pumping station	6.VI.1995	0	225.8	13.8	2.8	0	0				0		
		IV-05			12.IX.1995	0	211	146.5	15.6	0	0				0		
		IV-05			19.XII.1995	0	217.4	141.9	26.2	0	0				0		
		IV-05			12.III.1996	0	208.7	19.2	29	0	0				0		
		IV-05			11.VI.1996	0	206.8	2.7	4	0	0.1				0		
		IV-05			10.IX.1996	0	241	125	7.2	0	0				0		
		IV-05			10.XII.1996	0	245.9	171	42.2	0	0				0		
		IV-05			19.III.1997	0	235.8	104	51	0	0	<.001		<.001	0	0.012	0.002
		IV-05			17.VI.1997	0	185	176.1	10.6	0	0	<.001		0.006	0.03	0.023	0.009
		IV-05			17.IX.1997	0	215.7	172.2	49.42	0.07	0	<.005		<.005	0	0.350	0.003
		IV-05			9.XII.1997	0	227	169.8	18.1	0	0				0		
28	TOP	IV-04	Q_{al+prl}	tube well	10.X.1980	0	162.7	44	7.6	0	0						
		IV-04			6.V.1981	0	184	48.2	0	0	0						
		IV-04			7.X.1981	0	188.5	72.5	9.5	0	0						
		IV-04			22.IV.1982	0	155	74	29.2	0.3	0						
		IV-04			6.X.1982	0	137	80.1	19.9	0	0						
		IV-04			3.V.1983	0	155.3	123.9	19.9	0.4	0						
		IV-04			19.X.1983	0	222.8	70.7	11.6	0.1	0						
		IV-04			19.IV.1984	0	183	56.7	23.7	0	0						
		IV-04			16.X.1984	0	115	45.3	7.5	0.5	0						
		IV-04			18.IV.1985	0	140.9	88.2	13.4	0	0						
		IV-04			14.IX.1985	0	142	48.1	18.2	1.7	0				0		
		IV-04			9.IV.1986	0	136	88.2	17.9	0	0						
		IV-04			9.XII.1986	0	190	78.2	47.4	0	0		0		0		
		IV-04			7.IV.1987	0	174			0	0						
		IV-04			18.X.1987					2.1	0						
		IV-04			20.IV.1988					0	0						
		IV-04			9.XI.1988	0	345			0	0						
		IV-04			26.IV.1989					0.5	0		0		0		
		IV-04			10.X.1989	0	165.2	80.1	15.5	0	0						
		IV-04			23.X.1990	0	206			0.7	0		0		0		
		IV-04			18.X.1991	0	199.6	66.1	12	0	0		0		0		
		IV-04			21.IV.1992	0	170	62	10.2	0	0						
		IV-04			1.IX.1992	0	231	58.1	12.2	0	0		0		0		
		IV-04			21.X.1992	0	231	58.1	12.2	0	0		0		0		

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard	-	-	*150*	*80*	*0.2*	*0.1*	*0.01*	*0.05*	*0.05*	*0.2*	*5*	-
					Date	CO_3	HCO_3	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni
28	TOP	IV-04	Q_{cl+prl}	tube well	9.III.1993	0	176	85.3	20.7	0.004	0	<.001		0.01	0.01	0.02	<.005
		IV-04			14.IX.1993	0	139	80	17	1.48	0.01	<.001		0.02	<0.01	0.02	<.005
		IV-04			15.III.1994	0	169.9	81.7	34	0	0				0		
		IV-04			1.IX.1994	0	141	88	16								
		IV-04			7.III.1995	0	217	80	20	0	0				0		
		IV-04			11.VI.1996	0	145.7	1.4	3.5	0	0.02				0		
		IV-04			10.IX.1996	0	175	69.5	13.2	0	0				0		
29	MU2	IV-37		Pumping station	30.III.1993	95.8	195	120.5	19.4	0	0						
		IV-37			8.VI.1993	0	195	90.8	25	0	0						
		IV-37			14.IX.1993	0	190	79	16	0	0.02	<.001		0.01	0.01	0.03	<.005
		IV-37			7.XII.1993		190	107	23	0.05	<0.01	<.001	<.001	<0.01	<0.01	0.04	<.005
		IV-37			16.III.1994	0	222.9	101.5	34	0	0				0		
		IV-37			22.VI.1994		207	90.6	24.8								
		IV-37			8.IX.1994	0	235	10.2	20.3	0	0				0		
		IV-37			6.XII.1994	0	222	36	59	0	0				0		
		IV-37			7.III.1995	0	144	78	21	0	0				0		
		IV-37			6.VI.1995	0	201.7	86.5	15.2	0	0				0		
		IV-37			12.IX.1995	0	189.9	87.5	30.8	0	0				0		
		IV-37			19.XII.1995	0	203.7	90.3	35.7	0	0				0		
		IV-37			12.III.1996	0	198.6	11.8	21	0	0				0		
		IV-37			11.VI.1996	0	191.4	1.8	3.1	0	0.04				0		
		IV-37			10.IX.1996	0	218	76.9	24.6	0	0				0		
		IV-37			10.XII.1996	0	193	114.3	16.7	0	0				0		
		IV-37			19.III.1997	0	499.3	95	36	0	0	<.001		<.001	0	0.065	<.001
		IV-37			17.VI.1997	0	198	105.9	14.4	0	0	<.001		0.002	0.02	0.008	0.007
		IV-37			17.IX.1997	0	193.6	103.5	15.2	0	0				0		
		IV-37			9.XII.1997	0	180	104.6	23.6	0	0				0		

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard	-	-	150	80	0.2	0.1	0.01	0.05	0.05	0.2	5	-
					Date	CO_3	HCO_3	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni
30	MU2	IV-06	Q_{al+prl}	shift well "Elhim-Iskra" factory	7.I.1997	0	179	68.2	0	0	0	0.002		0.006	0	0.018	0.007
		IV-06			11.III.1997	0	203.3	79.1	18.9	0.01	0	<.001	.0020	<.001	0	0.026	<.001
		IV-06			10.IV.1997	0	203.7	81.5	22.4	0	0	<.001		0.110	0	0.056	<.001
		IV-06			6.V.1997	0	188.4	59.2	34	0	0	<.001	.0007	0.126	0	0.032	0.020
		IV-06			10.VI.1997	0	198	68	23	0	0	0.003		0.005	0	0.032	0.003
		IV-06			1.VII.1997	9.0	212.9	54.4	23.9	0	0	0.003		0.029	0	0.046	0.042
		IV-06			5.VIII.1997	0	160.7	51.2	7.5	0	0	<.005		0.009	0	0.011	0.038
		IV-06			9.IX.1997	0	191	53.2	15.4	0	0	<.005		0.009	0	0.040	<.003
		IV-06			7.X.1997	15.2	185.3	61.1	23.3	2.34	0	<.005		<.005	0	0.041	0.003
		IV-06			4.XI.1997	0	203.3	68.0	20.6	0.45	0	<.005		<.005	0	0.030	0.003
		IV-06			2.XII.1997	0	213.0	90.1	19.4	0	0				0		
31	MU2	IV-07	Q_{al+prl}	Pumping station	12.VI.1980	0	192.3	39.7	14.4	0	0			0			
		IV-07			4.IX.1980	0	54.2			9.4	6.1			0			
		IV-07			11.XII.1980	0	215	115	25	0.3	0			0			
		IV-07			3.III.1981	0	230.2	50.2	10.5	0.1	0			0			
		IV-07			11.IX.1981	0	321.6	60.8	22.6	0	0			0			
		IV-07			9.XII.1981	0	202.3	67.4	30.4	0	0			0			
		IV-07			9.III.1982	0	222	66	12.1	0	0						
		IV-07			8.VI.1982	0	211	73.4	8.5	0.2	0						
		IV-07			7.IX.1982	0	162	13.7	8.8	0	0						
		IV-07			14.XII.1982	0	311	69.1	11	0	0						
		IV-07			3.III.1983	0	166	59.5	35.9	0	0						
		IV-07			1.VI.1983	33	222	38.2	22.1	0	0			0			
		IV-07			5.IX.1983	0	89	88.2	36.5	9.2	1.9			0		0	
		IV-07			1.XII.1983	0	99	39.1	16.7	0	1			0			
		IV-07			13.III.1984	0	183	0	68.4	0	0			0			
		IV-07			5.VI.1984	0	257	27.6	39.3	0	0			0			
		IV-07			25.IX.1984	0	195	74.1	23.7	0.6	0			0			
		IV-07			18.XII.1984	0	137	86.5	15	4.2	0			0	0		
		IV-07			20.III.1985	0	216.9	60.1	13.4	0	0			0			
		IV-07			13.VI.1985	0	218	50.1	12.2	0	0			0			
		IV-07			3.IX.1985	0	364	42.1	18.2	0	0			0			
		IV-07			4.XII.1985	0	119	94	25.6	4.6	1.4			0			
		IV-07			4.III.1986	0	136	33.5	19.2	0	0			0			
		IV-07			3.VI.1986	0	257	64.5	41.5	0	0			0			

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard	-	-	*150*	*80*	*0.2*	*0.1*	*0.01*	*0.05*	*0.05*	*0.2*	*5*	-
					Date	CO_3	HCO_3	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni
		IV-07			2.IX.1986	6.3	192.6	117.7	41.7	0	0			0			
		IV-07			2.XII.1986	0	231	47	35.7	0	0						
		IV-07			3.III.1987	0	243			0.7	0			0			
		IV-07			2.VI.1987	0	323.6			0	0			95.6			
		IV-07			31.VIII.1987					0	0			94.4			
		IV-07			1.XII.1987					0	0			0			
		IV-07			17.III.1988					0	0.4			0.018		1.4	
		IV-07			1.VI.1988					0	0	0.003		0.01		0.1	
		IV-07			1.IX.1988					0.9	0	0		0		0.1	
		IV-07			6.XII.1988					0.4	0.6	0.001		0.004		0.2	
		IV-07			14.III.1989					0	1.3						
		IV-07			31.V.1989					0.6	1.1	0.001		0.007		0.29	
		IV-07			6.IX.1989					0	0.4	0.003		0.007		1.45	
		IV-07			6.XII.1989					0	0.8	0.003		0.019		0.1	
		IV-07			28.II.1990					0	2.3	0.02		0.087		0.41	
		IV-07			4.VI.1990	0	214.2			0	1			0.03		3	
		IV-07			4.IX.1990	0	238			0	0.5	0.003		0.004		0.04	
		IV-07			4.XII.1990	0	278.8			0	1.9	0.003		0.016		0.03	
		IV-07			5.III.1991	0	349			0	1						
31	MU2	IV-07	Q_{al+pl}	Pumping station	5.VI.1991	0	264.9			0.9	2.2				0		
		IV-07			11.IX.1991	10.98	244			0.92	0.56						
		IV-07			3.XII.1991	0	266			0.4	0.3						
		IV-07			10.III.1992	0	261			0.3	0.3						
		IV-07			9.VI.1992	0	295	80	7	0.5	1.15	0.006		0.022		0.015	
		IV-07			1.IX.1992	0	167.4	38	46.4	0	0.2						
		IV-07			7.XII.1992	0	273	111.7	17.9	0.52	1.4	0.003		0.04		0.016	
		IV-07			19.I.1993		263.8	6.0	79	0.42	1.34	<.001		0.01	0	0.008	
		IV-07			2.II.1993		263.8	90	18.8	0.91	0	<.001		0.01	0.01	0.004	
		IV-07			1.III.1993	0	33.6	95	7	0	1.25	<.001		0.01	0.01	<0.01	<.005
		IV-07			4.V.1993	0	175.7	75.3	23.4	0	0				0		
		IV-07			1.VI.1993	0	244	82.6	18	0	0.83				0		
		IV-07			6.VII.1993	0	243.9	85.3	18.6	0	1.1	<.001		<0.01	0		
		IV-07			10.VIII.1993	0	234	38.7	2.0	0	1.03				0		
		IV-07			8.IX.1993	0	236	61.3	25.3	0	1.17	<.001		0.02	<0.01	0.1	<.005
		IV-07			12.X.1993	0	126.9	75.9	5.4	0	0.82	<.001		0.01	<0.01	<0.01	<.005
		IV-07			2.XI.1993	0	231.1	103.7	31.4	0	0.35	<.001	0.001	0.01	0	<0.01	<.005

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard	-	-	*150*	*80*	*0.2*	*0.1*	*0.01*	*0.05*	*0.05*	*0.2*	*5*	-
					Date	CO_3	HCO_3	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni
		IV-07			1.XII.1993		228.7	92.4	46.9	0.4	1.05	<.001	0.001	0.02	0.01	0.02	<.005
		IV-07			9.III.1994	0	236.1	88	18.7		0.17						
		IV-07			15.VI.1994	0	168	69	22	0	0				0		
		IV-07			12.VII.1994	0	170.8	71.2	16.3	0	0				0		
		IV-07			8.IX.1994	0	235	8.7	26.5	0	0				0		
		IV-07			1.XII.1994		240	54	41.7								
		IV-07			10.I.1995	0	203	67.5	10.4	0	0				0		
		IV-07			1.III.1995	0	210.5	57.2	10.9	0	0				0		
		IV-07			4.IV.1995	0	179.5	51	11.55	0	0	0		0.001	0	0.001	0.01
		IV-07			2.V.1995	0	197.6	55.1	14.1	0	0				0		
		IV-07			1.VI.1995	0	170.8	21.3	2.3	0	0				0		
31	MU2	IV-07	Q_{al+pri}	Pumping station	4.VII.1995	0	170.8	48	12	0	0				0		
		IV-07			5.IX.1995	0	196	53	22	0	0				0		
		IV-07			3.X.1995	0	151	37.96	3.4	0	0						
		IV-07			1.XI.1995	0	228	78.7	22.4	0	0.9				0		
		IV-07			12.XII.1995	0	235.4	85	27	0	0				0		
		IV-07			9.I.1996	0	221.4	78.5	33.2	0.6	0				0		
		IV-07			6.II.1996	0	206.7	49.4	30.5	0.07	0.11				0		
		IV-07			5.III.1996	0	241.1	39.1	10.3	0.46	0.40				0		
		IV-07			2.IV.1996	0	202.2	62.45	14.64	0.05	0				0		
		IV-07			7.V.1996	0	232.2	83.3	30.86	0	0.98	<.001		<.001	0	0.013	0.012
		IV-07			4.VI.1996	0	244.5	83.2	15.9	0.08	0.23				0		
		IV-07			9.VII.1996	0	34	53	17	0	0				0		
		IV-07			6.VIII.1996	0	244.1	40.1	10.4	0	0.18						
		IV-07			4.IX.1996	0	205.2	48.8	15.1	0	0				0		
		IV-07			1.X.1996	0	207	62.5	17.9	0.2	0				0		
		IV-07			5.XI.1996	0	197	66.4	15.9	0	0				0		
		IV-061			1.III.1993	0	302	143	4	0	1.34	<.001		0.01	0.01	0.07	<.005
		IV-061			1.VI.1993	0	274.5	117.3	9.0	0	0.6				0		
		IV-061			8.IX.1993	0	268	71.2	16.3	4.0	1.87				0		
		IV-061			1.XII.1993		247.7	141.4	28.6	3.0	3.05	<.001	<.001	0.02	<0.01	0.03	<.005
32	MU2	IV-061	Q_{al+pri}	shift well	15.III.1994	0	255.7	123	39	0	0.22				0		
		IV-061			15.VI.1994	0	227	124	2	0	0				0		
		IV-061			8.IX.1994	0	235	10.7	7								
		IV-061			1.XII.1994	0	252	91.4	38	0	0				0		

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard	-	-	150	80	0.2	0.1	0.01	0.05	0.05	0.2	5	-
					Date	CO_3	HCO_3	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni
32	MU2	IV-061	Q_{al+prl}	shift well	7.III.1995	0	120	74	18	0	0				0		
		IV-061			1.VI.1995	0	235	28.4	3.2	0	0				0		
		IV-061			12.IX.1995	0	249.1	75.2	22.3	0	0				0		
		IV-061			19.XII.1995	0	263.5	97.5	16.7	0	0				0		
		IV-061			12.III.1996	0	257.2	12.8	13.0	0	0				0		
		IV-061			4.VI.1996	0	284.6	154.5	37.2	0	0				0		
		IV-061			10.IX.1996	0	310	81.5	22.05	0	0.18				0		
		IV-061			10.XII.1996	0	291.3	103	20.1	0	0.09				0		
		IV-061			19.III.1997	0	279.7	113	6.4	0	0	<.001		<.001	0	0.022	<.001
		IV-061			10.VI.1997	0	290	124	10	0	0	0.001		0.005	0	0.025	<.003
		IV-061			9.IX.1997	0	298.8	118.6	9.11	0.45	0	<.005		<.005	0	0.093	0.007
		IV-061			9.XII.1997	0	285	142.3	26.9	0	0				0		
33	LUD	IV-08	Q_{al+prl}	7 tube wells	9.III.1993	0	302.9	108	14.3	0.09	0.5	<.001		0.01	0.01	<0.01	<.005
		IV-08			8.VI.1993	0	268	86.7	32	0	0.6				0		
		IV-08			7.XII.1993		292	113	45	0.67	0.88	<.001	0.002	<0.01	<0.01	0.01	0.025
		IV-08			15.III.1994	0	327.9	122.2	53	0	0.4				0		
		IV-08			22.VI.1994	0	191	86.4	30.8	0	0.3						
		IV-08			1.IX.1994	0	244	87	42								
		IV-08			6.XII.1994	0	293	33	85	0.2	0				0		
		IV-08			7.III.1995	0	187	83	28	0	0				0		
		IV-08			11.VII.1995	0	310	91.1	3.7	0	0.1				0		
		IV-08			12.IX.1995	0	272.3	98.4	62.5	0	0				0		
		IV-08			19.XII.1995	0	273	102.3	28.2	0	0.4				0		
		IV-08			12.III.1996	0	250.0	13.9	36	2.0	0.41				0.02		
		IV-08			11.VI.1996	0	272.9	2	7.3	0	1.1				0		
		IV-08			10.XII.1996	0	272	120	28.4	0	0.3				0		
		IV-08			19.III.1997	0	267.5	103	45	0	0.3	<.001		<.001	0	0.012	<.001
		IV-08			24.IV.1997	0	317	91.4	32.1	0	0				0		
		IV-08			17.VI.1997	0	256	121.2	17.3	0.44	0.44	<.001		0.009	0.03	0.033	0.020
		IV-08			16.IX.1997	0	253.1	106.7	36.3	0.05	0.2	<.005		<.005	0	0.182	<.003
		IV-08			9.XII.1997	0	296	124.6	27.7	0.05	0.62				0		

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard	-	-	150	80	0.2	0.1	0.01	0.05	0.05	0.2	5	-
					Date	CO_3	HCO_3	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni
		IV-02			2.X.1980	0	325.2	100.2	0	0	0	0					
		IV-02			6.V.1981	0	207	48.3	0	0	0						
		IV-02			7.X.1981	0	421	123.5	14.3	0	0						
		IV-02			22.IV.1982	0	177	66	36.5	0.4	0						
		IV-02			6.X.1982	0	373	127.5	11.1	0	0						
		IV-02			3.V.1983	0	188.5	83.23	19.89	0.2	0						
		IV-02			19.X.1983	0	356.4	133.7	5.8	0	0						
		IV-02			19.IV.1984	0	390.4	48.8	41.5	0	0						
		IV-02			16.X.1984	0	144	137.8	8.7	0.1	0						
		IV-02			18.IV.1985	0	325.3	158.3	4.9	0	0						
		IV-02			14.XI.1985	0	253	106.2	35.3	0.2	0						
		IV-02			9.IV.1986	0	339	117.6	26.2	0	0						
		IV-02			9.XII.1986	0	428	117.3	11.9	0	0						
		IV-02			7.IV.1987	0	209			0	0						
		IV-02			13.XI.1987					0	0						
		IV-02			9.XI.1988	0	345			0	0						
34	MU1	IV-02	Q_{al+prl}	Pumping station	26.IV.1989					0.1	0				0		
		IV-02			10.X.1989	0	385.4	80.1	21	0	0						
		IV-02			23.X.1990	0	292.7			0	0		0		0		
		IV-02			18.X.1991	0	188.5	56.1	12	0	0				0		
		IV-02			21.IV.1992	0	182	64.1	14.1	0	0						
		IV-02			21.X.1992	0	207.9	56.1	12.2	0	0						
		IV-02			19.I.1993	0	184.9	50	11	0.56	0						
		IV-02			1.III.1993	0	235	6.1	10	0	0	<.001		0.02	0	<0.01	0.007
		IV-02			8.IX.1993	0	199	53.9	10.9	0	0				0		
		IV-02			9.III.1994	0	183.6	61.8	4.8								
		IV-02			8.IX.1994	0	165	52.4	21.2								
		IV-02			1.III.1995	0	361.4	82.9	15.6	0	0				0		
		IV-02			5.IX.1995	0	169.1	47	14	0	0				0		
		IV-02			5.III.1996	0	352.2	41.7	6.2	0	0				0		
		IV-02			4.IX.1996	0	373.6	45.6	32.7	0	0				0		
		IV-02			11.III.1997	0	370.8	117.2	17	0.04	0.07	<.001		<.001	0	0.031	0.005
		IV-02			9.IX.1997	0	334.9	71.1	25.3	0	0	<.005		<.005	0	0.050	<.003

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard / Date	- CO_3	- HCO_3	*150* Ca	*80* Mg	*0.2* Fe	*0.1* Mn	*0.01* Cd	*0.05* As	*0.05* Pb	*0.2* Cu	*5* Zn	- Ni
35	SAZ	XI-09	N_2	Pumping station 1 tube well	31.III.1993	0	378.3	100	72.96	0.14	0.01	<.001		0.01	0.01	0.28	<.005
		XI-09			30.IX.1993		329.5	72.41	43.78	0.12		<.001		0.01	<0.01	0.03	0.005
		XI-09			30.III.1994		327.8	72.72	51.49	0.07		0.001		0.01	0.01	0.03	0.007
		XI-09			6.IX.1994		327.8	117.2	39.23	0.7	0.01						
		XI-09			21.III.1995	0	329.5	84.66	64.22	0.05	<0.01	0.001		<0.01	<0.01	0.15	0.005
		XI-09			12.IX.1995	0	353.9	92.18	62.02	0.0	0.24	0		0	0	0.06	0
		XI-09			17.IV.1996	0	350.4	84.66	77.07	0.08	<0.01	<.001		<0.01	0.05	0.53	0.008
		XI-09			8.X.1996	0	390.5	86.78	64.22	0.00	0	0.003		0.009	0.01	0.10	0.004
		XI-09			8.VI.1997	0	366.1	93.13	77.07	0.03	0.01	0.004		0.032	0.01	1.41	0.019
36	SAZ	XI-13	N_2	Pumping station TPS"Maritza-east-3" 3 tube wells	23.III.1993	0	195.2	288.6	89.98	0.12	0	<.001		0.01	0.01	2.0	<.005
		XI-13			30.IX.1993		244	304.6	85.12	0.12	2.36	0.001		0.02	<0.01	1.58	0.007
		XI-13			13.XII.1993		252.1	121.2	98.08	0.43	0.87						
		XI-13			30.III.1994		226.9	307	95.63	0.39	0.29	0.001		0.02	0.01	1.45	0.006
		XI-13			14.VI.1994		252.1	290.8	63.75	0.24	0.20						
		XI-13			6.IX.1994		252.1	307	76.02	0.81	0.09						
		XI-13			21.III.1995	0	195.3	253.9	64.22	0.24	0.16	0.001		<0.01	<0.01	1.18	0.005
		XI-13			20.VI.1995	0	353.0	120.2	58.37	0.28	0.13	0.004		<0.01	<0.01	0.108	
		XI-13			11.IX.1995	0	244.1	248.8	52.29	0.12	0.33	0		0	0	0.18	0
		XI-13			14.XII.1995	0	214.3	210.1	78.46	0.11	0.10	0.004		0.009	<0.01	0.73	0.080
		XI-13			18.IV.1996	0	205.4	215.9	51.38	0.08	0.06	0.002		<0.01	<0.01	0.26	0.016
		XI-13			18.VI.1996	0	163.9	232.8	56.52	0.13	0.08	0.004		<0.01	0.016	1.58	0.01
		XI-13			17.IX.1996	0	239.5	283.6	77.07	0.10	0.07	0.001		0.01	0.01	0.22	0.013
		XI-13			17.XII.1996	0	36.61	165.9	71.93	0.67	0.39						
		XI-13			19.III.1997	0	252.1	63.50	25.69	0.33	0.08	0.002		0.02	0.01	0.06	0.012
		XI-13			10.VI.1997	0	240	60.1	28.3	1.01	0.04	0.001		0.007	0.01	0.03	0.027
37	SAZ	XI-11	Q_{al}	private shift well	23.III.1993	0	366.1	513	58.37	0.14	0	<.001		0.01	0.01	0.09	<.005
		XI-11			30.IX.1993		429.4	633.1	235.9	0.23	0.05	0.001		0.03	<0.01	2.32	0.009
		XI-11			30.III.1994		327.8	638.3	63.75	0.11	0.02	0.001		0.02	0.01	0.08	0.011
		XI-11			6.IX.1994		441.2	686.8	127.5	0.74	0.11						
		XI-11			21.III.1995	0	427.9	507.9	95.05	0.19	1.57	0.001		<0.01	<0.01	0.34	0.005
		XI-11			11.IX.1995	0	266.1	673.3	80.26	0.02	0.07	0		0	0	0.14	0
		XI-11			18.IV.1996	0	483.3	359.8	159.3	0.08	0.04	0.002		<0.01	<0.01	0.08	0.008
		XI-11			17.IX.1996	0	504.3	562.9	220.9	0.02	0.60	0.002		0.01	0.01	0.18	0.021
		XI-11			19.III.1997	0	610.2	624.5	25.69	0.33	0	0.008		0.02	0.02	0.07	0.008

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard	-	-	150	80	0.2	0.1	0.01	0.05	0.05	0.2	5	-
					Date	CO_3	HCO_3	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni
38	SAZ	XI-12	Q_{al}		24.IV.1980		491	113.4	41.1	0							
		XI-12			30.IX.1980	0	427.1	153.5	41.68	0	0.013						
		XI-12			22.IV.1981		228.7	22.4	100.1	0							
		XI-12			4.V.1981	0	378.3	94.05	37.23	0							
		XI-12			27.VII.1981	0	427.1	94.05	56.99	0							
		XI-12			28.X.1981		582.5	174.8	53.5	0							
		XI-12			15.IV.1982		298.9	246.9	95.3	0							
		XI-12			16.VIII.1982	0	447.4	166.7	55.12	0							
		XI-12			20.X.1982		646.6	163.5	57.4	0.17							
		XI-12			9.III.1983	0	366.1	111.1	22.71	0							
		XI-12			7.IV.1983		579.5	165.1	52.5	0.17							
		XI-12			5.IX.1983	3	207.5	81.8	17.4	0							
		XI-12			18.IX.1983		326.3	69.3	57	0.25							
		XI-12			4.IV.1984		216.5	247.7	84	0.59							
		XI-12			4.IX.1984	0	202.4	56.97	14.81	0							
		XI-12			16.X.1984		179.9	54.1	12.9	1.99							
		XI-12			24.IV.1985		219.6	86.6	17.5	0							
		XI-12			29.IV.1985	0	220.8	55.63	26.26	0							
		XI-12			22.X.1985		222.6	57.7	13.6	1.02							
		XI-12			16.IV.1986		222.6	52.9	31.1	1.18							
		XI-12			5.V.1986	3	219.6	63.33	23.15	0							
		XI-12			22.VII.1986	0	207.5	61.2	18	0							
		XI-12			21.X.1986		283.6	64.1	12.6	0.81							
		XI-12			18.V.1987	0	240.1	70.33	5.03	0							
		XI-12			14.IX.1987		216.1	62.15	20.11	0							
		XI-12			3.V.1989		228.6	107.7	7.54	0							
		XI-12			3.X.1989	0	268.5	62.14	16.34	0	0.008	0.003		0.005	0.018		
		XI-12			31.VII.1991					0	0.004	0	0	0.016	0.003	0.031	
		XI-12			17.VI.1992	0	434.9	561.1	87.55	0.09	0.052	0.009		0.101	0.017	0.206	0.048
39	MM3	XI-10	N_2	Pumping station 5 tube wells	23.III.1993	0.0	305.1	124.2	38.91	0.09	0	<.001		0.01	0.01	0.19	<.005
		XI-10			14.VI.1993		277.3	140.3	89.23	0.24	<0.01	<.001		0.02	<0.01	0.3	<.005
		XI-10			30.IX.1993		341.7	148.3	65.66	0.26	0.23	<.001		<0.01	<0.01	0.46	0.005
		XI-10			30.III.1994		315.2	101	44.14	0.1	0.06	0.001		0.01	0.01	0.13	0.005
		XI-10			14.VI.1994		378.2	161.6	51.49	0.21	0.4						
		XI-10			6.IX.1994		365.6	149.5	51.49	0.72	0.21						

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard	-	-	150	80	0.2	0.1	0.01	0.05	0.05	0.2	5	-
					Date	CO_3	HCO_3	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni
39	MM3	XI-10	N_2	Pumping station 5 tube wells	21.III.1995	0	329.5	143.9	48.81	0.19	1.05	0.001		<0.01	<0.01	0.39	0.005
		XI-10			20.VI.1995	0	277.3	200.4	58.37	0.2	0.16	0.004		<0.01	<0.01	2.75	
		XI-10			6.IX.1995	0	305.1	112.2	55.94	0.0	0.26	0		0	0	0.17	0.015
		XI-10			14.XII.1995	0	340.4	121.2	39.23	0.04	0.01	0.003		0.011	<0.01	0.32	0.047
		XI-10			25.VI.1996	0	315.2	148.2	41.10	0.07	0.54	0.002		0.01	0.01	0.053	0.066
		XI-10			17.IX.1996	0	365.6	139.7	42.24	0.04	0	0.001		0.01	0.01	0.66	0.01
		XI-10			17.XII.1996	0	366.1	127.0	51.38	0.10	0						
		XI-10			19.III.1997	0	341.7	124	51.38	0.17	0.06	0.004		0.02	0.01	2.15	0.018
		XI-10			10.VI.1997	0	328.2	112.5	55.8	0.10	0.01	0.003		0.026	0.001	2.75	0.041
40	MM3	XI-141	Pg	Pumping station	17.V.1993	0	402.7	132.3	14.60	0.21	<.001	0.002		0.01	0.04	0.05	<.005
		XI-141			13.X.1993		390.8	129.3	22.07	0.3	0.3	<.001		0.01	<0.01	0.04	0.013
		XI-141			19.IV.1994		392.7	121.2	12.26	0.36	0.04	<.001		<0.01	<0.01	0.05	0.012
		XI-141			28.VI.1994		617.7	121.2	100.5	0.02	0.01	<.001		<0.01	<0.01	0.02	0.01
		XI-141			21.IX.1994		441.2	121.2	14.71	0.19							
		XI-141			9.III.1995		122.0	120.2	17.02	0.14	0.02	0.001		0.01	<0.01	0.02	0.005
		XI-141			26.VI.1995	0	340.4	135.5	10.28	0.0	0.03	0.003		<0.01	<0.01	0.032	
		XI-141			26.IX.1995	0	453.9	143.9	9.0	0.26	0.86	0		0	0	0.03	0
		XI-141			28.XI.1995	0	390.5	135.5	12.85	0.14	0.02	0.003		0.017	<0.01	0.036	0.038
		XI-141			23.IV.1996	0	422.9	148.2	12.85	0.08	0.22	0.002		<0.01	0.018	0.07	0.014
		XI-141			25.VI.1996	0	428.6	133.9	7.71	0.02	0.28	0.002		<0.01	<0.01	0.07	0.04
		XI-141			15.IV.1997	0	414.9	148.2	12.84	0.17	0.01	0.004		0.025	0.02	0.1	0.018
		XI-141			4.VI.1997	0	402.7	131.2	10.28								
41	SAZ	XI-03	Q_{al+prl}	Pumping station 5 tube wells	1.IV.1993	0	292.9	120.2	12.16	0.05	0	<.001		0.01	0.01	0.07	<.005
		XI-03			8.VI.1993		329.5	116.2	24.32	0.05	<0.01	<.001		0.02	<0.01	0.01	<.005
		XI-03			29.IX.1993		327.7	80.16	34.05	0.29	0.16	<.001		0.01	<0.01	1.32	0.005
		XI-03			8.XII.1993		342.4	121.2	34.3	0.09	0.09	0.001		0.02	0.01	5.43	0.016
		XI-03			14.VI.1994		264.7	117.6	24.52	0.09	0.04						
		XI-03			7.IX.1994			101	39.23	0.74	0.04						
		XI-03			23.III.1995	0	305.1	126.9	55.2	0.12	0.08	0.001		<0.01	<0.01	3.4	0.005
		XI-03			20.VI.1995	0	340.4	88.17	14.6	0.10		0.004		<0.01	<0.01	2.28	
		XI-03			12.IX.1995	0	317.3	120.2	6.92	0	0.14	0		0	0	4.00	0
		XI-03			14.XII.1995	0	327.8	101.0	22.06	0.04	0.03	0.025		0.028	<0.01	2.86	0.081
		XI-03			17.IV.1996	0	302.1	126.9	17.43	0.08	0.12	0.002		0.011	0.059	2.93	0.022
		XI-03			27.VI.1996	0	340.4	114.3	17.98	0.07	0.22	0.003		<0.01	<0.01	2.45	0.044
		XI-03			24.IX.1996	0	327.8	97.36	21.84	0.07	0	0.001		0.01	0.08	0.04	<.005

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard	-	-	*150*	*80*	*0.2*	*0.1*	*0.01*	*0.05*	*0.05*	*0.2*	*5*	-
					Date	CO_3	HCO_3	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni
41	SAZ	XI-03	Q_{al+prl}	Pumping station	1.IV.1997	0	305.1	110.1	25.69	0.40	0.08	0.001		0	0.01	3.89	0.003
		XI-03		5 tube wells	18.VI.1997	0	292.9	97.36	25.69	0.28	0.01	0.002		0.02	0.01	1.92	0.017
42	VAC	XIV-08	Pt	catchment spring	7.XII.1993			51.3	9.2	<0.01	<0.01	<.001		<0.01	<0.01	0.12	
		XIV-08			7.VI.1994			47.3	6.8	<0.01	<0.01	<.001		<0.01	<0.01	0.09	
		XIV-08			7.VI.1995			44.9	7.8	0.045	<0.01	0.001		<0.01	<0.01	0.006	
		XIV-08			6.XII.1995			46.5	8.8	<0.01	<0.01	0.001		<0.01	0.017	0.071	
		XIV-08			12.VI.1996			46.5	4.9	0.089	<0.01	<.001		<0.01	<0.01	0.042	
		XIV-08			3.XII.1996			52.1	6.3	<0.01	<0.01	0.001		0.012	0.011		
		XIV-08			5.III.1997			51.9	7.3	<0.01	<0.01	<.001		<0.01	0.016	<0.01	
		XIV-08			4.VI.1997			44.9	5.8	0.065	<0.01	<.001		0.024	<0.01	0.012	
		XIV-08			2.XII.1997			40.1	5.8	0.128	<0.01	<.001		<0.01	<0.01		
43	VAC	XV-009	Pt	spring	10.III.1993			45.3	4.6	0.06	0.03	<.001		0.02	<0.01	0.04	
		XV-009			30.VIII.1993			52.9	1.5	<0.01	<0.01	<.001		<0.01	<0.01	<0.01	
		XV-009			7.XII.1993			53.7	7.2	<0.01	<0.01	<.001		<0.01	<0.01	0.01	
		XV-009			8.III.1994			40.8	5.8	<0.01	<0.01	<.001		<0.01	<0.01	0.69	
		XV-009			7.VI.1994			40.9	5.8	<0.01	<0.01	<.001		<0.01	<0.01	0.09	
		XV-009			8.III.1995			41.7	6.8	0.009	<0.01	0.001		<0.01	0.029	<0.01	
		XV-009			7.VI.1995			41.7	5.8	0.054	<0.01	0.001		<0.01	<0.01	0.204	
		XV-009			5.IX.1995			44.9	4.9	0.032	0.011	0.001		<0.01	0.038	0.094	
		XV-009			6.XII.1995			44.9	9.7	<0.01	<0.01	0.001		<0.01	0.016	0.046	
		XV-009			5.III.1996			52.91	7.8	<0.01	<0.01	<.001		0.011	<0.01	0.047	
		XV-009			12.VI.1996			43.3	3.9	0.097	<0.01	<.001		<0.01	<0.01	0.167	
		XV-009			3.IX.1996			48.1	7.8	<0.01	<0.01	<.001		<0.01	0.009	0.043	
		XV-009			3.XII.1996			52.1	6.3	<0.01	<0.01	<0.01		0.012	0.035	0.033	
		XV-009			5.III.1997			46.5	6.8	<0.01	<0.01	<.001		<0.01	0.014	0.085	
		XV-009			4.VI.1997			35.2	6.8	0.039	<0.01	<.001		0.024	<0.01	0.010	
		XV-009			3.IX.1997			44.8	7.2	<0.01	<0.01	<0.01		0.031	<0.01	0.146	
44	VAC	XIV-09	Pt	catchment spring Pumping station "Pamporovo"	10.III.1994			29.6	1.9	<0.01	0.03	<.001		<0.01	<0.01	0.13	
		XIV-09			6.VI.1994			27.2	1.9	<0.01	<0.01	<.001		<0.01	<0.01	0.06	
		XIV-09			12.III.1995			28.1	4.4	0.023	0.019	0.001		<0.01	0.027	<0.01	
		XIV-09			5.IX.1995			30.5	3.9	0.036	0.040	0.001		<0.01	0.039	0.071	
		XIV-09			6.XII.1995			25.7	6.8	<0.01	<0.01	0.001		<0.01	0.023	0.115	
		XIV-09			4.III.1996			27.25	2.9	<0.01	<0.01	<.001		0.010	<0.01	0.025	
		XIV-09			12.VI.1996			22.4	5.4	0.084	<0.01				<0.01	0.022	
		XIV-09			4.IX.1996			29.7	2.0	<0.01	<0.01	<.001		<0.01	0.005	0.185	
		XIV-09			11.XII.1996			23.2	4.4	<0.01	<0.01	<.001		<0.01	0.002	<0.01	

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard	-	-	*150*	*80*	*0.2*	*0.1*	*0.01*	*0.05*	*0.05*	*0.2*	*5*	-
					Date	CO_3	HCO_3	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni
44	VAC	XIV-09	Pt		5.III.1997			24.0	4.9	<0.01	<0.01	<.001		<0.01	0.018	<0.01	
		XIV-09			2.VI.1997			20.8	2.0	0.096	<0.01	<.001		0.024	<0.01	0.020	
		XIV-09			2.IX.1997												
		XIV-09			15.IX.1997			31.2	<0.01	<0.01	<0.01	0.002		0.062	<0.01	0.052	
		XIV-09			1.XII.1997			28.9	<0.01	0.051	<0.01	0.001		<0.01		0.033	
45	CPE	XIV-07	Pt	spring	6.VI.1994			30.5	5.4	<0.01	<0.01	<.001		<0.01	<0.01	0.04	
		XIV-07			7.VI.1995			33.7	3.9	0.060	<0.01	0.001		<0.01	,0.01	0.138	
		XIV-07			6.XII.1995			30.5	4.9	<0.01	<0.01	0.001		0.051	0.015	0.046	
		XIV-07			11.XII.1996			35.2	5.3	<0.01	<0.01	<.001		<0.01	0.036	0.012	
		XIV-07			4.III.1997			33.7	0.5	<0.01	<0.01	<.001		<0.01	0.012	0.011	
		XIV-07			3.VI.1997			32.0	2.9	0.054	<0.01	<.001		0.024	<0.01	0.019	
		XIV-07			25.XI.1997			30.5	5.8	0.090	<0.01	0.001		0.010	0.010		0.056
46	MM3	IV-36		Pumping station shift well	22.III.1993			68.94	35.99	0.002	0.02						
		IV-36			5.VII.1993			46.17	44.82	0	0.4						
		IV-36			28.XII.1993		280.7	81.75	28.2	0	0.07						
		IV-36			15.III.1994		286.8	46.17	26.15		0.08						
		IV-36			22.VI.1994												
		IV-36			21.IX.1994		317.3	101.6	6.5	0.01	0.013						
		IV-36			19.XII.1994		292.9	76.9	14	0.01	0.06						
		IV-36			29.III.1995		305.1	76.9	31.8	0.01	0.26						
		IV-36			21.VI.1995		298.9	84.6	21.5	0.158	0.012						
		IV-36			18.IX.1995			87.11	27.64	0.018	0.29						
		IV-36			27.XII.1995					0.005	0.025						
		IV-36			27.III.1996		299.2	77.6	24.1	0	0						
		IV-36			26.VI.1996		292.9	94.50	19.10	0.129	<0.01						
		IV-36			26.IX.1996		283.7	88.5	19.6	<0.01	0.026						
		IV-36			18.XII.1996		311.2	89.08	27.17	0.090	<0.01						
		IV-36			18.VI.1997		335.6	70.7	34.3	0.081	0.02						
		IV-36			30.IX.1997		292.9	74	24.31	<0.01	<0.01						
		IV-36			18.XII.1997			76.0	22.59	0.148	0.009						
47	HAR	XIV-002	Q_{al+prl}	Pumping station 3 shift wells and 6 tube wels	23.III.1993			56.11	35.02	0.01	0.3						
		XIV-002			5.VII.1993			43.09	46.69	3.74	0.27						
		XIV-002			28.XII.1993		298.9	83.3	22.4	0.1	1.01						
		XIV-002			16.III.1994		292.9	40.02	39.2		0.64						
		XIV-002			22.VI.1994					0.01	0.31						
		XIV-002			23.IX.1994		347.8	73.8	25.2	0.888	0.681						

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard / Date	- CO_3	- HCO_3	*150* Ca	*80* Mg	*0.2* Fe	*0.1* Mn	*0.01* Cd	*0.05* As	*0.05* Pb	*0.2* Cu	*5* Zn	- Ni
47	HAR	XIV-002	Q_{al+pl}	Pumping station 3 shift wells and 6 tube wels	19.XII.1994		335.6	64.6	30.8	1.0	1.13						
		XIV-002			29.III.1995		323.4	73.9	19.6	0.75	0.3						
		XIV-002			21.VI.1995		305.1	21.5	0.491	9.21	0.491						
		XIV-002			27.IX.1995			76.9	26.3	0.83	0.37						
		XIV-002			27.XII.1995					0.03	0.02						
		XIV-002			26.III.1996		332.5	71.9	29.8	0.50	0.75						
		XIV-002			26.VI.1996		323.4	82.90	22.80	0.832	0.995						
		XIV-002			25.IX.1996		253.2	65.4	22.9	0.192	0.281						
		XIV-002			18.XII.1996		335.6	86.09	18.30	0.899	1.089						
		XIV-002			18.VI.1997		335.6	70.7	27.6	0.126	0.62						
		XIV-002			30.IX.1997		341.7	71.80	24.38	2.40	1.01						
		XIV-002			18.XII.1997			70.30	10.70	1.296	0.949						
48	MM3	IV-29	Q_{al+pl}	Pumping station 10 tube wells and 3 shift wells	22.III.1993					0.04	2.0						
		IV-29			5.VII.1993			73.87	50.43	0	2.66						
		IV-29			28.XII.1993		280.7	145.9	26.3	0	2.7						
		IV-29			15.III.1994		292.9	64.6	66.3		2.13						
		IV-29			22.VI.1994					0.002	2.08						
		IV-29			21.IX.1994		305	132.4	34.5	<0.01	2.699						
		IV-29			19.XII.1994		299	121.6	31.7	0.034	2.8						
		IV-29			30.III.1995		292.9	120.0	37.4	0.01	2.54						
		IV-29			21.VI.1995		286.8	146.2	18.7	0.16	1.807						
		IV-29			18.IX.1995			143.3	17.55	0.010	1.41						
		IV-29			27.XII.1995					0.01	0.071						
		IV-29			27.III.1996		244.1	135.6	14.8	0.04	1.52						
		IV-29			26.VI.1996		268.5	166.7	31.80	0.135	2.029						
		IV-29			26.IX.1996		253.2	142.4	26.1	<0.01	2.184						
		IV-29			18.XII.1996		268.5	118.8	23.26	0.049	1.862						
		IV-29			18.VI.1997		320.4	125.7	49.6	0.067	1.65						
		IV-29			30.IX.1997		292.9	134.8	24.02	<0.01	2.54						
		IV-29			18.XII.1997			133.4	26.12	0.190	2.611						
49	MM3	XIV-001	Q_{al+pl}	Pumping station 10 shift wells "Neohim" enterprise	22.III.1993					0.1	0.6						
		XIV-001			5.VII.1993			38.47	37.35	0	0.32						
		XIV-001			28.XII.1993		213.8	89.8	19.6	0.05	0.74						
		XIV-001			15.III.1994		250.2	89.26	16.81		1.99						
		XIV-001			22.VI.1994					0.02	0.82						

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard	-	-	*150*	*80*	*0.2*	*0.1*	*0.01*	*0.05*	*0.05*	*0.2*	*5*	-
					Date	CO_3	HCO_3	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni
49	MM3	XIV-001	Q_{al+pl}	Pumping station 10 shift wells "Neohim" enterprise	21.IX.1994		305.1	84.6	23.3	<0.01	0.55						
		XIV-001			19.XII.1994		244.1	84.6	14	0.01	0.24						
		XIV-001			30.III.1995		225.8	95.4	15.9	0.01	0.66						
		XIV-001			21.VI.1995		244	89.3	16.8	0.01	0.592						
		XIV-001			18.IX.1995			90.49	18.58	0.01	0.71						
		XIV-001			27.XII.1995					0.009	0.52						
		XIV-001			27.III.1996		189.2	68.8	17.3	0.00	0.31						
		XIV-001			26.VI.1996		256.3	104.3	18.80	0.147	1.199						
		XIV-001			26.IX.1996		225.8	79.3	19.6	<0.01	1.089						
		XIV-001			18.XII.1996		204.4	61.90	23.64	0.116	0.347						
		XIV-001			18.VI.1997		274.6	98.2	28.1	0.038	0.28						
		XIV-001			30.IX.1997		262	82.6	16.87	<0.01	0.54						
		XIV-001			18.XII.1997			81.63	17.73	0.226	0.355						
50	MM3	IV-33	Pg	3 springs	22.III.1993			99.39	70.04		0.01						
		IV-33			5.VII.1993			63.1	79.38	0	0.31						
		IV-33			28.XII.1993		488.2	136.3	53.5	0	0.04						
		IV-33			15.III.1994		475.9	27.7	93.4	0.05	0.09						
		IV-33			22.VI.1994												
		IV-33			21.IX.1994		475.9	84.6	65.4	0.01	0.013						
		IV-33			19.XII.1994		482.1	113.9	52.3	0.014	0.013						
		IV-33			30.III.1995		482	101.6	65.4	0.02	0.02						
		IV-33			21.VI.1995		482	123.1	44.8	0.041	0.013						
		IV-33			18.IX.1995			86.96	82.92	0.023	0.019						
		IV-33			27.XII.1995					0.01	0.01						
		IV-33			27.III.1996		472.9	53.6	77.3	0	0.03						
		IV-33			26.VI.1996		457.6	112.8	51.01	0.125	<0.01						
		IV-33			26.IX.1996		445.4	104.6	60.2	<0.01	0.029						
		IV-33			18.XII.1996		506.5	99.14	76.36	0.019	<0.01						
		IV-33			18.VI.1997		518.7	86.47	76.3	0.008	0.01						
		IV-33			30.IX.1997		8.4	10.34	75.32	0.02	<0.01						
		IV-33			18.XII.1997			103.4	75.32	0.188	<0.01						

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard / Date	- CO_3	- HCO_3	*150* Ca	*80* Mg	*0.2* Fe	*0.1* Mn	*0.01* Cd	*0.05* As	*0.05* Pb	*0.2* Cu	*5* Zn	- Ni
51	MM3	IV-28	Q_{al+pl}	Pumping station tube well	31.III.1981		366	140	26.8	0	0						
		IV-28			6.IV.1982			112.2	23	0	0						
		IV-28			29.III.1983			128.2	29.3	0	0						
		IV-28			2.IV.1984			116.2	26.7	0	0						
		IV-28			2.IV.1986			112.2	11	0.05							
		IV-28			1.X.1986			110.2	20.7	0	0						
		IV-28			2.IV.1987			80.2	45.1	0	0						
		IV-28			6.VII.1988					0	0						
		IV-28			5.IV.1989					0	0						
		IV-28			10.IV.1991		381	110	26.6	0	0						
		IV-28			1.IV.1992		384.4	78.5	51.5	0	0						
		IV-28			22.III.1993			97.79	51.55		0.01						
		IV-28			15.III.1994		378.3	40.02	62.5	0.04							
		IV-28			30.III.1995		402.7	107.7	37.4	0.01	0.03						
		IV-28			27.III.1996		411.9	92.5	42.4	0.1	0.01						
52	MD	XIV-004	$Q_{al+}N_2pl$	Pumping station 11 tube wells and 2 shift wells	23.III.1993			51.3	28.21	0.04	0.2						
		XIV-004			5.VII.1993			29.24	37.35	0	0.23						
		XIV-004			28.XII.1993		219.7	72.1	17.5	0	0.3						
		XIV-004			16.III.1994		225.7	89.3	34.5		0.29						
		XIV-004			22.VI.1994						0.073						
		XIV-004			23.IX.1994		262.4	61.6	34.5	0.002	0.186						
		XIV-004			19.XII.1994		213.9	58.5	20.5	0.062	0.27						
		XIV-004			29.III.1995		238	67.7	14.9	0.02	0.37						
		XIV-004			21.VI.1995		213.8	23.08	43.9	0.246	0.167						
		XIV-004			27.IX.1995			65.1	11.06	0.034	0.390						
		XIV-004			27.XII.1995					0.08	0.040						
		XIV-004			26.III.1996		234.9	65.3	17.0	0.10	0.04						
		XIV-004			26.VI.1996		231.9	75.70	36.10	1.144	0.205						
		XIV-004			25.IX.1996		213.6	69.3	18.7	0.017	0.257						
		XIV-004			18.XII.1996		244.1	70.39	20.68	0.210	0.288						
		XIV-004			18.VI.1997		224.1	62.4	25.3	0.024	0.21						
		XIV-004			30.IX.1997		238	65.70	23.36	0.08	0.27						
		XIV-004			17.XII.1997			64.20	24.80	0.247	0.336						

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard	-	-	150	80	0.2	0.1	0.01	0.05	0.05	0.2	5	-
					Date	CO_3	HCO_3	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni
53	MM2	IV-27	Q_{al+prl}	Pumping station shift well	22.III.1993			81.76	40.69	0.02	0.07						
		IV-27			15.III.1994		323.4	101.6	31.7	0.09	0.01						
		IV-27			21.IX.1994		335.6	86.2	31.7	0.01	0.11						
		IV-27			30.III.1995		280.7	83.1	19.6	0.01	0.05						
		IV-27			18.IX.1995			91.88	55.75	0.014	0.043						
		IV-27			27.III.1996		289.8	99.1	21.4	0.24	0.16						
		IV-27			26.IX.1996		280.7	80.8	25.7	<0.01	0.159						
		IV-27			30.IX.1997		299	78.40	23.92	0.02	0.13						
54	HAR	IV-31		Pumping station of enterprise	20.X.1980		335.5	122.4	21.8	0.12	0						
		IV-31			31.III.1981		366	128	22	0	0						
		IV-31			6.X.1981		274.5	116.2	24.3	0.03	0						
		IV-31			6.IV.1982			116.2	19.4	0	0						
		IV-31			27.IX.1982			123	16.8	0							
		IV-31			29.III.1983			114.2	20.7	0	0						
		IV-31			6.X.1983			122	21.8	0.01	0						
		IV-31			2.X.1984			112.2	27.9	0	0						
		IV-31			1.X.1984			116	24.5	0	0						
		IV-31			2.IV.1986			110.2	8.5	0							
		IV-31			1.X.1986			104.2	18.3	0	0						
		IV-31			2.IV.1987			90	37.8	0	0						
		IV-31			5.X.1987					0	0						
		IV-31			6.VII.1988					0	0						
		IV-31			4.IV.1989					0	0						
		IV-31			11.X.1989					0	0						
		IV-31			9.X.1990					0							
		IV-31			10.IV.1991		382.1	118	19.1	0	0						
		IV-31			3.X.1991		366	110	18	0	0						
		IV-31			1.IV.1992		372.1	88.2	52.5	0	0						
55	HAR	XIV-003	$Q_{al+prl}+N_2$	Pumping station "Haskovo-I" 15 tube wells	14.I.1993					0	0.05						
		XIV-003			23.III.1993			50.50	35.99	0	0						
		XIV-003			17.V.1993					0	0.07						
		XIV-003			26.X.1993												
		XIV-003			16.III.1994		268.5	73.8	20.5								
		XIV-003			17.V.1994		274.5	70.8	20.5	0.16	0.03						
		XIV-003			26.VII.1994			75.4	17.7								

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard	-	-	*150*	*80*	*0.2*	*0.1*	*0.01*	*0.05*	*0.05*	*0.2*	*5*	-
					Date	CO_3	HCO_3	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni
55	HAR	XIV-003	$Q_{al+pri}+N_2$	Pumping station "Haskovo-I" 15 tube wells	23.IX.1994		292.8	80	15.8	<0.01	0.018						
		XIV-003			22.XI.1994		213.9	73.9	14.9	0.08	0.01						
		XIV-003			28.XI.1994			64.6	27.1	0.09	0.01	<.001		0.031			
		XIV-003			19.I.1995		280.7	72.3	19.6	0	0.01						
		XIV-003			29.III.1995		280.7	75.4	17.7	0.01	0.11						
		XIV-003			31.V.1995		274.5	64.8	26.8	0.118	0.09						
		XIV-003			24.VII.1995		262.4	76.18	18.0	0.121	0.075						
		XIV-003			27.IX.1995			74.18	18.06	0.016	0.010						
		XIV-003			28.XII.1995		274.6	79.4	16.9	0.021	0						
		XIV-003			21.I.1996		299	83.3	18.1	0.01	<0.01						
		XIV-003			23.I.1996		292.9	91.4	21.4	0.083	0.002						
		XIV-003			26.III.1996		280.7	76.0	19.7	0.16	0						
		XIV-003			21.V.1996		292.9	87.1	17.9	<0.01	<0.01						
		XIV-003			17.VII.1996		274.6	97.7	31.0	0.134	0						
		XIV-003			25.IX.1996		263.2	76.9	17.3	0.01	0.033						
		XIV-003			19.XI.1996		292.9	87	17.8	0.08	0.01						
		XIV-003			22.VII.1997		314.2	89.6	17.2	0.012	0.01	0.01					
		XIV-003			30.IX.1997		305.1	79.20	21.06	<0.01	<0.01						

TABLE F.2 GROUNDWATER QUALITY BY COG

No.	Data	Well No.	Location	Geological index	Basin	pH	HCO_3^-	SO_4^{2-}	Cl^-	NO_2^-	NO_3^-	PO_4^{3-}
		(unit)					(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
1	V. 1995	H1	spring "Ters dere"	T_{1-2}	HAR	7.9	406	271	60	0	56	0.6
	V. 1996					7.9	402	261	57	0	72	0.6
	IV. 1997					7.7	406	271	64	0	52	0.2
	X. 1995					7.8	383	276	64	0	60	0.4
	X. 1997					7.6	403	254	62	0	54	< 0.2
2	V. 1995	H6	WSS"Haskovo-1" observation well is 46 m far from production well	Q_{al} +Pl	HAR	7.8	217	46	19	0	14	1.2
	V. 1996					7.9	223	45	19	0	25	1.4
	IV. 1997					7.6	239	52	20	0	21	0.4
	X. 1995					7.7	210	45	21	0	18	0.5
	X. 1997					7.6	228	77	34	0	16	0.2
4	V. 1995	H9	WSS"Uzundjovo-1" observation well is 10 m far from production well	Q_{al} +Pl	HAR	8.3	276	62	50	0.02	36	1.2
	V. 1996					8.3	243	54	56	0	16	0.6
	IV. 1997					8.3	291	64	53	0	40	0.4
	X. 1995					7.9	297	50	52	0.03	40	0.8
	X. 1997					7.9	305	56	54	0	24	< 0.2
5	V. 1995	H10	WSS"Uzundjovo-II" observation well is 12 m far from production well	Q_{al} +Pl	HAR	7.8	410	56	39	0.01	29	1.2
	IV. 1996					7.8	381	37	37	0	22	0.6
	IV. 1997					7.7	454	80	48	0	30	0.4
	X. 1995					7.6	364	66	42	0	35	0.8
	X. 1997					7.5	413	42	35	0	22	< 0.2
6	V. 1995	H12	WSS"Eastern zone" observation well is 115 m far from production well	Q_{al} +Pl	HAR	7.6	298	27	27	0.02	29	1.4
	V. 1996					7.9	293	29	26	0	30	1.4
	IV. 1997					7.7	302	37	28	0	28	0.4
	X. 1995					7.9	297	33	27	0.01	32	0.8
	X. 1997					7.5	300	34	28	0	28	0.6
7	V. 1995	H15	WSS"Knijovnik" observation well is 15 m far from production well	Q_{al} +Pl	HAR	7.9	318	98	39	0.02	23	0.4
	IV. 1996					7.9	249	81	37	0	25	0.6
	IV. 1997					7.6	329	104	36	0	36	0.4
	X. 1995					7.8	297	102	41	0.01	25	0.4
	X. 1997					7.5	338	98	32	0	27	0.2

TABLE F.2 GROUNDWATER QUALITY BY COG

No.	Data	Well No.	Location	Geological index	Basin	pH	HCO_3^-	SO_4^{2-}	Cl^-	NO_2^-	NO_3^-	PO_4^{3-}
		(unit)					(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
8	V. 1995	H16	WSS"Dinevo" observation well is 57 m far from production well	Q_{al} +Pl	HAR	8.3	264	35	19	0	10	1.4
	V. 1996					8.3	348	45	21	0	18	1.4
	IV. 1997					7.8	380	80	23	0	55	1.2
	X. 1995					8	359	45	18	0	12	0.6
	X. 1997					7.6	378	42	26	0	30	0.6
9	V. 1995	H17	WSS"Bryagovo" observation well is 100 m far from production well	Q_{al} +Pl	HAR	7.8	302	76	50	0	4	0.8
	V. 1996					8.3	305	66	52	0	0	1.4
	IV. 1997					7.7	318	80	52	0	5	0.4
	X. 1995					7.7	306	82	52	0.02	4	0.4
	X. 1997					7.4	310	82	52	0	4	0.6
10	IV. 1996	K1	WSS"Slatina" production well	Q_{al}	STR	7.7	209	24	11	0	18	
	IV. 1997					7.4	215	28	10	0	18	< 0.2
	IX. 1995					8.3	223	26	11	0	17	0.4
	X. 1996					7.8	224	27	11	0	28	< 0.05
	IX. 1997					7.2	237	27	12	0	20	< 0.2
11	VI. 1995	K2	WSS"Bogdan-2" observation well is situated in a sanitary protected area	Q_{al}	STR	7.8	113	38	12	0	4	0.4
	IV. 1996					7.1	98	37	14	0	17	0.6
	IV. 1997					7	98	32	9	0	12	0.2
	X. 1996					7.7	117	46	16	0	24	0.1
	IX. 1997					6.8	120	40	14	0	19	0.4
12	VI. 1995	K11	WSS"Dabene-1" observation well is situated in a sanitary protected area	Q_{al}	STR	7.8	91	33	13	0	22	
	IV. 1996					7.2	89	32	11	0	21	0.2
	IV. 1997					6.9	85	37	12	0	18	0.2
	X. 1996					6.8	90	37	11	0	28	< 0.05
	IX. 1997					6.8	94	38	10	0	25	0.2

TABLE F.2 GROUNDWATER QUALITY BY COG

No.	Data	Well No.	Location	Geological index	Basin	pH	HCO_3^-	SO_4^{2-}	Cl^-	NO_2^-	NO_3^-	PO_4^{3-}
		(unit)					(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
13	III. 1995	K14	WSS"Hisar" observation well is situated in a sanitary protected area	Q_{al}	STR	7.8	99	21	15	0	20	0.2
	III. 1996					7.1	98	25	13	0	16	0.2
	IV. 1997					6.8	67	46	13	0	24	0.2
	X. 1996					7.7	124	29	27	0	19	< 0.05
	IX. 1997					7	80	42	13	0.09	25	0.2
14	V. 1996	Pz26	WSS"Panagurische" observation well is 6 m far from production well	Q_{al}	MU1	7.8	189	32	19	0	21	1.2
	V. 1997					8.2	190	39	16	0.01	14	0.4
	IX.1995					7.3	196	34	13	0.01	13	0
	IX. 1996					6.9	199	35	16	0	14	0.1
	VIII. 1997					7.7	220	47	15	0	0	0.6
15	V. 1996	Pz27	WSS"Pazardjik" observation well is 80 m far from production well	Q_{al}	MU2	7.3	199	35	15	0	21	1.2
	V. 1997					7.8	208	41	13	0	17	0.6
	IX.1995					8.6	177	45	13	0	10	0
	IX. 1996					7.3	199	38	13	0	12	0.15
	VIII. 1997					7.6	197	54	15	0	21	1.2
16	V. 1996	Pz30	WSS"Ognyanovo" observation well is 20 m far from production well	Q_{al}	MU2	7.5	186	30	13	0.12	10	1.2
	V. 1997					8	186	40	10	0	9	0.6
	IX.1995					7.5	177	37	7	0	7	0.4
	IX. 1996					7.6	184	25	11	0	6	< 0.05
	VIII. 1997					7.7	178	41	10	0	8	1.2
17	V. 1996	Pz5	WSS"Bratanitza" observation well is 20 m far from production well	Q_{al}	MU2	7	263	29	17	29.6	2	1.4
	V. 1997					7.9	259	30	16	0.01	38	0.6
	IX. 1995					7.2	259	29	13	0.07	38	0.2
	IX. 1996					7.4	254	36	14	0	39	0.2
	IX. 1997					8.1	249	33	15	0	44	0.8
18	V. 1996	Pz28	WSS"Unatzite" observation well is 60 m far from production well	Q_{al}	TOP	8	201	129	26	0	6	0.6
	V. 1997					7.9	186	131	24	0	11	0.6
	IX.1995					7.3	199	134	24	0	4	0.2
	IX. 1996					7.2	187	121	21	0	4	0.1
	VIII. 1997					7.5	192	135	25	0	0	0.6

TABLE F.2 GROUNDWATER QUALITY BY COG

No.	Data	Well No.	Location	Geological index	Basin	pH	HCO_3^-	SO_4^{2-}	Cl^-	NO_2^-	NO_3^-	PO_4^{3-}
		(unit)					(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
19	V. 1996	Pz31	WSS"Brestovitza" observation well is 8 m far from production well	Q_{al}	VAC	7.5	261	30	53	0	23	1
	V. 1997					7.7	309	29	16	0	14	0.6
	IX.1995					7.5	311	32	14	0	13	0
	IX. 1996					7.4	323	33	16	0	13	0.05
	VIII. 1997					8.2	311	30	14	0.04	16	0.4
20	V.1996	Pz20	WSS"K.Konare" observation well is 110 m far from production well (out of sanitary protected area)	Q_{al}	VAC	7.2	156	11	10	0	10	0.6
	V. 1997					7.6	241	37	14	0.05	16	0.4
	IX. 1995					7.7	168	23	5	0	10	0.4
	IX. 1996					7.5	177	28	8	0	13	0.1
	VIII. 1997					7.7	262	38	15	0.07	11	0.6
21	V. 1997	P9	WSS"Non-ferrous metals Plovdiv"production well	Q_{al}	MM1	7.9	369	206	27	2.23	48	0.4
	X. 1997					8	270	49	15	0	19	< 0.2
22	V. 1997	P12	WSS"Katunitza" production well	Q_{al}	MM2	7.9	188	41	14	0	8	0.2
	X. 1997					7.8	223	33	12	0	23	< 0.2
24	V. 1997	P26	WSS"Parvomay-east" production well	Pl	MM2	7.9	344	119	19	0.04	30	1.2
	X. 1997					7.8	331	107	20	0	25	0.2
25	V. 1997	P25	WSS"Pravoslaven" production well	Pl	MM2	7.1	136	45	23	0.4	16	1.2
	X. 1997					7.1	131	48	17	0	18	0.4
26	V. 1997	P4	WSS"Plovdiv-north" observation well is 9 m far from production well	Pl	MM1	7.9	284	66	19	0.04	8	0.4
	X. 1997					8	284	70	18	0	10	< 0.2
27	V. 1997	P3	WSS"Plovdiv-south"	Pl	MM1	7.8	203	29	10	0.01	5	0.6
28	V. 1997	P8	WSS"Plovdiv-east" observation well is 15 m far from production well	Pl	MM1	7.9	232	34	16	0.04	9	1

TABLE F.2 GROUNDWATER QUALITY BY COG

No.	Data	Well No.	Location	Geological index	Basin	NH_4^+	Mg^{2+}	Ca^{2+}	Na+k	Total Fe	Mn^{2+}	Zn^{2+}
		(unit)				(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
1	V. 1995	H1	spring "Ters dere"	T_{1-2}	HAR	0	56	140	97.4	< 0.1	< 0.05	< 0.05
	V. 1996					0	51	136	94.3	< 0.1	< 0.05	< 0.05
	IV. 1997					0	49	136	89.4	< 0.1	< 0.05	< 0.05
	X. 1995					0	52	130	93.5	< 0.1	< 0.05	< 0.05
	X. 1997					0	52	139	90.2	< 0.1	< 0.05	< 0.05
2	V. 1995	H6	WSS"Haskovo-1" observation well is 46 m far from production well	Q_{al} +Pl	HAR	0.005	12	67	29.5	< 0.1	0.15	0.05
	V. 1996					0.002	13	69	29.4	< 0.1	< 0.05	< 0.05
	IV. 1997					0	14	72	31	< 0.1	< 0.05	< 0.05
	X. 1995					0	13	64	23.8	< 0.1	0.2	< 0.05
	X. 1997					0	16	87	34	< 0.1	< 0.05	< 0.05
4	V. 1995	H9	WSS"Uzundjovo-1" observation well is 10 m far from production well	Q_{al} +Pl	HAR	0.01	36	66	55.5	< 0.1	< 0.05	0.1
	V. 1996					0.002	30	45	63	< 0.1	< 0.05	< 0.05
	IV. 1997					0	33	62	57	< 0.1	< 0.05	< 0.05
	X. 1995					0.005	31	68	59.6	< 0.1	< 0.05	0.2
	X. 1997					0	32	54	59	< 0.1	< 0.05	< 0.05
5	V. 1995	H10	WSS"Uzundjovo-II" observation well is 12 m far from production well	Q_{al} +Pl	HAR	0.008	36	109	32.6	0.1	< 0.05	< 0.05
	IV. 1996					0	27	77	53	< 0.1	< 0.05	0.05
	IV. 1997					0	35	125	34	< 0.1	< 0.05	< 0.05
	X. 1995					0.004	34	100	31.1	0.2	< 0.05	< 0.05
	X. 1997					0	32	97	34	< 0.1	< 0.05	< 0.05
6	V. 1995	H12	WSS"Eastern zone" observation well is 115 m far from production well	Q_{al} +Pl	HAR	0.01	18	88	29.2	< 0.1	< 0.05	< 0.05
	V. 1996					0.002	14	87	29	< 0.1	< 0.05	< 0.05
	IV. 1997					0	16	90	29	< 0.1	< 0.05	< 0.05
	X. 1995					0.005	18	90	28.1	< 0.1	< 0.05	< 0.05
	X. 1997					0	21	88	30	< 0.1	< 0.05	< 0.05
7	V. 1995	H15	WSS"Knijovnik" observation well is 15 m far from production well	Q_{al} +Pl	HAR	0	19	112	41.2	< 0.1	< 0.05	0.1
	IV. 1996					0	18	110	49	< 0.1	< 0.05	< 0.05
	IV. 1997					0	24	125	29	< 0.1	< 0.05	< 0.05
	X. 1995					0	12	120	44.3	0.1	< 0.05	< 0.05
	X. 1997					0	23	114	33	< 0.1	< 0.05	< 0.05

TABLE F.2 GROUNDWATER QUALITY BY COG

No.	Data	Well No.	Location	Geological index	Basin	NH_4^+	Mg^{2+}	Ca^{2+}	Na+k	Total Fe	Mn^{2+}	Zn^{2+}
		(unit)				(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
8	V. 1995	H16	WSS"Dinevo" observation well is 57 m far from production well	Q_{al} +Pl	HAR	0.008	16	70	35.2	< 0.1	< 0.05	< 0.05
	V. 1996					0	21	80	46	< 0.1	< 0.05	< 0.05
	IV. 1997					0	25	107	20	< 0.1	< 0.05	< 0.05
	X. 1995					0	19	76	44.3	< 0.1	< 0.05	< 0.05
	X. 1997					0	20	93	46	< 0.1	< 0.05	< 0.05
9	V. 1995	H17	WSS"Bryagovo" observation well is 100 m far from production well	Q_{al} +Pl	HAR	0.004	19	74	71.6	< 0.1	0.4	0.05
	V. 1996					0.002	16	72	83	< 0.1	0.37	< 0.05
	IV. 1997					0	25	76	69	< 0.1	0.64	< 0.05
	X. 1995					0	19	80	61.2	< 0.1	0.4	< 0.05
	X. 1997					0.04	20	76	72	< 0.1	0.89	< 0.05
10	IV. 1996	K1	WSS"Slatina" production well	Q_{al}	STR	0	21	55	7.4	< 0.1	< 0.05	< 0.05
	IV. 1997					0	22	56	7.9	< 0.1	< 0.05	< 0.05
	IX. 1995					0	20	57	7.9	< 0.1	< 0.05	0.05
	X. 1996					0	21	59	7.6	< 0.1	< 0.05	< 0.05
	IX. 1997					0	22	60	7.9	< 0.1	< 0.05	< 0.05
11	VI. 1995	K2	WSS"Bogdan-2" observation well is situated in a sanitary protected area	Q_{al}	STR	0	10	10	15.2	< 0.1	< 0.05	< 0.05
	IV. 1996					0	11	11	12.9	< 0.1	< 0.05	< 0.05
	IV. 1997					0	10	10	10.8	< 0.1	< 0.05	< 0.05
	X. 1996					0	13	13	14.9	< 0.1	< 0.05	< 0.05
	IX. 1997					0	38	38	14	< 0.1	< 0.05	< 0.05
12	VI. 1995	K11	WSS"Dabene-1" observation well is situated in a sanitary protected area	Q_{al}	STR	0	11	33	12.8	< 0.1	< 0.05	< 0.05
	IV. 1996					0	10	32	12.8	< 0.1	< 0.05	< 0.05
	IV. 1997					0	11	32	12.7	< 0.1	< 0.05	< 0.05
	X. 1996					0	10	34	13.7	< 0.1	< 0.05	< 0.05
	IX. 1997					0	10	32	12.8	< 0.1	< 0.05	< 0.05

TABLE F.2 GROUNDWATER QUALITY BY COG

No.	Data	Well No.	Location	Geological index	Basin	NH_4^+	Mg^{2+}	Ca^{2+}	Na+k	Total Fe	Mn^{2+}	Zn^{2+}
		(unit)				(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
13	III. 1995	K14	WSS"Hisar" observation well is situated in a sanitary protected area	Q_{al}	STR	0	10	31	13	0.2	< 0.05	< 0.05
	III. 1996					0	9	33	12.9	< 0.1	< 0.05	< 0.05
	IV. 1997					0	13	26	12.9	< 0.1	< 0.05	< 0.05
	X. 1996					0	14	43	15.2	< 0.1	< 0.05	< 0.05
	IX. 1997					0	15	24	12.1	< 0.1	< 0.05	< 0.05
14	V. 1996	Pz26	WSS"Panagurische" observation well is 6 m far from production well	Q_{al}	MU1	0	11	64	14	< 0.1	< 0.05	< 0.05
	V. 1997					0	13	62	13	< 0.1	< 0.05	< 0.05
	IX.1995					0	13	61	12	< 0.1	< 0.05	< 0.05
	IX. 1996					0	12	63	12	< 0.1	< 0.05	< 0.05
	VIII. 1997					0	12	73	13	< 0.1	< 0.05	< 0.05
15	V. 1996	Pz27	WSS"Pazardjik" observation well is 80 m far from production well	Q_{al}	MU2	0	8	66	21	< 0.1	< 0.05	< 0.05
	V. 1997					0	10	64	19	< 0.1	< 0.05	< 0.05
	IX.1995					0	11	64	19	0.2	< 0.05	< 0.05
	IX. 1996					0	10	62	19	< 0.1	0.05	< 0.05
	VIII. 1997					0	11	66	21	< 0.1	< 0.05	< 0.05
16	V. 1996	Pz30	WSS"Ognyanovo" observation well is 20 m far from production well	Q_{al}	MU2	0.002	11	53	16	< 0.1	< 0.05	< 0.05
	V. 1997					0	17	52	15	< 0.1	< 0.05	< 0.05
	IX.1995					0	10	51	14	< 0.1	< 0.05	< 0.05
	IX. 1996					0	6	52	15	< 0.1	< 0.05	< 0.05
	VIII. 1997					0	12	52	15	< 0.1	< 0.05	< 0.05
17	V. 1996	Pz5	WSS"Bratanitza" observation well is 20 m far from production well	Q_{al}	MU2	0.032	13	86	16	< 0.1	< 0.05	< 0.05
	V. 1997					0	14	82	16	< 0.1	< 0.05	< 0.05
	IX. 1995					0	15	81	16	0.1	< 0.05	0.05
	IX. 1996					0	17	81	16	< 0.1	< 0.05	< 0.05
	IX. 1997					0	15	83	15	< 0.1	< 0.05	< 0.05
18	V. 1996	Pz28	WSS"Unatzite" observation well is 60 m far from production well	Q_{al}	TOP	0	26	89	22	< 0.1	< 0.05	< 0.05
	V. 1997					0	19	84	21	< 0.1	< 0.05	< 0.05
	IX.1995					0	19	86	22	0.1	< 0.05	< 0.05
	IX. 1996					0.002	19	80	21	< 0.1	< 0.05	< 0.05
	VIII. 1997					0	18	84	21	< 0.1	< 0.05	< 0.05

TABLE F.2 GROUNDWATER QUALITY BY COG

No.	Data	Well No.	Location	Geological index	Basin	NH_4^+	Mg^{2+}	Ca^{2+}	Na+k	Total Fe	Mn^{2+}	Zn^{2+}
		(unit)				(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
19	V. 1996	Pz31	WSS"Brestovitza" observation well is 8 m far from production well	Q_{al}	VAC	0.002	17	101	15	< 0.1	< 0.05	< 0.05
	V. 1997					0	14	95	15	< 0.1	< 0.05	< 0.05
	IX.1995					0	16	93	14	< 0.1	< 0.05	< 0.05
	IX. 1996					0	15	96	14	< 0.1	< 0.05	< 0.05
	VIII. 1997					0	15	91	15	< 0.1	< 0.05	< 0.05
20	V.1996	Pz20	WSS"K.Konare" observation well is 110 m far from production well (out of sanitary protected area)	Q_{al}	VAC	0	4	57	8	< 0.1	< 0.05	< 0.05
	V. 1997					0	11	93	11	< 0.1	< 0.05	< 0.05
	IX. 1995					0	6	56	8	< 0.1	< 0.05	< 0.05
	IX. 1996					0	5	60	8	< 0.1	< 0.05	< 0.05
	VIII. 1997					0	11	88	12	< 0.1	< 0.05	< 0.05
21	V. 1997	P9	WSS"Non-ferrous metals Plovdiv"production well	Q_{al}	MM1	0	28	188	18	< 0.1	< 0.05	< 0.05
	X. 1997					0	12	98	9	< 0.1	< 0.05	< 0.05
22	V. 1997	P12	WSS"Katunitza" production well	Q_{al}	MM2	0	8	69	11	< 0.1	< 0.05	< 0.05
	X. 1997					0	11	84	10	< 0.1	< 0.05	< 0.05
24	V. 1997	P26	WSS"Parvomay-east" production well	Pl	MM2	0	18	100	61	< 0.1	< 0.05	< 0.05
	X. 1997					0	18	96	61	< 0.1	< 0.05	< 0.05
25	V. 1997	P25	WSS"Pravoslaven" production well	Pl	MM2	0	8	54	25	< 0.1	< 0.05	< 0.05
	X. 1997					0	10	49	24	< 0.1	< 0.05	< 0.05
26	V. 1997	P4	WSS"Plovdiv-north" observation well is 9 m far from production well	Pl	MM1	0	15	80	35	< 0.1	< 0.05	< 0.05
	X. 1997					0	15	82	36	< 0.1	< 0.05	< 0.05
27	V. 1997	P3	WSS"Plovdiv-south"	Pl	MM1	0	14	52	11	< 0.1	< 0.05	< 0.05
28	V. 1997	P8	WSS"Plovdiv-east" observation well is 15 m far from production well	Pl	MM1	0	16	56	25	< 0.1	< 0.05	< 0.05

TABLE F.2 GROUNDWATER QUALITY BY COG

No.	Data	Well No.	Location	Geological index	Basin	TDS	Temp.	Hadrness	Dry residual
		(unit)				(mg/l)	(°C)	(mg/l)	
1	V. 1995	H1	spring "Ters dere"	T_{1-2}	HAR	1110		11.5	910
	V. 1996					1094		11	912
	IV. 1997					1090		10.8	
	X. 1995					1083		10.8	910
	X. 1997					1079		11.2	
2	V. 1995	H6	WSS"Haskovo-1" observation well is 46 m far from production well	Q_{al} +Pl	HAR	452		4.3	360
	V. 1996					466		4.5	370
	IV. 1997					449		4.8	
	X. 1995					439		4.3	350
	X. 1997					532		5.7	
4	V. 1995	H9	WSS"Uzundjovo-1" observation well is 10 m far from production well	Q_{al} +Pl	HAR	627		6.2	500
	V. 1996					555		4.8	446
	IV. 1997					639		5.8	
	X. 1995					640		5.9	500
	X. 1997					622		5.3	
5	V. 1995	H10	WSS"Uzundjovo-II" observation well is 12 m far from production well	Q_{al} +Pl	HAR	756		8.4	570
	IV. 1996					683		6	522
	IV. 1997					843		9.2	
	X. 1995					714		7.8	550
	X. 1997					710		7.5	
6	V. 1995	H12	WSS"Eastern zone" observation well is 115 m far from production well	Q_{al} +Pl	HAR	560		5.9	430
	V. 1996					551		5.5	420
	IV. 1997					568		5.8	
	X. 1995					570		6	430
	X. 1997					568		6.1	
7	V. 1995	H15	WSS"Knijovnik" observation well is 15 m far from production well	Q_{al} +Pl	HAR	679		7.2	535
	IV. 1996					703		7	562
	IV. 1997					708		8.2	
	X. 1995					671		7	540
	X. 1997					691		7.6	

TABLE F.2 GROUNDWATER QUALITY BY COG

No.	Data	Well No.	Location	Geological index	Basin	TDS	Temp.	Hadrness	Dry residual
		(unit)				(mg/l)	(°C)	(mg/l)	
8	V. 1995	H16	WSS"Dinevo" observation well is 57 m far from production well	Q_{al} +Pl	HAR	509		4.7	386
	V. 1996					637		5.8	476
	IV. 1997					764		7.4	
	X. 1995					619		5.4	450
	X. 1997					684		6.3	
9	V. 1995	H17	WSS"Bryagovo" observation well is 100 m far from production well	Q_{al} +Pl	HAR	639		5.2	506
	V. 1996					648		4.9	460
	IV. 1997					764		5.8	
	X. 1995					647		5.6	510
	X. 1997					656		5.4	
10	IV. 1996	K1	WSS"Slatina" production well	Q_{al}	STR	368		4.5	280
	IV. 1997					378		4.6	284
	IX. 1995					392		4.4	295
	X. 1996					401		4.7	312
	IX. 1997					410	15.2	4.8	308
11	VI. 1995	K2	WSS"Bogdan-2" observation well is situated in a sanitary protected area	Q_{al}	STR	260	12.8	2.6	216
	IV. 1996					252		2.7	220
	IV. 1997					228		2.4	194
	X. 1996					303		3.2	260
	IX. 1997					287	15.2	2.8	240
12	VI. 1995	K11	WSS"Dabene-1" observation well is situated in a sanitary protected area	Q_{al}	STR	242	13.2	2.6	206
	IV. 1996					235		2.4	214
	IV. 1997					230		2.5	204
	X. 1996					252		2.6	222
	IX. 1997					248	15.2	2.4	214

TABLE F.2 GROUNDWATER QUALITY BY COG

No.	Data	Well No.	Location	Geological index	Basin	TDS	Temp.	Hadrness	Dry residual
		(unit)				(mg/l)	(°C)	(mg/l)	
13	III. 1995	K14	WSS"Hisar" observation well is situated in a sanitary protected area	Q_{al}	STR	242	13.4	2.4	206
	III. 1996					237		2.4	206
	IV. 1997					230		2.4	210
	X. 1996					300		3.3	258
	IX. 1997					236		2.4	214
14	V. 1996	Pz26	WSS"Panagurische" observation well is 6 m far from production well	Q_{al}	MU1	306	14.2	4.1	384
	V. 1997					299		4.2	380
	IX.1995					292		4.1	376
	IX. 1996					308		4.2	382
	VIII. 1997					342		4.6	433
15	V. 1996	Pz27	WSS"Pazardjik" observation well is 80 m far from production well	Q_{al}	MU2	320		4	404
	V. 1997					320		4.1	410
	IX.1995					316		4.1	385
	IX. 1996					314		4	392
	VIII. 1997					344		4.2	423
16	V. 1996	Pz30	WSS"Ognyanovo" observation well is 20 m far from production well	Q_{al}	MU2	262		3.6	358
	V. 1997					286		4	365
	IX.1995					264		3.4	340
	IX. 1996					266		3.1	336
	VIII. 1997					288		3.6	354
17	V. 1996	Pz5	WSS"Bratanitza" observation well is 20 m far from production well	Q_{al}	MU2	400	13.7	5.5	508
	V. 1997					378		5.3	492
	IX. 1995					372		5.2	487
	IX. 1996					384	13.5	5.4	494
	IX. 1997					400		5.4	500
18	V. 1996	Pz28	WSS"Unatzite" observation well is 60 m far from production well	Q_{al}	TOP	440	15.1	6.6	522
	V. 1997					420		5.8	498
	IX.1995					426		5.8	511
	IX. 1996					404		5.6	476
	VIII. 1997					428		5.7	503

TABLE F.2 GROUNDWATER QUALITY BY COG

No.	Data	Well No.	Location	Geological index	Basin	TDS	Temp.	Hadrness	Dry residual
		(unit)				(mg/l)	(°C)	(mg/l)	
19	V. 1996	Pz31	WSS"Brestovitza" observation well is 8 m far from production well	Q_{al}	VAC	392	15.4	6.4	501
	V. 1997					388		5.6	523
	IX.1995					378		6	521
	IX. 1996					400		6.1	540
	VIII. 1997					386		5.8	524
20	V.1996	Pz20	WSS"K.Konare" observation well is 110 m far from production well (out of sanitary protected area)	Q_{al}	VAC	216	12.8	3.2	279
	V. 1997					388		5.1	439
	IX. 1995					221		3.2	294
	IX. 1996					244	12.5	3.4	317
	VIII. 1997					348		5.3	462
21	V. 1997	P9	WSS"Non-ferrous metals Plovdiv"production well	Q_{al}	MM1	915		11.7	
	X. 1997					494		5.9	
22	V. 1997	P12	WSS"Katunitza" production well	Q_{al}	MM2	355		4.1	
	X. 1997					414		5.1	
24	V. 1997	P26	WSS"Parvomay-east" production well	Pl	MM2	735		6.5	
	X. 1997					699		6.2	
25	V. 1997	P25	WSS"Pravoslaven" production well	Pl	MM2	352		3.4	
	X. 1997					330		3.3	
26	V. 1997	P4	WSS"Plovdiv-north" observation well is 9 m far from production well	Pl	MM1	542		5.2	
	X. 1997					553		5.3	
27	V. 1997	P3	WSS"Plovdiv-south"	Pl	MM1	359		3.8	
28	V. 1997	P8	WSS"Plovdiv-east" observation well is 15 m far from production well	Pl	MM1	435		4.1	

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN SOFIA

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net			Potable Water Treatment Plant
		drain.	capping	shallow well	pipe well	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total	
		number	number	number	number	number	number	number	l / s	number	total volume-m^3	number	vol. m3	km	km	km	l/s
Zlatitza	Zlatitza	6				2				4	2,350						Zlatitza-35l/s
	Karlievo	2								1	150						
	Petrich	2						1	11	2	300						
	Mirkovo	2				1				2	330						Mirkovo
	Benkovski		1					1	5	2	200						
	Bunovo	2								1	120						
	Kamenitza	3	1					1	7	4	275						
	Smolsko	4								3	380						
	Chavdar	4								2	80						
	Chelopech					1				2	300						
	total	25	2	0	0	4	0	3	23	23	4,485	0	0	79.7	31.1	111	2
Pirdop	Pirdop	1				1				2	2,000						Pirdop -90 l/s
	Dushantzi					1				2	340						
	Anton					3				2	300						
	Koprivshtitza	1				2				2	1,000						Koprivshtitza-40l/s
	total	2	0	0	0	7	0	0	0	8	3,640	0	0	0	60.1	60.1	2
Kostenetz	t.Kostenetz					2				2	2,250						Chavcha-40 l/s
	v.Kostenetz									2	400						
	Ochusha							1	8	6	475						
	Gledjova							1	6								
	G.Vasilitza									1	400						
	Pchelin									3	600						
	Podgorie									1	200						
	total	0	0	0	0	2	0	2	14	15	4,325	0	0	0	25.6	25.6	1

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN SOFIA

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net			Potable Water Treatment Plant
		drain.	capping	shallow well	pipe well	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total	
		number	number	number	number	number	number	number	l / s	number	total volume-m^3	number	vol. m3	km	km	km	l/s
Dolna Bania	Dolna Bania					1				2	800						
	Gutzal					same source		1	5	1	400						
	Maritza					same source				1	120						
	Raduil					same source											Raduil - 110 l/s
	total	0	0	0	0	1	0	1	5	4	1,320	0	0	0	31	31	1
Ihtiman	t.Ihtiman				6			2		2	3,250						
	Belitza	1	2														
	Bogdanovtzi	2	1														
	Bodrovo				1					1	120						
	Boeritza			2				1	5	1	200						
	Borika			1				1	4	1	120						
	Buziakovtzi	1	2														
	Vakarel						1			1	300						"Gabra for Vakarel"-20 l/s
	Benkovetz	1	6							1	100						
	Verinsko			4				1	8	1	200						
	Zhivkovo				2			1	11	1	600						
	Kostadinkino	1	2														
	Mirovo	1	1							1	120						
	Muhovo	2	2							1	120						
	Paunovo	1	1					1	5	1	100						
	Polyantzi	2	1							2	230						
	Suevtzi	1	2							1	75						
	Stambolovo				1			1	20	2	420						
	Chernyovo	1	2							2	170						
	Barata	1	1							1	75						
	total	15	23	7	10	0	1	8	53	20	6,200	0	0	2.8	77.1	79.9	1

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN PLOVDIV

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net			Potable Water Treatment Plant
		drain.	capping	shallow well	pipe well	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total	
		No.	No.	No.	No.	No.	No.	number	total working power kWT	No.	total vol.-m^3	No.	vol.-m^3	km	km	km	l/s
Plovdiv	Plovdiv				54	1		4	5,209	2	11,400			220	383.5	603.5	Hrabrino-100
Trud	Benkovsky				4			1	60					1158	13552	14920	
	Voivodino				3			1	22						10248	10248	
	Graf Ignatievo				3			1	26						27186	27186	
	Dink				1										10200	10200	
	Zhelyazno				1										4468	4468	
	Kalekovetz				3			1	44					400	22819	23219	
	Kostievo				1			1	22					4092	14694	18786	
	Krislovo				1										5711	5711	
	Man.Konare				1										9567	9567	
	Manole				4			1	44						24042	24042	
	Rogosh				2			1	46					6016	24103	30119	
	Radinovo				1										9046	9046	
	Stroevo				3			1						1357	7983	19340	
	Voysil				2										12657	12657	
	Trilistnik				1										8199	8199	
	Trud				4			1	44						31328	31328	
	Tzaratzovo				4			1	22					1500	18759	20259	
	Yasno Pole				2										9945	9945	
	total	0	0	0	41	0	0	10	330	0	0	0	0	14523	264507	289240	0

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN PLOVDIV

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net			Potable Water Treatment Plant
		drain.	capping	shallow well	pipe well	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total	
		No.	No.	No.	No.	No.	No.	number	total working power kWT	No.	total vol.-m^3	No.	vol.-m^3	km	km	km	l/s
Karlovo	Beguntzi			3				1	90	1	400			0.4	5.5	5.9	
	Bania		1	1				1	60	2	950			1.4	23.2	24.6	
	V.Levsky		3			1				2	340			5.4	19.6	25	
	G.Domlyan				1			1	10	1	140			0.8	5.4	6.2	
	Domlyan									1	200				8.8	8.8	
	Kurtovo				2			1	10	1	100				4.1	4.1	
	Kalofer					1				2	400			15.1	20.1	35.2	Kalofer-20
	Karlovo				8	1		4	365	5	13,040			3.7	55.8	59.5	
	Sushitza sb.					1				1	220				7.2	7.2	Sushitza-6
Karlovo	Marino pole	1													3.4	3.4	
	Mrachenik	11						2	74	2	270			9.2	2	11.2	
	Prolom									1	200			2.8	7.3	10.1	
	Sokolitza			1				1	13	1	160			0.1	5.7	5.8	
	Bogdan			3				2	40	1	500			0.6	12.6	13.2	
	Voinyagovo			1											16.2	16.2	
	Dabene			2				1	67	1	600			0.5	18.5	19	
	Iganovo									1	180			0.4	5.6	6	
	Kliment			1				1	34	1	360			1	13.9	14.9	
	Karavelovo									1	300			2.4	18.9	21.3	
	Klisura		4							1	180			6.6	8	14.6	
	Moskovetz	1								1	140				4	4	
	Pevtzite	1								1	100				3.3	3.3	
	Rozino	1						1	75	1	600			2.4	16.2	18.6	
	Slatina	1						1	17	1	260			0.6	12.4	13	
	Stoletovo		2							1	200				7	7	
	Sopot		4							3	2,460			9.2	19.3	28.5	
	Karnare		2							1	220			0.2	8.7	8.9	
	total	16	16	12	11	4	0	17	855	35	22,520	0	0	62.8	332.7	395.5	2

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN PLOVDIV

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net			Potable Water Treatment Plant
		drain.	capping	shallow well	pipe well	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total	
		No.	No.	No.	No.	No.	No.	number	total working power kWT	No.	total vol.-m^3	No.	vol.-m^3	km	km	km	l/s
Assenovgrad	Assenovgrad	2			13			3	1,100	8	5,590			58.6	92.1	150.7	
	Bachkovo		1							1	220			3.7	3.5	7.2	
	Boliartzy				1										8.5	8.5	
	Bor		1					1						0.8		0.8	
	Brata		1												5.2	5.2	
	Gornoslav		1							1	100			0.2	5.2	5.4	
	Dobrostan		1					2	110	5	257			1.7	6.5	8.2	
	Dolnoslav				2			1	39	1	140				9	9	
	Zlatovrah				1									0.2	14.1	14.3	
	Novi Izvor	1						1		1	120			0.8	9	9.8	
Assenovgrad	Izvorovo		1											0.2	0.2	0.4	
	Kozanovo									1	2,000			3.2	8.4	11.6	
	Konush									1	240				23	23	
	Kosovo		1							1	25			3.8	2.1	5.9	
	Lyaskovo		1					1		2	125			0.3	1.4	1.7	
	Mostovo		1							2	30			0.1	2.3	2.4	
	Moldova									1	200			2.3	8.2	10.5	
	Narechenski Bany		7			1				3	925			6.5	20.8	27.3	
	Novakovo		2		1					1	180			5.3	6.9	12.2	
	Oreshetz		2					1	13	2	170				3.7	3.7	
	P.Evtimovo	1						1	30	1	300			2.3	12.9	15.2	
	Stoevo		1							1	100			0.1	7.3	7.4	
	Siny brah		1											4.2		4.2	
	Topolovo		8			1		1	6	4	860			15.4	24.9	40.3	
	Tri Mogili		1					2	26	3	150			4.5	0.3	4.8	
	Cherven		1							3	390			4.2	9.6	13.8	
	Gorno Voden							1	40								
	Yavrovo		2					1	30	2	145			3	2	5	

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN PLOVDIV

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net			Potable Water Treatment Plant
		drain.	capping	shallow well	pipe well	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total	
		No.	No.	No.	No.	No.	No.	number	total working power kWT	No.	total vol.-m^3	No.	vol.-m^3	km	km	km	l/s
Assenovgrad	Dolno Voden							1	245								
	total	4	34	0	18	2	0	17	1,639	45	12,267	0	0	121.4	287.1	408.5	0
Brezovo	Babek		1			1				1	50			0.3	1.6	1.9	
	Boretz				3			1	40					3.4	12.3	15.7	
	Brezovo				5					1	250			7.7	24.8	32.5	
	Varben		2		1					2	105			0.3	8.8	9.1	
	Drangovo				2			3	40	3	385			6	21	27	
	Zelenikovo		2		1			1	25	2	290			4.4	13.4	17.8	
	Otetz Kirilovo	1								1	140				10.6	10.6	
	Padarsko			1				1	28						14.2	14.2	
Brezovo	Rozovetz					1				3	340			1.5	11.7	13.2	
	Svejen		8			4				6	208			6.6	11.1	17.7	
	Streltzi	2						1							19.1	19.1	
	Sarnegor							1	13	1	140				8.9	8.9	
	Turkmen									1	200				15.5	15.5	
	Chehlare			1		2		2	10	3	640			7.3	9.2	16.5	
	Choba				6			1	206	1	50				19.4	19.4	
	total	3	13	2	18	8	0	11	362	25	2,798	0	0	37.5	201.6	239.1	0
Kaloyanovo	Begovo			1	2									0.4	15.6	16	
	Glavatar				1			1	6						3.1	3.1	
	Gorna Mahala			1	1			1	50	1	250				11.6	11.6	
	Dolna Mahala			1	2			1	27						11.3	11.3	
	Duvanliy				1										12	12	
	Dalgo Pole			2				1	25						29.3	29.3	
	Zhitnitza			1	1			1	17	1	260				17.9	17.9	
	Ivan Vazovo			2				1	45	1	300			1.5	7.8	9.3	
	Kaloyanovo			1						1	350			0.6	31	31.6	
	Ot. Paisievo			2				2	140	2	450			1.6	13.2	14.8	

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN PLOVDIV

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net			Potable Water Treatment Plant
		drain.	capping	shallow well	pipe well	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total	
		No.	No.	No.	No.	No.	No.	number	total working power kWT	No.	total vol.-m^3	No.	vol.-m^3	km	km	km	l/s
Kaloyanovo	Pesnopoy			1											9.6	9.6	
	Razhevo			1											7.5	7.5	
	Razh. Konare			3	3			2	154	1	100			0.2	26.4	26.6	
	Suhozem			1										0.3	10.6	10.9	
	Chernozem			2				1	93					0.6	11.6	12.2	
	total	0	0	19	11	0	0	11	557	7	1,710	0	0	5.2	218.5	223.7	0
Parvomay	Bryagovo				3			1	60	1	360			1.7	19.2	20.9	
	Biala reka				2			1	30					0.2	10.1	10.3	
	Vinitza				2			1	44						8.5	8.5	
	Voden	1						1	22	1	150			0.2	2.9	3.1	
	Gradina									1	500			0.3	25.9	26.2	
Parvomay	Dobri dol	1			1			1		2	78			0.2	3.8	4	
	Dragoinovo				1					1	260			0.2	12.2	12.4	
	Dalbok izvor	1			5										15.9	15.9	
	Ezerovo		1							1	120			0.5	4.3	14.8	
	Zhalt kamak		3					1	11								
	Iskra				2										29	29	
	Karadzhalovo				2			1	17	1	120				18.2	18.2	
	Krushevo									1	180				9.6	9.6	
	Lenovo									1	260			8.5	19.7	28.2	
	Bukovo		3							1	120				7	7	
	Pravoslaven									1	400				7.3	7.3	
	Parvomay				18			1	1,070	2	3,000			0.9	86.6	87.5	
	Tatarevo				3			1	20	1	400				14.1	14.1	
	total	3	7	0	39	0	0	9	1,274	15	5,948	0	0	12.7	294.3	317	0
Rakovski	Belozem				3			1	53			1	250		39.6	39.6	
	Bolyarino				3			1	23	1	180				11.4	11.4	
	Momino selo				2			1	18						11.5	11.5	

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN PLOVDIV

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net			Potable Water Treatment Plant
		drain.	capping	shallow well	pipe well	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total	
		No.	No.	No.	No.	No.	No.	number	total working power kWT	No.	total vol.-m^3	No.	vol.-m^3	km	km	km	l/s
Rokovski	Rakovski	1			7			1	70			1	300	9.3	83.5	92.8	
	Stryama				2			1	59						33.7	33.7	
	Chalakovo									1	260				17.9	17.9	
	Shishmantzy				2			1	24					6.1	10.1	16.2	
	total	1	0	0	19	0	0	6	247	2	440	2	550	15.4	207.7	223.1	0
Rodopi	Belashtitza		2		1			2	82	4	1,010			5.3	22.9	27.2	
	Boikovo		7							2	230				7	7	
	Brestnik		8		2			1	175	2	530			6.6	25.3	31.9	
	Galabovo		2							2	325			0.4	7.2	7.6	
	Dedevo		3					1						1.9	3.5	5.4	
	Dobralak		5							1	50			4.6	7.3	11.9	
	Izvor		2							1	80			3.5	0.6	4.1	
Rodopi	Krumovo				1			1						1	20.8	21.8	
	Kuklen		15		4			3	220	6	878			18.6	19.2	37.8	
	Lilkovo		3							1	100			7.2	1.9	9.1	
	Markovo		4	2	2			3	205	4	970			11.6	15	26.6	
	Parvenetz	2								2	705			5.4	15.3	20.7	
	Ruen		2							1	70			1.2	3.8	5	
	Sitovo		3							1	100			5.1	3.4	8.5	
	Hrabrino	1	1							4	720			5.2	8.7	13.9	
	Tzar Kaloyan		1							2	30			0.2	1.5	1.7	
	Yagodovo				2			1	100	1	400				29.5	29.5	
	Biala Cherkva		1			1		3		1	200						Pepelash-12
	Plochnik					2		2	56	2	50						Stara river-60
	total	3	59	2	12	3	0	17	838	37	6,448	0	0	77.8	192.9	269.7	2
Stamboliysky	Brestovitza	1			3			3	260	7	2,065			14	20.1	34.1	
	Kadievo				1			1	13	1	120				11.1	11.1	
	Krichim			2				1	300	2	2,120			11.5	25	36.5	

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN PLOVDIV

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net			Potable Water Treatment Plant
		drain.	capping	shallow well	pipe well	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total	
		No.	No.	No.	No.	No.	No.	number	total working power kWT	No.	total vol.-m^3	No.	vol.-m^3	km	km	km	l/s
Stamboliysky	K.Konare			2				1	45	1	900				28.9	28.9	
	Zlaty Trap				1										10.2	10.2	
	I.Gruevo				2									0.3	14.6	14.9	
	Stamboliysky				3			1	90						40	40	
	Novo Selo			1											15	15	
	Orizare				1			1	26						5.4	5.4	
	Perushtitza			3				3	300	2	1,000			15.5	14.7	30.2	
	Skobelevo		7							1	40			1.9	7.8	9.7	
	Try Vodicy				1			1	10						11.5	11.5	
	Ustina		4	1						2	340			9.6	6.5	16.1	
	Tzalapitza				2			1	44					0.7	42.8	43.5	
	Churen		2												0.5	0.5	
	total	1	13	9	14	0	0	13	1,088	16	6,585	0	0	53.5	254.1	307.6	0
Sadovo	Ahmatovo				3			1	64	1	120			0.9	14.5	15.4	
	Boliartzi				2			1	22			1	100	0.3	24	24.3	
	Karadzhovo				2							1	100	1	12.3	13.3	
	Katunitza				1			1	660			1	100	0.1	24.9	25	
	Popovitza				2					1	600				20.4	20.4	
	Sadovo				2			1	44					0.9	10.2	11.1	
	Cheshnigirovo				2			1	45	1	120			0.4	13.6	14	
	total	0	0	0	14	0	0	5	835	3	840	3	300	3.6	119.9	123.5	0
Saedinenie	G.Chardak				4			1	69						13	13	
	Dragomir		2		1					1	60			1	9.9	10.9	
	Liuben			3				1	43	1	700				6.8	6.8	
	M.Chardak				1										12	12	
	N.Gerovo		1		1			1	44	1	60				7.3	7.3	
	Nedelevo,Pravishte			1						1	260				12.7	12.7	
	Saedinenie				5			2	110	1	800	1	250	8.1	42.8	50.9	

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN PLOVDIV

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net			Potable Water Treatment Plant
		drain.	capping	shallow well	pipe well	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total	
		No.	No.	No.	No.	No.	No.	number	total working power kWT	No.	total vol.-m^3	No.	vol.-m^3	km	km	km	l/s
Saedinenie	Tzarimir				2										18.5	18.5	
	Tzeretelevo				1			1	22					0.4	11	11.4	
	total	0	3	4	15	0	0	6	288	5	1,880	1	250	9.5	134	143.5	0
Hisarya	Belovitza				3			1	55	3	365				19.4	19.4	
	Krasnovo	1			5			2	80	1	700			0.9	14.6	15.5	
	Krastevitch				2	1				1	60			11.4	4.2	15.6	Krastevich-3
	Mihiltzi									1	120			2.4	5.2	7.6	
	Matenitza			1	2			1	22	1	140				8.7	8.7	
	N.Gelezare				3			1	22	1	145				6.5	6.5	
	St.Gelezare		1							1	260			0.3	17.9	18.2	
	Panicheri 1& 2			2	2			2	30	1	240			0.7	15.2	15.9	
	Starosel					1				1	400				19.8	19.8	Starosel-12
	Hisarya				6			3	450	5	8,445			33	50	83	
	Efche				2			1									
	total	1	1	3	25	2	0	11	659	16	10,875	0	0	48.7	161.5	210.2	2

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN PAZARDJIK

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Potable Water Treatment Plant
		drain.	capping-spring	shallow well	pipe well	river catch.	dam catch.			underground		water tower		
		No.	No.	No.	No.	No.	No.	number	hidrofory	number	total vol.-m^3	number	vol.-m^3	l/s
Pazardjik	Mokrishte				13			1		1	280			
	Karaman Tepe				10			1						
	Ivaiylo				13			1						
	Garata				1			1						
	Sinitevo				2			1		1	1,280	1	25	
	Ognianovo				1			1				1	250	
	Hadjievo				1			2	2			2	500	
	Govedare				1			1	1					
	Malo Konare				1			1	3 x 16 m^3					
	Glavinitza				1			1		4	37,000			
	Aleko Konstantinovo				2			1	1 x 16 m^3					
	Gelemenovo				1			1		1	240			
	Apriltzi				1			1		1	100			
	Rosen			2				1		1	200			
	Pishtigovo			1				1						
	Ovchepoltzi		1	2				1		2	400			
	Topoli dol			3				1		1	250			
	Chernogorovo									1	400			
	Tzar Asen		2							2	230			
	Sbor									1	120			
	Velichkovo				2			1		2	660			
	Yunatzite				3			1	1 x 16 m^3	2	800			
	Dinkata				3			1		1	120			
	Shtarkovo		1							2	300			
	Zvanitchevo				2			1						
	Bratanitza				2			1	1 x 18 m^3	1	2,500			
	Patalenitza		4	1	2			2		6	845			
	Debrashtitza		7							1	120			
	Tzrancha		2							2	380			
	total	0	17	9	62	0	0	25	3	33	46,225	4	775	0

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN PAZARDJIK

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Potable Water Treatment Plant
		drain.	capping-spring	shallow well	pipe well	river catch.	dam catch.			underground		water tower		
		No.	No.	No.	No.	No.	No.	number	hidrofory	number	total vol.-m^3	number	vol.-m^3	l/s
Strelcha	Strelcha					1				2	1,200			Strelcha-45l/s
	Dyulevo		5					1		3	170			
	Smiletz		10					2		5	305			
	Svoboda		4					1		3	180			
	Blatnitza		1					1		3	374			
	total	0	20	0	0	1	0	5	0	16	2,229	0	0	0
Panagyurishte	Panagyurishte					1				4	3,760			Panagyurishte-35l/s
	Geshenka	5												
	"Optikoelektron"				10			1		1				
	Panagyurski Koloni					2		1		3	300			"Pan. Koloni-18l/s"
	Oborishte		2			3				3	405			"Oborishte"-18l/s
	Popintzi	2			4			2		2	224			
	Levski									2	670			
	Elshitza					1		1		2	1,400			"Elshitza"-6l/s
	Bata		4							2	250			
	Banya									1	300			
	Poibrene		5	3				2		5	395			
	total	7	11	3	14	7	0	7	0	25	7,704	0	0	0
Lessichevo	Lessichevo		1					1		3	1,050			
	Kalugerovo			3				1		3	960			
	Vinogradetz									1	500			
	Tzerovo		2							2	480			
	Slavovitza							2		2	335			
	Gorno Varshilo		1							1	140			
	Dolno Varshilo									1	15			
	total	0	4	3	0	0	0	4	0	13	3,480	0	0	4

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN PAZARDJIK

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Potable Water Treatment Plant
		drain.	capping-spring	shallow well	pipe well	river catch.	dam catch.			underground		water tower		
		No.	No.	No.	No.	No.	No.	number	hidrofory	number	total vol.-m^3	number	vol.-m^3	l/s
Septemvri	Septemvri				5			1				1	250	
	Kovachevo		1		1			1						
	Varvara		2		3			1		3	380			
	Vetren dol									2	860			
	Lozen				1			1		1	600			
	Simeonovetz		3					1		2	580			
	Semchinovo		3							1	160			
	Vetren			7				2		4	1,075			
	Karabunar				5			1		3	900			
	Zlokuchene			10										
	total	0	9	17	15	0	0	8	0	16	4,555	1	250	0
Belovo	Menenkiovo									1	450			
	Akandjievo							1		1	200			
	Belovo		4			1		1		7	4,470			"Azovo"- 3 l/s
	Goliamo Belovo		4							1	500			
	Momina Klisura		2			1				2	80			"Momina Klisura"-6 l/s
	Sestrimo		1		1					2	700			"Sestrimo"-20 l/s
	Gabrovitza		3							1	60			
	total	0	14	0	1	2	0	2	0	15	6,460	0	0	3
Bratzigovo	Isperihovo		1		3			1						
	Kozarsko									3	460			
	Biaga							1		1	320			
	Bratzigovo		5		4			1		4	2,855			
	Rozovo		7							1	320			
	Zjrebichko		3							2	120			
	Atuluk		4							1	100			
	Ravnogor		8							2	430			
	Fotinovo		2							2	290			
	total	0	30	0	7	0	0	3	0	16	4,895	0	0	0

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN PAZARDJIK

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Potable Water Treatment Plant
		drain.	capping-spring	shallow well	pipe well	river catch.	dam catch.			underground		water tower		
		No.	No.	No.	No.	No.	No.	number	hidrofory	number	total vol.-m^3	number	vol.-m^3	l/s
Rakitovo	Rakitovo		6							2	950			
	Kostandovo		1							1	400			
	Dorkovo		2							4	600			
	Sarnitza		3							2	900			
	Krushata		3							1	100			
	Barduche		3											
	total	0	18	0	0	0	0	0	0	10	2,950	0	0	0
Peshtera	Peshtera		7	1		1		2		4	6,480			
	Radilovo		4							1	180			
	Kap.Dimitrovo		2							3	710			
	cottage areas							1		5	2,000			
	total	0	13	1	0	1	0	3	0	13	9,370	0	0	0
Batak	Batak		4			1		1		4	2,000			"Batak"
	Nova Mahala		8							2	300			
	total	0	12	0	0	1	0	1	0	6	2,300	0	0	1
Velingrad	Velingrad		11			1		1		7	9,070	1		2
	Pobit kamak		1											
	Medeni poliani		2											
	Grashevo		11											
	Sv.Petka									2	520			
	Pashovo									1	200			
	Vsemirtzi									1	100			
	Dabova mahala									1	100			
	Magerova	1								1	10			
	Ablanitza		3							1	25			
	Tzvetino		4					2		5	325			
	G.Birkova		4							2	100			
	Cholakova		4					1		1	100			
	Vranentzi		1							4	425			
	Rohleva		4							1	120			
	Kondovi									1	100			
	total	1	45	0	0	1	0	4	0	28	11,195	1	0	2

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN PESHTERA

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net			Potable Water Treatment Plant
		drain.	capping	shallow well	pipe well	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total	
		number	number	number	number	number	number	number	total working power kWT	No.	total vol.-m^3	No.	vol.-m^3	km	km	km	l/s
Peshtera	Peshtera		6	1	4			2	150	4	2530			31.2	39.7	70.9	23
	v.Radilovo		7								430			11	14	25	
			2					1	43		650			7.2	9.1	16.3	
	v.Kap.Dimitrievo		15	1	4			3	193	4	3610			49	63	112	23
	total		30	2	8	0	0	6	386	8	7220	0	0	98.4	125.8	224.2	2

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN HASKOVO

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net		
		drain	capping	shallow well	pipe well	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total
		No.	No.	No.	No.	No.	No.	number	total working power kWT	number	vol.-m^3	number	vol.-m^3	km	km	km
Haskovo	Haskovo		4	1	49	8	1	8	3,755	6	48,900	2	1900	120	73	193
	Aleksandrovo				1			1	13	2	125			4	7	11
	Briagovo			3				1	42	1	160			0.4	9	9.4
	Voivodovo				1					1	350				8	8
	Vaglarovo									1	140			5	13	18
	Garvanovo		1					1	10	1	280			0.1	7	7.1
	Golemantzi		3							2	125				12	12
	Dolno Voivodino									2	60			2	6	8
	Dinevo				2			1	13	1	180			2	12	14
	Elena									1	160				30	30
	Klokotnitza		2							1	100			1	13	14
	Kozletz		5					2	13	3	200				14	14
	Knijovnik			7				2	82	4	760			0.2	22	22.2
	Konush		5							1	11				10	10
	Koren							1	8	1	100				5	5
	Krivo Pole			1						1	180				21	21
	Malevo			3				2	77	1	160				22	22
	Mandra		1		1			1	40	1	160				12	12
	Momino									1	50				2	2
	Nikolovo		12							2	185			1	15	16
	Nova Nadejda			1				1	10						8	8
	Rodopi			1				1	22	1	140				6	6
	Stamboliiski									1	100				11	11
	Stoikovo									1	100				3	3
	Trakietz			1						1	200				18	18
	Uzundjovo				2			2	22	1	200				27	27
	Zornitza									2	125				2	2
	total	0	33	18	56	8	1	24	4,107	41	53,251	2	1900	135.7	388	523.7

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN HASKOVO

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net		
		drain	capping	shallow well	pipe well	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total
		No.	No.	No.	No.	No.	No.	number	total working power kWT	number	vol.-m^3	number	vol.-m^3	km	km	km
Mineralni Bani	Angel Boivoda		2					1	37	1	100			0.5	3	3.5
	Boian Botevo							1	22	1	150				7	7
	Vinevo		3							1	50				5	5
	Karamantzi		4	1				1	45	2	210				7	7
	Koletz		3							1	100				4	4
	Min.Bani		2					1	40	5	410			7	32	39
	Sirakovo		1					1	10	1	200				4	4
	Spahievo		1					1	19	2	110				10	10
	Susam		2	3				1	30	2	170			1	7	8
	Tatarevo	1						1	11	1	160				8	8
	Briastovo									1	50				6	6
	Sarnitza									1	100			0.5	6	6.5
		1	18	4	0	0	0	8	214	19	1,810	0	0	9	99	108
Stambolovo	Balkan		1							1	100				3	3
	Bial Kladenetz									1	75				3	3
	Dolno Botevo		3					2	63	2	165				9	9
	Zhalty Briag	1		2				1	13	2	280				8	8
	Zimovina		1							1	100				6	6
	Lyaskovetz		2							2	110				3	3
	Malak Izvor		3							1	100				5	5
	Popovetz		2							2	83				4	4
	Pchelary	1								2	110				4	4
	Svetoslav		3					1	22	2	125				6	6
	Stambolovo									1	100				23	23
	Tankovo	1						1	75	1	140				16	16
	Tzareva Poliana									1	100				14	14
	total	3	15	2	0	0	0	5	173	19	1,588	0	0	0	104	104

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN HASKOVO

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net		
		drain	capping	shallow well	pipe well	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total
		No.	No.	No.	No.	No.	No.	number	total working power kWT	number	vol.-m^3	number	vol.-m^3	km	km	km
Harmanly	Biser			3				1	37	1	240				20.16	20.16
	Boliarski Izvor									1	100				7	7
	Branitza									1	220				7.50	7.50
	Balgaran				4			1	228	3	370				16	16
	Varbovo									1	160				12	12
	Dositeevo									1	220				13.30	13.30
	Dripchevo									1	160				7.20	7.20
	Ivanovo		1	3				1	37	1	220			1	18	19
	Izvorovo	5								3	345				22.60	22.60
	Nadejden									1	160				4.14	4.14
	Ovcharovo							1	40	2	270				17.40	17.40
	Oreshetz									1	220				17	17
	Ostar Kamak									1	50				13.20	13.20
	Polianovo									1	140				14.13	14.13
	Rogozinovo									1	160				10	10
	Slavianovo			6				1	55	1	160			0.3	10.5	10.8
	Smirnentzi									1	100				9.30	9.30
	Harmanly				15			2	210	4	4,900			3	44	47
	Cherepovo									1	200				8.30	8.30
	Cherna mogila		2	2				1	80	1	180				9.15	9.15
	Shishmanovo									1	160				9.40	9.40
	total	5	3	14	19	0	0	8	687	29	8,735	0	0	4.3	290.28	294.58

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN HASKOVO

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net		
		drain	capping	shallow well	pipe well	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total
		No.	No.	No.	No.	No.	No.	number	total working power kWT	number	vol.-m^3	number	vol.-m^3	km	km	km
Simeonovgrag	Drianovo									1	160				7.80	7.80
	Konstantinovo			1	1			1	38	1	120				22	22
	Simeonovgrag				8			1	240	5	3,230			11	82	93
	Navasen									1	350				10	10
	Svirkovo									1	260			pVC - 6	14.50	20
	Troian	1		1				1	11	1	120			0.04	10.5	10.54
	Tianevo									1	100			12	12	
	total	1	0	2	9	0	0	3	289	11	4,340	0	0	23.04	158.8	163.34
														pVC - 6		
Lyubimetz	Lyubimetz			1	5			2	167	2	3,350			4	45	49
	Belitza			3				1	30	1	240				15	15
	Vaskovo									1	280				6	6
	Georgi Dobrevo									1	240				20	20
	Dabovetz									1	150			3	3	
	Ierusalimovo									1	160				10	10
	Lozen			1				1	6	1	140				11	11
	Malko Gradishte			3	1			1	10	1	180				19	19
	Oriahovo							1	118	2	300				14	14
	total	0	0	8	6	0	0	6	331	11	5,040	0	0	7	143	144
Svilengrad	Svilengrad			2	10			1	283	3	4,000			3	63	66
	Derv.Mogila							1	75	2	85				3	3
	Dimitrovche		3							1	180				7	7
	Kapitan Andreevo			3	3			1	48	1	350				22	22
	Kostur									1	120				8	8
	Levka									1	300				15	15
	Matochina		1		1			1	13	1	100				7	7
	Mezek		1		1			1	13	2	175				9	9
	Mihalich							1	22						19	19

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN HASKOVO

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net		
		drain	capping	shallow well	pipe well	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total
		No.	No.	No.	No.	No.	No.	number	total working power kWT	number	vol.-m^3	number	vol.-m^3	km	km	km
Svilengrad	Mladinovo							1	30	2	315				14	14
	Momkovo			2				1	176	2	1,240			2	19	21
	Mustrak									1	160				17	17
	Pashovo		1							1	50				3	3
	Pastrogor							1	75	1	200				11	11
	Raikova Mogila									1	300				16	16
	Siva reka				3			1	9	1	160				9	9
	Sladun		2							1	160				10	10
	Studena	1	1					2	26	4	480			5	22	27
	Cherno dab									1	120				13	13
	Shtit		2							1	160				21	21
	total	1	11	7	18	0	0	12	769	28	8,655	0	0	10	308	318

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN STARA ZAGORA

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net		
		drain.	capping	shallow	pipe w	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total
		No.	No.	No.	No.	No.	No.	number	total working power kWT	No.	vol.-m^3	No.	vol.-m^3	km	km	km
Bratia Daskalovi	v.Bratia Daskalovi			3	2			2	18	1	200			1	17	18
	v.Veren	1		5				4	37	1	200			1	22	23
	v.Goliam Dol									1	200				13	13
	v.Gorno Belevo	1		2				1	13	1	160				11	11
	v.Gorno Novo Selo					1				1	120				5	5
	v.Granit			1				1	13	1	350				18	18
	v.Dolno Novo Selo	1	1					1	13	3	190			2	2	4
	v.Kolio Marinovo	2		1				2	23	5	345			5	5	10
	v.Malko Drianovo	1						1	13	2	130				3	3
	v.Markovo														6	6
	v.Medovo	4												6	8	14
	v.Mirovo														17	17
	v.Naidenovo	1												5	1	6
	v.Opalchenetz														15	15
	v.Orizovo		1					1	82	1	1,000				26	26
	v.Partizan	1								1	160				17	17
	v.Plodovitovo									1	350				14	14
	v.Pravoslav	3		1	1			3	42	3	365				16	16
	v.Pastrovo	2			1			1	2	1	30				2	2
	v.Slavianin	2								1	50				1	1
	v.Saedinenie	4								1	100			1	9	10
	v.Sarnevetz	5						1	10	3	195			4	2	6
	v.Cherna Gora														25	25
		28	2	13	4	1		18	266	28	4,145			25	255	280
Galabovo	v.Galabovo									3	5,700			4	59	63
	v.Aprilovo									1	200				9	9
	v.Velikovo							1	32	1	150	1	100			
	v.Glavan			5				1	30	3	425			1	29	30
	v.Iskritza									1	160				10	10
	v.Mednikarovo				1			2	98	2	640				15	15

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN STARA ZAGORA

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net		
		drain.	capping	shallow	pipe w	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total
		No.	No.	No.	No.	No.	No.	number	total working power kWT	No.	vol.-m^3	No.	vol.-m^3	km	km	km
Galabovo	v.Musachevo									1	300				3	3
	v.Madretz			2				6	44	2	185				13	13
	v.Obruchishte									1	340			1	19	20
	v.Pomoshnik									1	180				13	13
				7	1			10	204	16	8,280	1	100	6	170	176
Opan	v.Opan			3	1			2	19			1	150		12	12
	v.Bashtino				1			2	20	1	25	1	150			
	v.Bial izvor			1				1	26	1	160			1	8	9
	v.Bialo pole	1		1				2	17	1	50	1	100	6	16	22
	v.Venetz											1	50			
	v.Pastren			1	3			5	55	1	50	1	100		20	20
	v.Kniajevsko													3	7	10
	v.Sredetz														9	9
	v.Stoletovo											1	100			
	v.Trakia	1						1	7	2	165			1	12	13
		2	6	5				13	144	6	450	6	650	11	99	110
Radnevo	Radnevo							1	75	1	100	1	500	8	35	43
	v.Balgarene									1	300				6	6
	v.Bozduganovo			1				1	13			1	100	1	12	13
	v.Gledachevo				1			1	4	1	50				7	7
	v.Daskal Atanasovo											1	150		9	9
	v.Zemlen				13			14	196	1	240	1	75		6	6
	v.Kovach	1						1	22			1	200		4	4
	v.Kovachevo	1										1	200	7	16	23
	v.Kolarovo			1				1	22			1	250		11	11
	v.Lubenovo							1	22	1	200				13	13
	v.Matza	2						2	15	2	70			1	6	7
	v.Polski Gradets	4			1			2	8	3	260			4	11	15
	v.Svoboden											1	100		10	10
	v.Troianovo									1	500			1	19	20
		8		2	15			24	377	11	1,720	8	1,575			

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN STARA ZAGORA

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net		
		drain.	capping	shallow	pipe w	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total
		No.	No.	No.	No.	No.	No.	number	total working power kWT	No.	vol.-m^3	No.	vol.-m^3	km	km	km
Stara Zagora	Stara Zagora	2		6	3			69	3,782	26	52,400			135	221	374
	v.Arnautito		1		3			4	28	2	145			1	7	8
	v.Benkovski											1	75		5	5
	v.Bogomilovo		2		1			1	10	2	200			6	11	17
	v.Borilovo		2					1	17	4	315			2	10	12
	v.Bratia Kunchevi		1		4			5	59	2	240			1	17	18
	v.Badeshte			1	2			3	45			1	250	1	12	13
	v.Vodenicharovo									1	100			1	6	7
	v.Gorno Botevo		2	6	1			9	51	1	280	2	350	2	10	12
	v.Dalboki		4		6			9	203	6	655			8	28	36
	v.Elenino		1							1	120				11	11
	v.Elhovo		2					1	22	3	160				7	7
	v.Zagore							4	29	1	100				11	11
	v.Zmeiovo		1					1	13	3	270			3	6	9
	v.Kazanka	2	1							1	70			6	5	11
	v.Kaloianovetz		1	1				1	8	1	200			1	17	18
	v.Kirilovo		2		2			2	50	3	380			6	12	18
	v.Kozarevetz			2				1	22	1	200				15	15
	v.Kolena		1							1	80			1	5	7
	v.Lovetz				3			5	20			1	150		6	6
	v.Luliak		2					1	13	2	60				4	4
	v.Liaskovo		1		1			1	17	1	150			6	2	8
	v.Malka Vereia		1		2			5	46	3	150			1	6	7
	v.Mihailovo			2	2			5	38	1	200				16	16
	v.Novo Selo		1							1	10			1	3	5
	v.Oriahovitza		3		1			1	13	3	215				12	12
	v.Ostra Mogila	1	3					1	30	3	260			1	5	6
	v.Podslon									1	200				8	8
	v.Preslaven			1				1	13	1	25	1	150	2	7	9
	v.Priaporetz		3							1	15			1	2	3
	v.Rakitnitza		1					1	13	2	190			1	12	13

TABLE F.3 DETAILS OF WATER SUPPLY SYSTEM IN STARA ZAGORA

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net		
		drain.	capping	shallow	pipe w	river catch.	dam catch.			underground		water tower		steel pipes	asbestos cement pipes	Total
		No.	No.	No.	No.	No.	No.	number	total working power kWT	No.	vol.-m^3	No.	vol.-m^3	km	km	km
Stara Zagora	v.Ruda		3		1			2	15	3	150			2	7	9
	v.Rumania		1		1			1	22	1	50			1	3	6
	v.Samuilovo			1	1			1	10	1	60				11	11
	v.Sladak Kladenetz		3		1			2	19	2	150				8	8
	v.Stamovo			1	14			7	124	1	200				11	11
	St.Min. bani		2					2	97	7	2,000			4	19	23
	v.Streletz				2			1	8			1	100		5	5
	v.Sulitza		2		1			1	13	3	115			2	5	7
	v.Hristianovo		1					1	6	1	145			3	7	10
	v.Hrishteni		3							1	200			6	7	13
		5	51	21	52	0	0	150	4,856	98	60,460	7	1,075	205	582	809
Chirpan	Chirpan		1	6	8			15	679	5	8,350			17	88	106
	v.Vinarovo		1					1	7	3	575			9	10	21
	v.Gita		1					1	6						28	28
	v.Dimitrievo			1				1	10	2	180			2	9	11
	v.Darjaba									1	140				10	10
	v.Zlatna Livada		1		2			3	175	2	550				7	7
	v.Izvorovo		2		1			2	16	2	200			5	5	10
	v.Malko Tranovo		2					1	4	2	250			3	17	20
	v.Mogilovo		3		1			2	11	3	215			8	7	15
	v.Oslarka			1	1			2	13	1	50				4	4
	v.Rupkite		2		3			4	40	3	540			3	19	22
	v.Svoboda		1					1	22	2	205			5	20	25
	v.Spasovo		3					1	7	3	225			7	15	24
	v.Sredno Gradishte		3							2	200			5	9	14
	v.Stoian Zaimovo		1							1	30				1	1
	v.Iavorovo			1	2			3	94	1	200				13	13
	v.Iazdach									1	120				8	8
		0	21	9	18	0	0	37	1,084	34	12,030	0		64	270	339

TABLE F.3 DETAILS OF WATER SYSTEM IN NOVA ZAGORA

Municipality	Settlement	Type and number of water sources						Pumping stations		Reservoirs				Water supply net			Potable Water Treatment Plant
		drain.	cappin	shallo w well	pipe well	river catch.	dam . catch.			underground		water tower		steel pipes	asbestos cement pipes	Total	
		No.	No.	No.	No.	No.	No.	number	total working power kWT	No.	total vol.-m^3	number	vol.-m^3	km	km	km	l/s
Nova Zagora	Nova Zagora			9	1			2		1							
	Bania		2		1			2		5							
	Nauchen		3		1			1		1							
	Sadiisko pole		3							1							
	Korten		4							3							
	Tzenino		1							2							
	Kamenovo				1			2				1					
	Koniovo				3			2				1					
	Sadievo		3		1			1		1							
	Asenovetz		3					1		1							
	Karanovo		2		1			1		1							
	Kriva krusha		1		1			1		1							
	Ezero				1			2		1							
	Stoil boevoda				1			1									
	Sabrano			2	2			2									
	Lubenetz											1					
	Diadovo				3			3		3							
	Radevo		2					1		2							
	Sokol		1							1							
	Padarevo				5			1		3							
	Omarchevo		1					1									
	Pitovo				3			2		1							
	Elenovo		3	2	1			1		1							
	Prohorovo		1							1							
	Novoseletz		1							1		1					
	total	0	31	13	26	0	0	27	0	31	0	4	0	0	0	0	0