Table WRP9: Normal year final planning supply-demand components

ROW Ref.	DERIVATION	DESCRIPTION	UNITS	Scenario Year 2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35
BASIC RESOURCES NORMAL YEAR																															
3_N	Input	Outage Allowance	Ml/d	369.18																											
5_N	Input	Water Available For Use (own sources)	Ml/d	342.19																											
RAW WATER NORMAL YEAR																															
6_N	Input	Raw Water Abstracted	Ml/d																												
7_N	Input	Raw Water Exported (existing)	Ml/d	0.00																											
8_N	Input	Raw Water Imported (existing)	Ml/d	0.00																											
9_N	Input	Raw Water Losses and Operational Use	Ml/d	3.00																											
10_N	Input	Non Potable Supplies (existing)	Ml/d	16.00																											
POTABLE WATER TO POINT OF DELIVERY NORMAL YEAR																															
11_N	Input	Treatment Works Losses and Operational Use	Ml/d	3.30																											
12_N	Input	Potable Water Exported	Ml/d	11.37																											
13_N	Input	Potable Water Imported	Ml/d	1.15																											
14_N	Input	Distribution Input	Ml/d	296.70																											
15_N	Input	Distribution Losses	Ml/d	40.70																											
16_N	Input	Distribution System Operational Use	Ml/d	1.77																											
17_N	14_N-15_N-16_N	Water Delivered	Ml/d	254.23																											
POTABLE WATER DELIVERED NORMAL YEAR																															
32_N	Input	Water Taken Unbilled	Ml/d	1.08	1.16	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08
33_N	Input	Water Delivered Unmeasured Household	Ml/d	137.28	133.85	131.22	130.83	127.06	121.39	116.18	111.80	107.34	103.16	98.94	95.13	91.09	87.14	83.29	77.05	73.36	69.98	66.66	63.56	61.46	59.46	57.41	55.41	53.55	51.59	49.57	47.59	45.72
34_N	Input	Unmeasured Household - USPL	Ml/d	8.85	7.53	7.51	7.33	6.63	6.00	5.50	5.16	4.78	4.36	3.77	3.50	3.28	3.03	2.80	2.61	2.48	2.34	2.24	2.12	2.04	1.93	1.82	1.72	1.64	1.53	1.46	1.40	1.32
35_N	33_N-34_N	Unmeasured Household - Consumption	Ml/d	128.43	126.32	123.71	123.49	120.43	115.39	110.67	106.64	102.56	98.80	95.17	91.62	87.82	84.11	80.49	74.45	70.88	67.64	64.42	61.43	59.41	57.52	55.58	53.69	51.91	50.06	48.10	46.19	44.40
36_N	Input	Unmeasured Household - PCC	l/h/d	160.64	157.56	158.00	161.43	161.80	160.69	159.59	158.48	157.69	156.94	156.25	155.55	154.24	152.89	151.52	149.87	148.17	146.85	145.29	143.66	143.08	142.68	142.02	141.33	140.84	140.09	138.90	137.64	136.58
37_N	Input	Water Delivered Measured Household	Ml/d	34.78	35.84	38.93	44.84	48.93	54.65	60.13	64.99	70.05	74.75	79.14	83.73	88.10	92.31	96.47	102.95	107.00	111.00	114.89	118.47	121.20	123.90	126.57	129.33	132.17	134.84	137.56	140.24	142.96
38_N	Input	Measured Household - USPL	Ml/d	2.77	2.55	2.91	3.22	3.36	3.53	3.70	3.86	3.97	3.97	3.76	3.81	3.88	3.89	3.89	4.12	4.23	4.31	4.44	4.52	4.62	4.64	4.64	4.64	4.68	4.64	4.69	4.75	4.76
39_N	37_N-38_N	Measured Household - Consumption	Ml/d	32.02	33.29	36.02	41.61	45.57	51.13	56.43	61.13	66.08	70.77	75.38	79.92	84.22	88.42	92.58	98.83	102.77	106.69	110.44	113.95	116.58	119.26	121.92	124.70	127.49	130.20	132.87	135.50	138.20
40_N	Input	Measured Household - PCC	l/h/d	129.80	125.48	124.56	133.14	133.70	136.48	138.71	140.52	142.08	143.40	144.53	145.52	146.10	146.57	147.01	147.11	147.28	147.55	147.66	147.74	147.34	147.08	146.85	146.81	146.85	146.78	146.72	146.65	146.70
41_N	Input	Water Delivered Unmeasured Non Household	Ml/d	4.28	3.97	3.57	3.16	3.14	2.89	2.64	2.39	2.15	1.90	1.65	1.40	1.16	0.92	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.67	0.67	0.67	0.67	0.67	0.67	0.67
42_N	Input	Unmeasured Non Household - USPL	Ml/d	0.19	0.15	0.14	0.13	0.11	0.10	0.09	0.08	0.06	0.05	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
43_N	41_N-42_N	Unmeasured Non Household - Consumption	Ml/d	4.09	3.82	3.42	3.03	3.03	2.79	2.55	2.32	2.08	1.84	1.61	1.37	1.13	0.89	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
44_N	Input	Water Delivered Measured Non Household	Ml/d	65.89	64.27	60.96	59.43	56.49	53.52	51.73	50.54	49.76	49.39	49.21	49.16	49.20	49.31	49.75	50.01	50.22	50.47	50.68	50.94	51.20	51.40	51.66	51.87	52.13	52.34	52.61	52.88	53.09
45_N	Input	Measured Non Household - USPL	Ml/d	0.69	0.65	0.69	0.71	0.67	0.64	0.62	0.62	0.60	0.57	0.52	0.50	0.49	0.48	0.46	0.46	0.46	0.45	0.44	0.44	0.44	0.43	0.42	0.41	0.40	0.39	0.38	0.38	0.37
46_N	44_N-45_N	Measured Non Household - Consumption	Ml/d	65.20	63.62	60.28	58.72	55.82	52.88	51.11	49.92	49.16	48.82	48.70	48.66	48.71	48.84	49.29	49.55	49.76	50.02	50.24	50.50	50.76	50.97	51.25	51.46	51.73	51.95	52.22	52.50	52.71
47_N	Input	Void Properties - USPL	Ml/d	0.30	0.32	0.33	0.33	0.31	0.30	0.29	0.28	0.27	0.25	0.23	0.22	0.21	0.20	0.19	0.19	0.19	0.19	0.18	0.18	0.18	0.18	0.17	0.17	0.17	0.16	0.16	0.16	0.15
LEAKAGE NORMAL YEAR																															
48_N	Input	Total Leakage	Ml/d	53.49	52.87	52.67	53.48	52.21	51.40	50.17	49.37	48.99	47.88	46.04	45.37	44.83	44.12	43.44	43.44	43.29	43.03	43.05	42.86	42.84	42.52	42.20	41.86	41.58	41.08	40.93	40.86	40.64
49_N	Input	Total Leakage	l/pr/d	107.29	106.62	105.31	106.02	102.70	100.25	97.04	94.71	92.82	89.62	85.16	82.92	80.98	78.78	76.61	75.75	74.64	73.38	72.61	71.60	70.89	69.69	68.52	67.34	66.27	64.89	64.08	63.39	62.48
SUPPLY DEMAND BALANCE NORMAL YEAR																															
50_N	5_N+(8_N+13_N)-(7_N+12_N)-10_N	Total Water Available For Use	Ml/d	315.97																											
51_N	Input	Available Headroom	Ml/d	16.97																											
52_N	Input	Target Headroom	Ml/d	8.60																											
53_N	51_N-52_N	Supply Demand Balance	Ml/d	8.37																											

Company: Bristol Water

Resource Zone Name Company Supply Area

Resource Zone Number: 1 of 1

Planning Scenario Name: Company Core Strategy

Chosen Level of Service: 1 in 15