Water Resources Planning Guideline supply-demand workbook - Version 2.8

Instructions for completing these tables is contained within chapters 13 - 22 of the Water Resources Planning Guideline
The Guideline and tables are available on the Environment Agency website at www.environment-agency.gov.uk/business/sectors/39687.aspx
All queries on the content of this workbook should be sent to water-company-plans@ea.gov.uk

Yellow shaded cells are calculated cells. Do not input data to these cells.

Blue shaded cells represent the base-year data (**Scenario Year 2006-07**)

Shaded cells do not require any input

Shaded cells require input where data is available

Resource Zone and sign off information:

Please enter the information below to identify this workbook. This will be copied through to all work sheets.

Company:	Thames Water
Resource Zone Name	SWA
Resource Zone Number:	5 of 6
Planning Scenario Name:	Dry Year Critical Period
Chosen Level of Service:	Company Preferred Level of Service

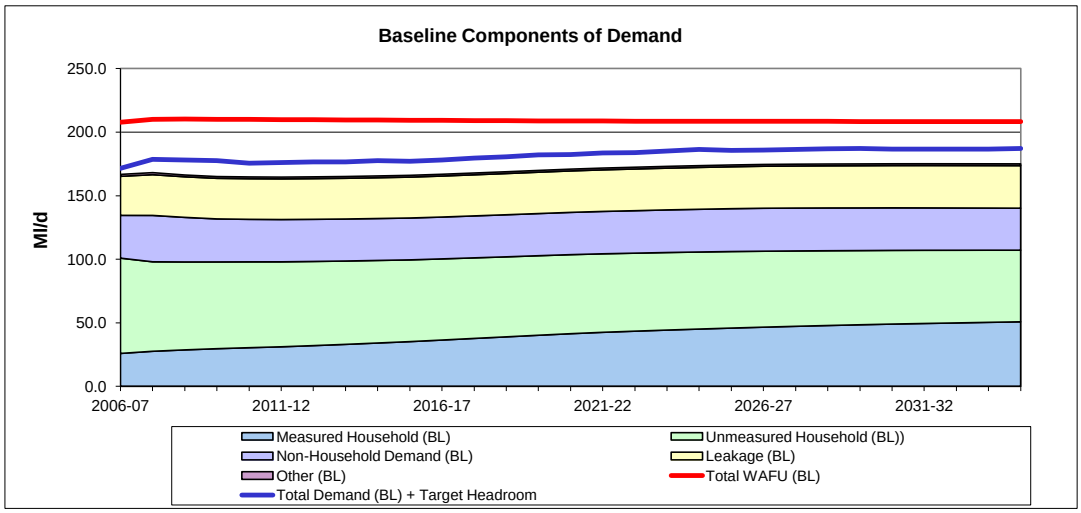
Responsible Officer: David Spiller **Signed:** _____ **Dated:** 05/12/2011

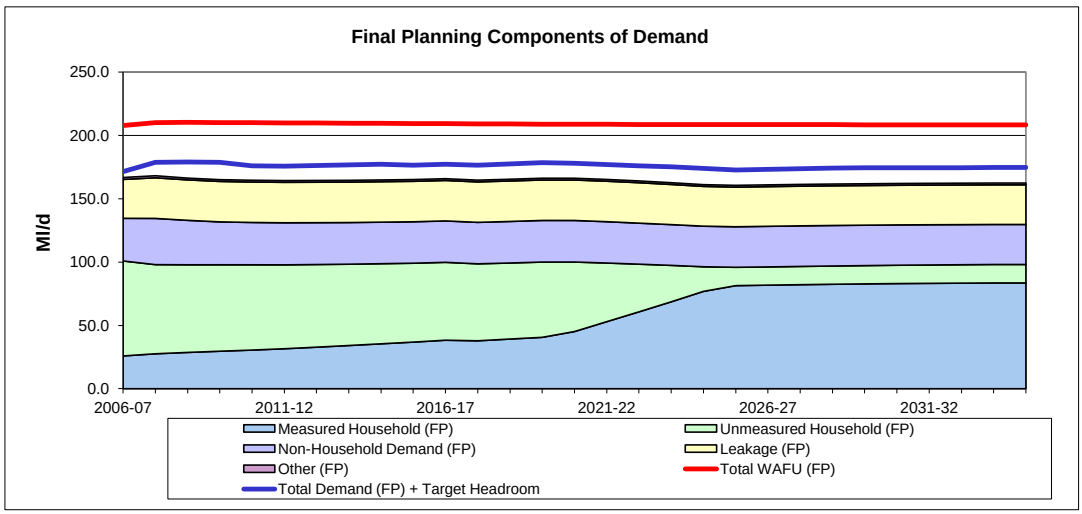
Version: **Draft Final WRMP**

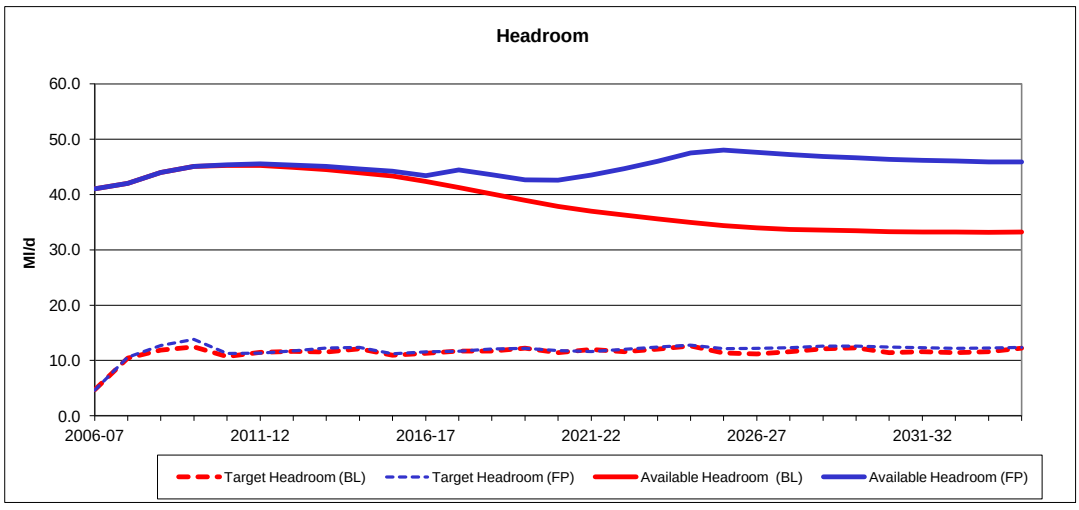
* delete as appropriate

Workbook contents

Summary graphs of WRP tables input data







Company:	**Thames Water**
Resource Zone Name	**SWA**
Resource Zone Number:	**5 of 6**
Planning Scenario Name:	**Dry Year Critical Period**
Chosen Level of Service:	**Company Preferred Level of Service**

Table WRP1-BL: Baseline 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 BASELINE																															
1_{BL}	Input	Deployable Output (Specify individual Source Yields on Table WRP5	Ml/d	221.00	223.41	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61
2_{BL}	WRP1a-BL $2a_{BL}$	Reductions in Deployable Output	Ml/d	5.20	5.20	5.33	5.46	5.58	5.71	5.84	5.97	6.09	6.22	6.35	6.48	6.60	6.73	6.81	6.84	6.88	6.92	6.95	6.99	7.02	7.06	7.09	7.13	7.17	7.20	7.24	7.27	7.31
3_{BL}	Input	Outage Allowance	Ml/d	3.00	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06
4_{BL}	$9_{BL}+11_{BL}$	Process Losses	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5_{BL}	1_{BL}-(2_{BL}+3_{BL}+4_{BL})	Water Available For Use (own sources)	Ml/d	212.80	215.15	215.22	215.09	214.96	214.84	214.71	214.58	214.45	214.33	214.20	214.07	213.94	213.82	213.74	213.70	213.67	213.63	213.60	213.56	213.52	213.49	213.45	213.42	213.38	213.35	213.31	213.27	213.24
RAW WATER BASELINE																															
6_{BL}	Input	Raw Water Abstracted	Ml/d	172.01	181.48	179.52	178.24	177.93	177.79	178.00	178.28	178.75	179.24	180.13	181.17	182.20	183.29	184.36	185.24	185.94	186.65	187.24	187.80	188.22	188.45	188.58	188.67	188.79	188.81	188.79	188.76	188.71
7_{BL}	WRP1a-BL $7a_{BL}$	Raw Water Exported (existing)	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8_{BL}	WRP1a-BL $8a_{BL}$	Raw Water Imported (existing)	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9_{BL}	Input	Raw Water Losses and Operational Use	Ml/d	0.02	0.83	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.83	0.83	0.84	0.84	0.85	0.85	0.85	0.86	0.86	0.86	0.86	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
10_{BL}	WRP1a-BL $10a_{BL}$	Non Potable Supplies (existing)	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
POTABLE WATER TO POINT OF DELIVERY BASELINE																															
11_{BL}	Input	Treatment Works Losses and Operational Use	Ml/d	0.22	7.50	7.42	7.37	7.35	7.35	7.36	7.37	7.39	7.41	7.45	7.49	7.53	7.58	7.62	7.66	7.69	7.72	7.74	7.76	7.78	7.79	7.80	7.80	7.80	7.80	7.80	7.80	7.80
12_{BL}	WRP1a-BL $12a_{BL}$	Potable Water Exported	Ml/d	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
13_{BL}	WRP1a-BL $13a_{BL}$	Potable Water Imported	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14_{BL}	Input	Distribution Input	Ml/d	166.76	168.15	166.28	165.05	164.75	164.63	164.82	165.09	165.54	166.01	166.86	167.85	168.83	169.87	170.90	171.74	172.40	173.07	173.64	174.17	174.58	174.79	174.92	175.00	175.12	175.14	175.12	175.09	175.05
15_{BL}	Input	Distribution Losses	Ml/d	21.98	22.96	22.84	22.83	22.88	22.86	22.84	22.84	22.84	22.86	22.90	22.95	23.00	23.05	23.17	23.36	23.55	23.72	23.89	23.98	24.00	24.01	24.02	24.03	24.04	24.04	24.05	24.05	24.06
16_{BL}	Input	Distribution System Operational Use	Ml/d	0.34	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
17_{BL}	14_{BL}-15_{BL}-16_{BL}	Water Delivered	Ml/d	144.43	144.91	143.17	141.95	141.60	141.49	141.70	141.98	142.43	142.87	143.68	144.62	145.55	146.55	147.46	148.10	148.58	149.08	149.48	149.92	150.31	150.51	150.63	150.70	150.81	150.82	150.80	150.77	150.72
POTABLE WATER CUSTOMER USE BASELINE																															
18_{BL}	Input	Unmeasured Household - Population	000's	317.601	309.413	305.645	302.567	300.302	298.025	295.929	293.421	291.117	288.540	286.627	284.483	282.213	280.190	278.111	275.820	273.326	271.091	268.690	266.143	263.299	260.431	257.462	254.613	252.119	249.523	246.882	244.217	241.493
19_{BL}	Input	Unmeasured Household - Properties	000's	120.694	117.554	116.029	114.624	113.340	112.177	111.014	109.851	108.688	107.525	106.362	105.199	104.036	102.873	101.710	100.547	99.384	98.221	97.058	95.895	94.732	93.569	92.406	91.243	90.080	88.917	87.754	86.591	85.428
20_{BL}	18_{BL}/19_{BL}	Unmeasured Household - Occupancy Rate	h/pr	2.63	2.63	2.63	2.64	2.65	2.66	2.67	2.67	2.68	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.78	2.78	2.79	2.79	2.80	2.81	2.81	2.82	2.83
21_{BL}	WRP6-6.1_{BL}	Measured Household - Population	000's	126.921	140.989	146.336	151.237	155.483	159.371	164.291	169.647	175.552	181.627	188.803	196.003	203.119	210.400	217.633	224.108	229.656	235.231	240.506	245.881	251.173	256.348	261.548	266.679	271.802	276.552	281.239	286.148	291.117
22_{BL}	WRP6-6.2_{BL}	Measured Household - Properties	000's	60.188	63.631	66.425	69.186	71.504	73.675	76.252	79.122	82.189	85.414	88.942	92.552	96.176	99.804	103.438	106.826	109.902	112.910	115.863	118.793	121.637	124.411	127.257	130.037	132.660	135.174	137.689	140.279	142.894
23_{BL}	21_{BL}/22_{BL}	Measured Household - Occupancy Rate	h/pr	2.11	2.22	2.20	2.19	2.17	2.16	2.15	2.14	2.14	2.13	2.12	2.12	2.11	2.11	2.10	2.10	2.09	2.08	2.08	2.07	2.06	2.06	2.06	2.05	2.05	2.05	2.04	2.04	2.04
24_{BL}	Input	Unmeasured Non Household - Population	000's	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25_{BL}	Input	Unmeasured Non Household - Properties	000's	0.400	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495
26_{BL}	Input	Measured Non Household - Population	000's	20.843	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194
27_{BL}	Input	Measured Non Household - Properties	000's	10.870	11.138	11.280	11.422	11.565	11.707	11.849	11.991	12.134	12.276	12.418	12.560	12.703	12.845	12.987	13.129	13.271	13.414	13.556	13.698	13.840	13.983	14.125	14.267	14.409	14.551	14.694	14.836	14.978
28_{BL}	18_{BL}+21_{BL}+24_{BL}+26_{BL}	Total Population	000's	465.365	472.596	474.175	475.997	477.979	479.590	482.414	485.262	488.862	492.362	497.625	502.681	507.526	512.785	517.938	522.122	525.176	528.516	531.391	534.218	536.666	538.973	541.204	543.487	546.115	548.269	550.315	552.560	554.804
29_{BL}	Input	Void Households	000's	2.934	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375
30_{BL}	Input	Void Non Households	000's	1.486	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409
30.1$_{BL}$	22_{BL}/(22_{BL}+19_{BL})	Total Household Metering penetration (excl. voids)	%	33%	35%	36%	38%	39%	40%	41%	42%	43%	44%	46%	47%	48%	49%	50%	52%	53%	53%	54%	55%	56%	57%	58%	59%	60%	60%	61%	62%	63%
30.2$_{BL}$	22_{BL}/(22_{BL}+19_{BL}+29_{BL})	Total Household Metering penetration (incl. voids)	%	33%	34%	36%	37%	38%	39%	40%	41%	42%	44%	45%	46%	47%	48%	50%	51%	52%	53%	54%	54%	55%	56%	57%	58%	59%	59%	60%	61%	62%
31_{BL}	19_{BL}+22_{BL}+25_{BL}+27_{BL}+29_{BL}+30_{BL}	Total Properties	000's	196.572	197.602	199.013	200.512	201.687	202.838	204.394	206.243	208.290	210.494	213.001	215.591	218.194	220.801	223.414	225.782	227.836	229.824	231.756	233.666	235.489	237.241	239.067	240.826	242.429	243.922	245.416	246.985	248.579
POTABLE WATER DELIVERED BASELINE																															
32_{BL}	Input	Water Taken Unbilled	Ml/d	1.42	1.62	1.40	1.40	1.40	1.41	1.41	1.41	1.41	1.41	1.42	1.42	1.42	1.42	1.42	1.42	1.41	1.41	1.41	1.41	1.41	1.41	1.42	1.42	1.42	1.42	1.43	1.43	1.43
33_{BL}	Input	Water Delivered Unmeasured Household	Ml/d	81.94	77.49	76.25	75.26	74.48	73.77	73.14	72.46	71.83	71.17	70.65	70.16	69.68	69.26	68.80	68.26	67.71	67.21	66.69	66.21	65.73	65.24	64.73	64.24	63.83	63.40	62.95	62.51	62.05
34_{BL}	Input	Unmeasured Household - USPL	Ml/d	6.96	7.09	7.06	7.00	6.94	6.92	6.90	6.88	6.86	6.83	6.79	6.75	6.72	6.68	6.59	6.46	6.32	6.19	6.06	5.98	5.95	5.92	5.89	5.86	5.83	5.80	5.77	5.73	5.70
35_{BL}	33_{BL}-34_{BL}	Unmeasured Household - Consumption	Ml/d	74.98	70.40	69.19	68.26	67.54	66.85	66.25	65.58	64.97	64.34	63.86	63.41	62.96	62.58	62.20	61.80	61.39	61.02	60.64	60.23	59.78	59.32	58.83	58.38	58.00	57.59	57.19	56.77	56.35
36_{BL}	(35_{BL}*1000000)/(18_{BL}*1000)	Unmeasured Household - PCC	l/h/d	236.07	227.53	226.36	225.60	224.91	224.32	223.86	223.51	223.19	222.99	222.78	222.90	223.10	223.35	223.66	224.07	224.59	225.11	225.67	226.32	227.03	227.76	228.52	229.29	230.04	230.82	231.63	232.47	233.34
37_{BL}	Input	Water Delivered Measured Household	Ml/d	27.01	28.86	29.97	30.97	31.79	32.55	33.53	34.58	35.72	36.86	38.18	39.53	40.86	42.18	43.47	44.58	45.53	46.43	47.25	48.07	48.86	49.60	50.30	50.95	51.56	52.10	52.61	53.13	53.63
38_{BL}	Input	Measured Household - USPL	Ml/d	1.13	1.28	1.30	1.36	1.40	1.45	1.51	1.57	1.64	1.70	1.77	1.85	1.92	2.00	2.06	2.10	2.13	2.17	2.20	2.25	2.31	2.38	2.45	2.52	2.59	2.65	2.72	2.79	2.86
39_{BL}	37_{BL}-38_{BL}	Measured Household - Consumption	Ml/d	25.88	27.58	28.67	29.61	30.39	31.10	32.02	33.01	34.08	35.16	36.41	37.68	38.93	40.18	41.41	42.48	43.40	44.27	45.06	45.82	46.54	47.21	47.85	48.43	48.97	49.45	49.89	50.34	50.77
40_{BL}	(39_{BL}*1000000)/(21_{BL}*1000)	Measured Household - PCC	l/h/d	203.90	195.63	195.91	195.78	195.47	195.16	194.88	194.59	194.12	193.58	192.83	192.26	191.68	190.99	190.25	189.57	188.97	188.19	187.34	186.37	185.30	184.18	182.95	181.62	180.18	178.80	177.40	175.91	174.40
40.1$_{BL}$	$_{BL}$+39_{BL})*1000000)/((18_{BL}+21_{BL})*1	Average Household - PCC	l/h/d	226.89	217.54	216.50	215.66	214.86	214.16	213.52	212.91	212.25	211.63	210.89	210.40	209.95	209.47	209.00	208.60	208.33	207.95	207.56	207.13	206.66	206.14	205.55	204.90	204.17	203.47	202.75	201.96	201.12
41_{BL}	Input	Water Delivered Unmeasured Non Household	Ml/d	0.39	0.47	0.48	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.48	0.48	0.48	0.48	0.49	0.49	0.49	0.49	0.49	0.49
42_{BL}	Input	Unmeasured Non Household - USPL	Ml/d	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
43_{BL}	41_{BL}-42_{BL}	Unmeasured Non Household - Consumption	Ml/d	0.36	0.44	0.45	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
44_{BL}	Input	Water Delivered Measured Non Household	Ml/d	33.68	36.47	35.07	33.83	33.44	33.27	33.14	33.04	32.98	32.93	32.95	33.02	33.11	33.20	33.28	33.35	33.43	33.54	33.64	33.74	33.82	33.78	33.70	33.60	33.51	33.41	33.32	33.22	33.12
45_{BL}	Input	Measured Non Household - USPL	Ml/d	0.38	0.42	0.42	0.43	0.43	0.43	0.44	0.45	0.45	0.46	0.46	0.47	0.47	0.48	0.48	0.48	0.47	0.47	0.47	0.47	0.48	0.48	0.49	0.49	0.50	0.51	0.51	0.52	0.52
46_{BL}	44_{BL}-45_{BL}	Measured Non Household - Consumption	Ml/d	33.30	36.05	34.65	33.41	33.01	32.84	32.70	32.59	32.52	32.48	32.48	32.55	32.64	32.73	32.81	32.87	32.96	33.06	33.17	33.27	33.35	33.30	33.22	33.11	33.01	32.91	32.81	32.70	32.60
47_{BL}	Input	Void Properties - USPL	Ml/d	0.25	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.30	0.30	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.32	0.32
LEAKAGE BASELINE																															
48_{BL}	15_{BL}+34_{BL}+38_{BL}+42_{BL}+45_{BL}+47_{BL}	Total Leakage	Ml/d	30.73	32.07	31.95	31.94	31.97	31.99	32.01	32.06	32.12	32.19	32.27	32.36	32.45	32.54	32.64	32.73	32.81	32.88	32.94	33.01	33.07	33.13	33.19	33.25	33.30	33.35	33.40	33.44	33.49
49_{BL}	(48_{BL}*1000000)/(31_{BL}*1000)	Total Leakage	l/pr/d	156.32	162.31	160.52	159.29	158.52	157.70	156.63	155.46	154.22	152.93	151.49	150.10	148.73	147.39	146.09	144.98	144.02	143.06	142.15	141.26	140.43	139.64	138.81	138.05	137.37	136.73	136.08	135.40	134.73
SUPPLY DEMAND BALANCE BASELINE																															
50_{BL}	5_{BL}+(8_{BL}+13_{BL})-(7_{BL}+12_{BL})-10_{BL}	Total Water Available For Use	Ml/d	207.80	210.15	210.22	210.09	209.96	209.84	209.71	209.58	209.45	209.33	209.20	209.07	208.94	208.82	208.74	208.70	208.67	208.63	208.60	208.56	208.52	208.49	208.45	208.42	208.38	208.35	208.31	208.27	208.24
51_{BL}	Input	Available Headroom	Ml/d	41.04	42.00	43.94	45.04	45.21	45.21	44.89	44.49	43.91	43.31	42.34	41.22	40.11	38.94	37.84	36.97	36.27	35.56	34.95	34.39	33.95	33.70	33.53	33.41	33.26	33.21	33.19	33.18	33.19
52_{BL}	Input	Target Headroom	Ml/d	4.70	10.43	11.87	12.47	10.70	11.48	11.67	11.55	12.08	10.95	11.28	11.71	11.72	12.21	11.41	11.97	11.58	12.07	12.64	11.38	11.20	11.57	12.10	12.26	11.41	11.61	11.42	11.57	12.21
53_{BL}	51_{BL}-52_{BL}	Supply Demand Balance	Ml/d	36.34	31.57	32.07	32.57	34.51	33.73	33.22	32.94	31.82	32.36	31.06	29.51	28.39	26.73	26.43	24.99	24.69	23.49	22.31	23.01	22.75	22.13	21.43	21.15	21.85	21.60	21.77	21.61	20.99

Company:	**Thames Water**
Resource Zone Name	**SWA**
Resource Zone Number:	**5 of 6**
Planning Scenario Name:	**Dry Year Critical Period**
Chosen Level of Service:	**Company Preferred Level of Service**

Table WRP1a-BL: Baseline WRP1 supporting transfer and DO reductions data

ROW Ref.	DERIVATION	DESCRIPTION *[Insert /delete non-numbered lines to suit]*	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
$2a_{BL}$	Input as appropriate	Reductions in Baseline Deployable Output: Total here and specify below	Ml/d	5.20	5.20	5.33	5.46	5.58	5.71	5.84	5.97	6.09	6.22	6.35	6.48	6.60	6.73	6.81	6.84	6.88	6.92	6.95	6.99	7.02	7.06	7.09	7.13	7.17	7.20	7.24	7.27	7.31
		Climate change	Ml/d	0.00	0.00	0.13	0.26	0.38	0.51	0.64	0.77	0.89	1.02	1.15	1.28	1.40	1.53	1.61	1.64	1.68	1.72	1.75	1.79	1.82	1.86	1.89	1.93	1.97	2.00	2.04	2.07	2.11
		Sustainability Reduction	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Network Constraints	Ml/d	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20
			Ml/d																													
			Ml/d																													
$7a_{BL}$	Input as appropriate	Baseline Raw Water Exported (existing). Total here and specify below	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		to	Ml/d																													
		to	Ml/d																													
		to	Ml/d																													
$8a_{BL}$	Input as appropriate	Baseline Raw Water Imported (existing). Total here and specify below	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		from	Ml/d																													
		from	Ml/d																													
		from	Ml/d																													
$10a_{BL}$	Input as appropriate	Baseline Non Potable Supplies (existing). Total here and specify below	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		to	Ml/d																													
		to	Ml/d																													
		to	Ml/d																													
$12a_{BL}$	Input as appropriate	Baseline Potable Water Exported. Total here and specify below	Ml/d	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
		to N Oxon., from SWA - Ashendon to Horspath	Ml/d	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
		to S Oxf from SWA - Radnage to Bedlow Ridge	Ml/d	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
		to S Oxf.from SWA - Stokenchurch to Chinnor	Ml/d	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40
		Baseline Potable Water Imported. Total here and specify below	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			Ml/d																													
$13a_{BL}$	Input as appropriate	Baseline Potable Water Imported. Total here and specify below	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			Ml/d																													

Company:	**Thames Water**
Resource Zone Name	**SWA**
Resource Zone Number:	**5 of 6**
Planning Scenario Name:	**Dry Year Critical Period**
Chosen Level of Service:	**Company Preferred Level of Service**

Table WRP2: Feasible list of water management options

			WATER MANAGEMENT OPTION COST AND SOLUTION - TO BE COMPLETED FOR ALL FEASIBLE OPTIONS										
ROW Ref.	DERIVATION	OPTION DESCRIPTION *[Insert / delete non-numbered lines to suit]*	OPTION REFERENCE No.	WAFU ON FULL IMPLEMENTATION (Ml/d)	EARLIEST POTENTIAL OPTION START DATE (YEAR)	NPV of WAFU (Ml)	CAPEX NPV (£000)	OPEX NPV (£000)	NPV of OPEX SAVINGS (£000)	SOCIAL & ENV. NPV (£000)	TOTAL NPV (£000)	AIC (p/M^3)	AISC (p/M^3)
54	Input as appropriate	Customer Side Management, Specify Below....											
		Change of Occupier (Compulsory Current Powers)		11.77	2010/11	56562.82	23694.11	5231.86	-2066.12	755.37	29681.34	47.49	48.82
		Targetted compulsory metering (New Powers)		11.77	2010/11	56562.82	16418.96	4359.88	-2066.12	755.37	21534.21	33.08	34.42
		Enhanced water efficiency		10.71	2010/11	38511.57	0.00	57562.69	-1177.98	294.26	57856.95	146.41	147.17
		Optant Metering (Included in Baseline)		0.33	2010/11	1818.03	10707.61	1255.65	-57.47	755.37	12718.63	654.87	696.42
55	Input as appropriate	Distribution Side Management, Specify Below....											
56	Input as appropriate	Production Side Management, Specify Below....											
57	Input as appropriate	Resource Management, Specify Below....											
		Marlow East Licence Increase	PR09 SWA 01	9.3	2012	73203.56	8095.00	8127.98	0.00	645.40	16868.38	22.16	23.04
		Henley South East Groundwater Resource Development	PR09 SWA 02	15	2013	118070.26	19686.46	7481.02	0.00	809.06	27976.54	23.01	23.69
		Slough South Pump Replacement	PR09 SWA 03	3.5	2011	27549.73	3724.39	3034.24	0.00	127.52	6886.15	24.53	25.00
		Shalbourne (Option B) Ground Water Resource Developmen	PR09 SWA 04	15	2013	118070.26	20603.79	8138.76	0.00	1043.81	29786.36	24.34	25.23
		Berkhamstead West Groundwater Resource Development	PR09 SWA 05	1.69	2010	13302.58	870.25	2566.28	0.00	126.49	3563.01	25.83	26.78
		High Wycombe Groundwater Resource Development	PR09 SWA 06	5.93	2013	46677.11	11092.28	4431.68	0.00	629.17	16153.13	33.26	34.61
		ASR - Wendover	PR09 SWA 07	7.5	2015	59035.13	16348.25	5195.09	0.00	668.32	22211.67	36.49	37.62
		Maidenhead East Licence Increase	PR09 SWA 08	5.1	2013	40143.89	12326.71	4269.94	0.00	873.75	17470.40	41.34	43.52
		Reservoir - Abingdon 150Mm3 (3 zones SWA)	PR09 SWA 09	32.5	2021	255818.90	195602.10	31644.46	0.00	-4594.19	222652.36	88.83	87.04
		Datchet NC Opt1	PR09 SWA 10	5.2	2012	40931.02	16334.68	0.00	0.00	198.07	16532.76	39.91	40.39
		Datchet NC Opt2	PR09 SWA 11	5.2	2012	40931.02	1376.69	0.00	0.00	213.86	1590.55	3.36	3.89
		Datchet NC Opt3	PR09 SWA 12	5.2	2012	40931.02	2054.04	0.00	0.00	155.26	2209.29	5.02	5.40

Company: Thames Water

Resource Zone Name SWA

Resource Zone Number: 5 of 6

Planning Scenario Name: Dry Year Critical Period

Chosen Level of Service: Company Preferred Level of Service

Table WRP3: Preferred list of water management options

				PLANNED GAINS IN WAFU OR SAVINGS IN DEMAND (Ml/d) - TO BE COMPLETED FOR ALL PREFERRED OPTIONS (WAFU gains for each year are individual year gains and not cumulative gains)																												
ROW Ref.	DERIVATION	OPTION DESCRIPTION *[Insert / delete non-numbered lines to suit]*	OPTION REFERENCE No.	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
58	Input as appropriate	Customer Side Management, Specify Below....																													
		Targetted compulsory metering and sophisticated tariffs		0.00	0.00	0.00	0.00	0.14	0.11	0.09	0.10	0.10	0.10	0.10	2.03	0.16	0.16	0.79	1.56	1.59	1.60	1.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Enhanced water efficiency		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.19	0.19	0.19	0.04	0.04	0.04	0.04	0.04	0.01	0.25	0.25	0.25	0.25	0.06
		Optant metering (Included in Baseline)		0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Change of Occupier (Compulsory Current Powers)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	Input as appropriate	Distribution Side Management, Specify Below....																													
		ALC		0.00	0.00	0.00	0.00	0.03	0.02	0.06	0.07	0.12	0.14	0.20	0.23	0.29	0.32	0.22	0.10	0.05	0.10	0.05	0.23	0.12	0.29	0.17	0.35	0.23	0.40	0.27	0.45	0.32
		CSL savings from compulsory metering programme		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.32	0.31	0.31	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	Input as appropriate	Production Side Management, Specify Below....																													
61	Input as appropriate	Resource Management, Specify Below....																													
SUMMARY of WAFU GAINS																															
62	Sum of 58	Total customer side management gains		0.00	0.00	0.00	0.00	0.16	0.13	0.11	0.12	0.12	0.11	0.11	2.05	0.18	0.17	1.00	1.77	1.80	1.80	1.78	0.04	0.04	0.04	0.04	0.01	0.25	0.25	0.25	0.25	0.06
63	Sum of 59	Total distribution side management gains		0.00	0.00	0.00	0.00	0.03	0.02	0.06	0.07	0.12	0.14	0.20	0.23	0.29	0.32	0.39	0.42	0.37	0.41	0.36	0.23	0.12	0.29	0.17	0.35	0.23	0.40	0.27	0.45	0.32
64	Sum of 60	Total production side management gains		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	Sum of 61	Total resource management gains		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Company: Thames Water

Resource Zone Name SWA

Resource Zone Number: 5 of 6

Planning Scenario Name: Dry Year Critical Period

Chosen Level of Service: Company Preferred Level of Service

Table WRP4-FP: 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 FINAL PLANNING																																
1_{FP}	Input	Deployable Output	Ml/d	221.00	223.41	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61	223.61
2_{FP}	WRP4a-FP $2a_{FP}$	Reductions in Deployable Output	Ml/d	5.20	5.20	5.33	5.46	5.58	5.71	5.84	5.97	6.09	6.22	6.35	6.48	6.60	6.73	6.81	6.84	6.88	6.92	6.95	6.99	7.02	7.06	7.09	7.13	7.17	7.20	7.24	7.27	7.31
3_{FP}	Input	Outage Allowance	Ml/d	3.00	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06
4_{FP}	$9_{FP}+11_{FP}$	Process Losses	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5_{FP}	1_{FP}-(2_{FP}+3_{FP}+4_{FP})	Water Available For Use (own sources)	Ml/d	212.80	215.15	215.22	215.09	214.96	214.84	214.71	214.58	214.45	214.33	214.20	214.07	213.94	213.82	213.74	213.70	213.67	213.63	213.63	213.60	213.56	213.52	213.49	213.45	213.42	213.38	213.35	213.31	213.27	213.24
RAW WATER FINAL PLANNING																																
6_{FP}	Input	Raw Water Abstracted	Ml/d	172.01	181.48	179.52	178.23	177.76	177.49	177.57	177.70	178.00	178.32	179.03	177.84	178.60	179.43	179.41	178.42	177.17	175.73	174.12	173.54	173.93	174.30	174.61	174.84	175.06	175.21	175.32	175.44	167.58
7_{FP}	WRP4a-FP $7a_{FP}$	Raw Water Exported	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8_{FP}	WRP4a-FP $8a_{FP}$	Raw Water Imported	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9_{FP}	Input	Raw Water Losses and Operational Use	Ml/d	0.02	0.83	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.81	0.81	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.81	0.81	0.77
10_{FP}	WRP4a- FP $10a_{FP}$	Non Potable Supplies	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
POTABLE WATER TO POINT OF DELIVERY FINAL PLANNING																																
11_{FP}	Input	Treatment Works Losses and Operational Use	Ml/d	0.22	7.50	7.42	7.37	7.35	7.34	7.34	7.35	7.36	7.37	7.40	7.35	7.38	7.42	7.42	7.38	7.32	7.26	7.20	7.17	7.19	7.21	7.22	7.23	7.24	7.24	7.25	7.25	6.93
12_{FP}	WRP4a-FP $12a_{FP}$	Potable Water Exported	Ml/d	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
13_{FP}	WRP4a-FP $13a_{FP}$	Potable Water Imported	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14_{FP}	Input	Distribution Input	Ml/d	166.76	168.15	166.28	165.05	164.59	164.34	164.42	164.54	164.83	165.13	165.81	164.67	165.40	166.19	166.17	165.22	164.04	162.66	161.12	160.57	160.95	161.30	161.59	161.81	162.02	162.16	162.27	162.38	162.38
15_{FP}	Input	Distribution Losses	Ml/d	21.98	22.96	22.84	22.84	22.89	22.89	22.89	22.89	22.89	22.89	22.89	22.89	22.89	22.89	22.89	22.90	22.89	22.71	22.51	22.44	22.44	22.44	22.44	22.44	22.44	22.44	22.44	22.44	22.44
16_{FP}	Input	Distribution System Operational Use	Ml/d	0.34	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
17_{FP}	14_{FP}-15_{FP}-16_{FP}	Water Delivered	Ml/d	144.43	144.91	143.17	141.94	141.43	141.18	141.26	141.38	141.67	141.97	142.65	141.51	142.24	143.03	143.01	142.05	140.87	139.67	138.34	137.86	138.24	138.59	138.88	139.10	139.31	139.45	139.56	139.67	139.67
POTABLE WATER CUSTOMER USE FINAL PLANNING																																
18_{FP}	Input	Unmeasured Household - Population	000's	317.601	309.413	305.645	302.566	299.476	295.554	291.851	287.823	284.075	280.179	277.005	273.647	270.245	267.157	246.744	208.170	168.834	128.797	86.162	64.007	63.834	63.666	63.471	63.303	63.222	63.115	62.996	62.881	62.881
19_{FP}	Input	Unmeasured Household - Properties	000's	120.694	117.554	116.029	114.624	112.971	111.071	109.195	107.367	105.588	103.881	102.223	100.589	99.003	97.466	89.145	74.014	58.909	43.857	28.858	21.372	21.372	21.372	21.372	21.372	21.372	21.372	21.372	21.372	21.372
20_{FP}	18_{FP}/19_{FP}	Unmeasured Household - Occupancy Rate	h/pr	2.63	2.63	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.77	2.81	2.87	2.94	2.99	2.99	2.99	2.98	2.97	2.96	2.96	2.95	2.95	2.94	2.94
21_{FP}	WRP6a-6.1_{FP}	Measured Household - Population	000's	126.921	140.989	146.336	151.237	156.309	161.843	168.369	175.245	182.593	189.989	198.426	206.839	215.087	223.433	249.000	291.757	334.147	377.525	423.034	448.017	450.637	453.113	455.539	457.989	460.698	462.960	465.125	467.484	469.848
22_{FP}	WRP6a-6.2_{FP}	Measured Household - Properties	000's	60.188	63.631	66.425	69.186	71.873	74.782	78.071	81.606	85.289	89.058	93.081	97.163	101.209	105.211	116.003	133.360	150.377	167.274	184.064	193.317	194.998	196.608	198.292	199.909	201.369	202.720	204.072	205.499	206.951
23_{FP}	21_{FP}/22_{FP}	Measured Household - Occupancy Rate	h/pr	2.11	2.22	2.20	2.19	2.17	2.16	2.16	2.15	2.14	2.13	2.13	2.13	2.13	2.12	2.15	2.19	2.22	2.26	2.30	2.32	2.31	2.30	2.30	2.29	2.29	2.28	2.28	2.27	2.27
24_{FP}	Input	Unmeasured Non Household - Population	000's	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25_{FP}	Input	Unmeasured Non Household - Properties	000's	0.400	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495	0.495
26_{FP}	Input	Measured Non Household - Population	000's	20.843	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194	22.194
27_{FP}	Input	Measured Non Household - Properties	000's	10.870	11.138	11.280	11.422	11.565	11.707	11.849	11.991	12.134	12.276	12.418	12.560	12.703	12.845	12.987	13.129	13.271	13.414	13.556	13.698	13.840	13.983	14.125	14.267	14.409	14.551	14.694	14.836	14.836
28_{FP}	18_{FP}+21_{FP}+24_{FP}+26_{FP}	Total Population	000's	465.365	472.596	474.175	475.997	477.979	479.590	482.414	485.262	488.862	492.362	497.625	502.681	507.526	512.785	517.938	522.122	525.176	528.516	531.391	534.218	536.666	538.973	541.204	543.487	546.115	548.269	550.315	552.560	554.924
29_{FP}	Input	Void Households	000's	2.934	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375	3.375
30_{FP}	Input	Void Non Households	000's	1.486	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409	1.409
30.1_{FP}	22_{FP}/(22_{FP}+19_{FP})	Total Household Metering penetration (excl. voids)	%	33%	35%	36%	38%	39%	40%	42%	43%	45%	46%	48%	49%	51%	52%	57%	64%	72%	79%	86%	90%	90%	90%	90%	90%	90%	90%	91%	91%	91%
30.2_{FP}	22_{FP}/(22_{FP}+19_{FP}+29_{FP})	Total Household Metering penetration (incl. voids)	%	33%	34%	36%	37%	38%	40%	41%	42%	44%	45%	47%	48%	50%	51%	56%	63%	71%	78%	85%	89%	89%	89%	89%	89%	89%	89%	89%	89%	89%
31_{FP}	19_{FP}+22_{FP}+25_{FP}+27_{FP}+29_{FP}+30_{FP}	Total Properties	000's	196.572	197.602	199.014	200.512	201.687	202.838	204.394	206.243	208.290	210.494	213.001	215.591	218.194	220.801	223.414	225.782	227.836	229.824	231.756	233.666	235.489	237.241	239.067	240.826	242.429	243.922	245.416	246.985	248.437
POTABLE WATER DELIVERED FINAL PLANNING																																
32_{FP}	Input	Water Taken Unbilled	Ml/d	1.42	1.62	1.40	1.40	1.40	1.40	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.43	1.45	1.48	1.52	1.56	1.59	1.58	1.58	1.58	1.58	1.57	1.57	1.57	1.57	1.57
33_{FP}	Input	Water Delivered Unmeasured Household	Ml/d	81.94	77.49	76.25	75.26	74.21	73.06	71.99	70.88	69.83	68.79	67.92	67.10	66.30	65.59	60.75	51.59	42.22	32.50	22.15	16.62	16.49	16.49	16.49	16.50	16.53	16.56	16.58	16.61	16.61
34_{FP}	Input	Unmeasured Household - USPL	Ml/d	6.96	7.09	7.06	7.00	6.90	6.83	6.75	6.67	6.59	6.51	6.43	6.35	6.26	6.18	5.88	5.29	4.59	3.74	2.72	2.12	2.11	2.10	2.09	2.08	2.07	2.06	2.05	2.05	2.05
35_{FP}	33_{FP}-34_{FP}	Unmeasured Household - Consumption	Ml/d	74.98	70.40	69.19	68.26	67.31	66.23	65.24	64.20	63.24	62.28	61.49	60.75	60.03	59.41	54.86	46.30	37.62	28.77	19.43	14.50	14.38	14.39	14.41	14.43	14.46	14.50	14.53	14.56	14.56
36_{FP}	(35_{FP}*1000000)/(18_{FP}*1000)	Unmeasured Household - PCC	l/h/d	236.07	227.53	226.36	225.60	224.77	224.10	223.55	223.07	222.62	222.29	221.97	222.00	222.14	222.36	222.35	222.41	222.84	223.35	225.56	226.57	225.21	226.07	226.96	227.87	228.77	229.69	230.64	231.61	231.61
37_{FP}	Input	Water Delivered Measured Household	Ml/d	27.01	28.86	29.97	30.97	31.94	33.04	34.36	35.73	37.16	38.58	40.15	39.77	41.23	42.66	47.50	55.80	64.17	72.77	81.85	86.87	87.29	87.66	88.02	88.32	88.57	88.77	88.93	89.10	89.10
38_{FP}	Input	Measured Household - USPL	Ml/d	1.13	1.28	1.31	1.36	1.41	1.48	1.55	1.62	1.69	1.77	1.84	1.92	2.00	2.08	2.34	2.86	3.46	4.15	4.99	5.49	5.51	5.52	5.53	5.54	5.56	5.57	5.58	5.59	5.59
39_{FP}	37_{FP}-38_{FP}	Measured Household - Consumption	Ml/d	25.88	27.58	28.67	29.61	30.52	31.57	32.81	34.11	35.47	36.81	38.31	37.85	39.23	40.59	45.15	52.94	60.71	68.62	76.86	81.38	81.78	82.15	82.48	82.77	83.02	83.20	83.36	83.51	83.51
40_{FP}	(39_{FP}*1000000)/(21_{FP}*1000)	Measured Household - PCC	l/h/d	203.90	195.63	195.91	195.77	195.28	195.04	194.89	194.66	194.25	193.77	193.05	182.98	182.38	181.66	181.34	181.46	181.69	181.77	181.69	181.63	181.48	181.29	181.07	180.73	180.20	179.71	179.22	178.65	177.75
40.1_{FP}	(35_{FP}+39_{FP})*1000000)/((18_{FP}+21_{FP})*100	Average Household - PCC	l/h/d	226.89	217.54	216.50	215.66	214.66	213.82	213.06	212.32	211.52	210.76	209.90	205.20	204.52	203.82	201.75	198.51	195.50	192.35	189.11	187.25	186.90	186.81	186.68	186.46	186.06	185.71	185.35	184.93	184.10
41_{FP}	Input	Water Delivered Unmeasured Non Household	Ml/d	0.39	0.47	0.48	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
42_{FP}	Input	Unmeasured Non Household - USPL	Ml/d	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
43_{FP}	41_{FP}-42_{FP}	Unmeasured Non Household - Consumption	Ml/d	0.36	0.44	0.45	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.45	0.45	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
44_{FP}	Input	Water Delivered Measured Non Household	Ml/d	33.68	36.47	35.07	33.82	33.39	33.18	33.01	32.87	32.77	32.70	32.68	32.74	32.81	32.87	32.85	32.71	32.52	32.39	32.30	32.30	32.40	32.36	32.30	32.22	32.14	32.07	31.99	31.90	31.90
45_{FP}	Input	Measured Non Household - USPL	Ml/d	0.38	0.42	0.42	0.43	0.43	0.43	0.44	0.44	0.45	0.45	0.45	0.46	0.46	0.47	0.49	0.53	0.58	0.64	0.71	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
46_{FP}	44_{FP}-45_{FP}	Measured Non Household - Consumption	Ml/d	33.30	36.05	34.65	33.39	32.96	32.75	32.57	32.43	32.33	32.25	32.22	32.28	32.35	32.41	32.37	32.18	31.94	31.75	31.59	31.55	31.65	31.62	31.56	31.47	31.40	31.32	31.24	31.15	31.15
47_{FP}	Input	Void Properties - USPL	Ml/d	0.25	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.32	0.34	0.37	0.41	0.45	0.47	0.47	0.47	0.47	0.47	0.46	0.46	0.46	0.46	0.46
LEAKAGE FINAL PLANNING																																
48_{FP}	15_{FP}+34_{FP}+38_{FP}+42_{FP}+45_{FP}+47_{FP}	Total Leakage	Ml/d	30.73	32.07	31.95	31.95	31.95	31.95	31.95	31.95	31.95	31.95	31.95	31.95	31.95	31.95	31.95	31.96	31.93	31.69	31.41	31.32	31.32	31.32	31.32	31.32	31.32	31.32	31.32	31.32	31.32
49_{FP}	(48_{FP}*1000000)/(31_{FP}*1000)	Total Leakage	l/pr/d	156.32	162.31	160.52	159.32	158.40	157.50	156.30	154.90	153.37	151.77	149.98	148.18	146.41	144.68	142.99	141.56	140.15	137.88	135.54	134.05	133.01	132.03	131.02	130.06	129.20	128.41	127.63	126.82	126.08
SUPPLY DEMAND BALANCE FINAL PLANNING																																
50_{FP}	5_{FP}+(8_{FP}+13_{FP})-(7_{FP}+12_{FP})-10_{FP}	Total Water Available For Use	Ml/d	207.80	210.15	210.22	210.09	209.96	209.84	209.71	209.58	209.45	209.33	209.20	209.07	208.94	208.82	208.74	208.70	208.67	208.63	208.60	208.56	208.52	208.49	208.45	208.42	208.38	208.35	208.31	208.27	208.24
51_{FP}	Input	Available Headroom	Ml/d	41.04	42.00	43.94	45.04	45.37	45.50	45.29	45.04	44.63	44.19	43.39	44.40	43.54	42.63	42.57	43.48	44.63	45.98	47.47	47.99	47.58	47.19	46.86	46.60	46.36	46.18	46.04	45.89	45.86
52_{FP}	Input	Target Headroom	Ml/d	4.61	10.60	12.71	13.80	11.25	11.35	11.75	12.25	12.37	11.24	11.54	11.67	12.08	12.19	11.78	11.64	12.02	12.44	12.78	12.13	12.20	12.30	12.61	12.61	12.42	12.32	12.21	12.25	12.36
53_{FP}	51_{FP}-52_{FP}	Supply Demand Balance	Ml/d	36.42	31.40	31.23	31.24	34.12	34.15	33.55	32.79	32.25	32.95	31.85	32.73	31.47	30.43	30.78	31.84	32.61	33.54	34.69	35.86	35.38	34.89	34.25	33.99	33.94	33.86	33.82	33.64	33.50

Company: Thames Water

Resource Zone Name SWA

Resource Zone Number: 5 of 6

Planning Scenario Name: Dry Year Critical Period

Chosen Level of Service: Company Preferred Level of Service

Table WRP4a-FP: Final planning WRP4a supporting transfer and DO reduction data

ROW Ref.	DERIVATION	DESCRIPTION *[Insert / delete non-numbered lines to suit]*	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
$2a_{FP}$	Input as appropriate	Reductions in Final Planning Deployable Output. Total here and specify below	Ml/d	5.20	5.20	5.33	5.46	5.58	5.71	5.84	5.97	6.09	6.22	6.35	6.48	6.60	6.73	6.81	6.84	6.88	6.92	6.95	6.99	7.02	7.06	7.09	7.13	7.17	7.20	7.24	7.27	7.31
		Climate change	Ml/d	0.00	0.00	0.13	0.26	0.38	0.51	0.64	0.77	0.89	1.02	1.15	1.28	1.40	1.53	1.61	1.64	1.68	1.72	1.75	1.79	1.82	1.86	1.89	1.93	1.97	2.00	2.04	2.07	2.11
		Sustainability Reduction	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Network Constraints	Ml/d	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20
			Ml/d																													
			Ml/d																													
$7a_{FP}$	Input as appropriate	Final Planning Raw Water Exported. Total here and specify below	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		to	Ml/d																													
		to	Ml/d																													
		to	Ml/d																													
$8a_{FP}$	Input as appropriate	Final Planning Raw Water Imported. Total here and specify below	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		from	Ml/d																													
		from	Ml/d																													
		from	Ml/d																													
$10a_{FP}$	Input as appropriate	Final Planning Non Potable Supplies. Total here and specify below	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		to	Ml/d																													
		to	Ml/d																													
		to	Ml/d																													
$12a_{FP}$	Input as appropriate	Final Planning Potable Water Exported. Total here and specify below	Ml/d	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
		to N Oxon., from SWA - Ashendon to Horspath	Ml/d	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
		to S Oxf from SWA - Radnage to Bedlow Ridge	Ml/d	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
		to S Oxf,from SWA - Stokenchurch to Chinnor	Ml/d	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40
		Baseline Potable Water Imported. Total here and specify below	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			Ml/d																													
$13a_{FP}$	Input as appropriate	Final Planning Potable Water Imported. Total here and specify below	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			Ml/d																													
		Thames Water																														
		SWA																														
		5 of 6																														

Company: Thames Water

Resource Zone Name SWA

Resource Zone Number: 5 of 6

Planning Scenario Name: Dry Year Critical Period

Chosen Level of Service: Company Preferred Level of Service

Table WRP5: Baseline resource zone deployable output reconciliation

Row Ref	Derivation	Licence number	Source name	Source type (GW/SW/Res/Conj. use)	Dry year deployable output (Ml/d)	Critical period deployable output (Ml/d)	Annual licenced quantity (Ml/d)	Constraint	Length of record assessed (Years)	Critical event (Year)
5.1	Input	28/39/27/0003	Datchet	GW		18.40	22.73	P	1995-2007	
5.2	Input	28/39/27/0097	Dorney	GW		26.11	27.28	B	1976-2006	
5.3	Input	28/39/26/0109	Taplow	GW		49.90	50.01	T	1971-2002	
5.4	Input	28/39/27/0092	Eton	GW		8.70	8.73	T	1995-2007	
5.5	Input	28/39/23/0007	Bourne End	GW		21.70	22.73	L	1985-2006	
5.6	Input	28/39/23/0110	Medmenham	GW		55.00	55.00	L	1985-1997	
5.7	Input	28/39/25/0044	Mill End (Licence revoked) * (emergency only)	GW		0.00	18.18	L	1955-2006	
5.8	Input	28/39/25/0055	Mill End *	GW		0.00	18.18			
5.9	Input	28/39/25/0051	Radnage	GW		2.00	2.27	P	1992-1994	1997 RWL, 1992
5.10	Input	28/39/25/0042	Pann Mill	GW		16.80	22.73	B / Q	1970-2004	1970 RWL, 2004
5.11	Input	28/39/23/0067	Marlow	GW		9.10	9.09	L	1995-2008	
5.12	Input	28/39/19/0104	Dancers End	GW		1.30	1.64	L	1995-2007	
5.13	Input	28/39/28/0238	Hawridge*	GW		7.40	9.09	P	1971-2008	2006 RWL & PW
5.14	Input	28/39/28/0238	Hampden*	GW		7.00	7.00	T / L	1953-2006	1992 RWL & PW
5.15	Input	28/39/28/0238	Wendover* (Disused)	GW		0.00	7.00	Disused	1995-1997	
5.16	Input	28/39/28/0603	New Ground * (Emergency)	GW		0.00	8.18	L	1995-2006	
5.17	Input									
5.18	Input		* Licenced volume or DO aggregated with another source							
5.19	Input		** Aggregated with the source value above it							
5.20	Input									
5.21	Input		L = Licence							
5.22	Input		Q = Quality							
5.23	Input		P = Pump Size or Depth							
5.24	Input		GWL = Low Groundwater Levels							
5.25	Input		B = Borehole depth or restriction							
5.26	Input		T = Treatment							
5.27	Input		RWL = Rest Water Level							
5.28	Input		PWL = Pumping Water Level							
5.29	Sum (5.1:6.40) Total reconciled DO				0.00	223.41	289.85			

Company:	**Thames Water**
Resource Zone Name	**SWA**
Resource Zone Number:	**5 of 6**
Planning Scenario Name:	**Dry Year Critical Period**
Chosen Level of Service:	**Company Preferred Level of Service**

Table WRP6: Baseline breakdown of measured households

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
6.1_{BL}	$6.5_{BL}+6.9_{BL}+6.13_{BL}+6.17_{BL}+6.21_{BL}+6.25_{BL}$	Total	Population	000's	126.92	140.99	146.34	151.24	155.48	159.37	164.29	169.65	175.55	181.63	188.80	196.00	203.12	210.40	217.63	224.11	229.66	235.23	240.51	245.88	251.17	256.35	261.55	266.68	271.80	276.55	281.24	286.15	291.12
6.2_{BL}	$6.6_{BL}+6.10_{BL}+6.14_{BL}+6.18_{BL}+6.22_{BL}+6.26_{BL}$	Total	Properties	000's	60.19	63.63	66.43	69.19	71.50	73.68	76.25	79.12	82.19	85.41	88.94	92.55	96.18	99.80	103.44	106.83	109.90	112.91	115.86	118.79	121.64	124.41	127.26	130.04	132.66	135.17	137.69	140.28	142.89
6.3_{BL}	$6.1_{BL}/6.2_{BL}$	Total	Occupancy	h/prop	2.11	2.22	2.20	2.19	2.17	2.16	2.15	2.14	2.14	2.13	2.12	2.12	2.11	2.11	2.10	2.10	2.09	2.08	2.08	2.07	2.06	2.06	2.06	2.05	2.05	2.05	2.04	2.04	2.04
6.5_{BL}	Input	Meter optants	Population	000's	0.00	0.00	1.87	4.03	6.00	7.77	9.55	11.30	13.05	14.79	16.55	18.29	20.02	21.77	23.50	25.21	26.89	28.59	30.49	32.57	34.65	36.73	38.79	40.85	42.97	45.06	47.21	49.38	51.08
6.6_{BL}	Input	Meter optants	Properties	000's	0.00	0.00	1.22	2.62	3.90	5.07	6.23	7.39	8.56	9.72	10.88	12.05	13.21	14.37	15.53	16.70	17.86	19.02	20.19	21.35	22.51	23.68	24.84	26.00	27.16	28.33	29.49	30.65	31.82
6.7_{BL}	$6.5_{BL}/6.6_{BL}$	Meter optants	Occupancy	h/prop	#DIV/0!	#DIV/0!	1.54	1.54	1.54	1.53	1.53	1.53	1.53	1.52	1.52	1.52	1.52	1.51	1.51	1.51	1.51	1.50	1.51	1.53	1.54	1.55	1.56	1.57	1.58	1.59	1.60	1.61	1.61
6.8_{BL}	Input	Meter optants	pcc	l/h/d	0.00	0.00	141.85	141.72	141.38	141.12	140.91	140.93	140.93	141.18	141.30	141.71	142.21	142.79	143.50	144.27	145.29	146.27	146.86	147.27	147.08	147.06	147.08	147.04	147.66	147.50	147.26	147.02	147.28
6.9_{BL}	Input	New properties	Population	000's	0.00	0.00	3.72	6.89	9.31	11.66	14.96	18.90	23.31	28.03	33.51	39.15	44.77	50.43	56.08	61.11	65.34	69.46	73.31	77.09	80.69	84.13	87.68	91.10	94.27	97.15	99.97	102.97	106.23
6.10_{BL}	Input	New properties	Properties	000's	0.00	0.00	1.58	2.94	3.97	4.98	6.39	8.10	10.00	12.06	14.43	16.88	19.34	21.80	24.27	26.50	28.41	30.26	32.05	33.81	35.49	37.10	38.79	40.41	41.87	43.22	44.57	46.00	47.45
6.11_{BL}	$6.9_{BL}/6.10_{BL}$	New properties	Occupancy	h/prop	#DIV/0!	#DIV/0!	2.36	2.35	2.35	2.34	2.34	2.33	2.33	2.32	2.32	2.32	2.32	2.31	2.31	2.31	2.30	2.30	2.29	2.28	2.27	2.27	2.26	2.25	2.25	2.25	2.24	2.24	2.24
6.12_{BL}	Input	New properties	pcc	l/h/d	0.00	0.00	144.96	144.91	143.98	142.89	141.38	139.87	138.26	136.85	135.65	135.06	134.77	134.69	134.84	135.16	135.82	136.46	136.45	137.18	137.30	137.53	137.73	137.85	137.88	137.87	137.82	138.29	138.78
6.13_{BL}	Input	Metering on change of occupancy	Population	000's	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.14_{BL}	Input	Metering on change of occupancy	Properties	000's	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.15_{BL}	$6.13_{BL}/6.14_{BL}$	Metering on change of occupancy	Occupancy	h/prop	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6.16_{BL}	Input	Metering on change of occupancy	pcc	l/h/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.17_{BL}	Input	Selective metering	Population	000's	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.18_{BL}	Input	Selective metering	Properties	000's	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.19_{BL}	$6.17_{BL}/6.18_{BL}$	Selective metering	Occupancy	h/prop	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6.20_{BL}	Input	Selective metering	pcc	l/h/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.21_{BL}	Input	Compulsory metering	Population	000's																													
6.22_{BL}	Input	Compulsory metering	Properties	000's																													
6.23_{BL}	$6.21_{BL}/6.22_{BL}$	Compulsory metering	Occupancy	h/prop	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6.24_{BL}	Input	Compulsory metering	pcc	l/h/d																													
6.25_{BL}	Input	Existing Metering	Population	000's	126.92	140.99	140.74	140.31	140.17	139.94	139.79	139.44	139.19	138.81	138.74	138.56	138.32	138.20	138.05	137.79	137.42	137.17	136.70	136.23	135.84	135.49	135.08	134.73	134.57	134.34	134.06	133.80	133.81
6.26_{BL}	Input	Existing Metering	Properties	000's	60.19	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63
6.27_{BL}	$6.25_{BL}/6.26_{BL}$	Existing Metering	Occupancy	h/prop	2.11	2.22	2.21	2.21	2.20	2.20	2.20	2.19	2.19	2.18	2.18	2.18	2.17	2.17	2.17	2.17	2.16	2.16	2.15	2.14	2.13	2.13	2.12	2.12	2.11	2.11	2.11	2.10	2.10
6.28_{BL}	Input	Existing Metering	pcc	l/h/d	0.00	144.32	144.48	144.41	144.25	144.12	144.10	144.16	144.16	144.16	143.98	143.86	143.63	143.17	142.57	141.87	141.07	139.93	139.06	137.56	136.37	134.99	133.37	131.49	129.12	126.96	124.69	121.72	118.47

Company: Thames Water

Resource Zone Name SWA

Resource Zone Number: 5 of 6

Planning Scenario Name: Dry Year Critical Period

Chosen Level of Service: Company Preferred Level of Service

Table WRP6a: Final planning breakdown of measured households

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
6.1_{FP}	$6.5_{PP}+6.9_{PP}+6.13_{PP}+6.17_{PP}+6.21_{FP}+6.25_{FP}$	Total	Population	000's	126.92	140.99	146.34	151.24	156.31	161.84	168.37	175.25	182.59	189.99	198.43	206.84	215.09	223.43	249.00	291.76	334.15	377.52	423.03	448.02	450.64	453.11	455.54	457.99	460.70	462.96	465.12	467.48	469.85
6.2_{FP}	$6.6_{PP}+6.10_{PP}+6.14_{PP}+6.18_{PP}+6.22_{FP}+6.26_{FP}$	Total	Properties	000's	60.19	63.63	66.43	69.19	71.87	74.78	78.07	81.61	85.29	89.06	93.08	97.16	101.21	105.21	116.00	133.36	150.38	167.27	184.06	193.32	195.00	196.61	198.29	199.91	201.37	202.72	204.07	205.50	206.95
6.3_{FP}	$6.1_{FP}/6.2_{FP}$	Total	Occupancy	h/prop	2.11	2.22	2.20	2.19	2.17	2.16	2.16	2.15	2.14	2.13	2.13	2.13	2.13	2.12	2.15	2.19	2.22	2.26	2.30	2.32	2.31	2.30	2.30	2.29	2.29	2.28	2.28	2.27	2.27
6.5_{FP}	Input	Meter optants	Population	000's	0.00	0.00	1.87	4.03	6.18	8.33	10.44	12.45	14.39	16.19	17.95	19.65	21.27	22.83	24.34	25.84	27.63	29.37	31.38	32.44	32.36	32.27	32.17	32.09	32.05	32.00	31.94	31.88	31.82
6.6_{FP}	Input	Meter optants	Properties	000's	0.00	0.00	1.22	2.62	4.03	5.43	6.81	8.14	9.43	10.64	11.80	12.94	14.03	15.07	16.08	17.08	18.06	18.98	19.85	20.27	20.27	20.27	20.27	20.27	20.27	20.27	20.27	20.27	20.27
6.7_{FP}	$6.5_{FP}/6.6_{FP}$	Meter optants	Occupancy	h/prop	#DIV/0!	#DIV/0!	1.54	1.54	1.54	1.53	1.53	1.53	1.53	1.52	1.52	1.52	1.52	1.51	1.51	1.51	1.53	1.55	1.58	1.60	1.60	1.59	1.59	1.58	1.58	1.58	1.58	1.57	1.57
6.8_{FP}	Input	Meter optants	pcc	l/h/d	0.00	0.00	141.85	141.72	141.24	141.02	140.85	140.88	140.86	141.08	141.16	134.43	134.80	135.22	135.69	135.99	136.05	136.13	135.67	135.77	136.10	136.54	136.96	137.29	138.22	138.38	138.52	138.64	138.77
6.9_{FP}	Input	New properties	Population	000's	0.00	0.00	3.72	6.89	9.31	11.66	14.96	18.91	23.31	28.04	33.52	39.15	44.78	50.44	56.10	61.02	65.26	69.45	73.21	76.97	80.58	84.02	87.56	90.97	94.14	97.02	99.87	102.88	105.93
6.10_{FP}	Input	New properties	Properties	000's	0.00	0.00	1.58	2.94	3.97	4.98	6.39	8.10	10.00	12.06	14.43	16.88	19.34	21.80	24.27	26.50	28.41	30.26	32.05	33.81	35.49	37.10	38.79	40.41	41.87	43.22	44.57	46.00	47.45
6.11_{FP}	$6.9_{FP}/6.10_{FP}$	New properties	Occupancy	h/prop	#DIV/0!	#DIV/0!	2.36	2.35	2.35	2.34	2.34	2.33	2.33	2.32	2.32	2.32	2.32	2.31	2.31	2.30	2.30	2.30	2.28	2.28	2.27	2.26	2.26	2.25	2.25	2.24	2.24	2.24	2.23
6.12_{FP}	Input	New properties	pcc	l/h/d	0.00	0.00	144.96	144.91	143.88	142.83	141.38	139.89	138.29	136.88	135.68	128.30	127.96	127.79	127.77	127.85	128.21	128.56	128.25	128.83	128.91	129.10	129.26	129.35	129.34	129.30	129.22	129.66	130.11
6.13_{FP}	Input	Metering on change off occupancy	Population	000's	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.14_{FP}	Input	Metering on change off occupancy	Properties	000's	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.15_{FP}	$6.13_{FP}/6.14_{FP}$	Metering on change off occupancy	Occupancy	h/prop	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6.16_{FP}	Input	Metering on change off occupancy	pcc	l/h/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.17_{FP}	Input	Selective metering	Population	000's	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.18_{FP}	Input	Selective metering	Properties	000's	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.19_{FP}	$6.17_{FP}/6.18_{FP}$	Selective metering	Occupancy	h/prop	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6.20_{FP}	Input	Selective metering	pcc	l/h/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.21_{FP}	Input	Compulsory metering	Population	000's	0.00	0.00	0.00	0.00	0.64	1.91	3.18	4.44	5.70	6.95	8.21	9.46	10.70	11.95	30.49	67.30	104.01	141.55	181.96	202.58	202.04	201.51	200.90	200.37	200.12	199.78	199.41	199.05	198.68
6.22_{FP}	Input	Compulsory metering	Properties	000's	0.00	0.00	0.00	0.00	0.25	0.74	1.24	1.73	2.23	2.72	3.22	3.71	4.21	4.71	12.02	26.15	40.28	54.40	68.53	75.60	75.60	75.60	75.60	75.60	75.60	75.60	75.60	75.60	75.60
6.23_{FP}	$6.21_{FP}/6.22_{FP}$	Compulsory metering	Occupancy	h/prop	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2.58	2.57	2.57	2.56	2.56	2.55	2.55	2.55	2.54	2.54	2.54	2.57	2.58	2.60	2.65	2.68	2.67	2.67	2.66	2.65	2.65	2.64	2.64	2.63	2.63
6.24_{FP}	Input	Compulsory metering	pcc	l/h/d	0.00	0.00	0.00	0.00	144.34	143.91	143.56	143.25	142.96	142.75	142.54	135.43	135.52	135.65	135.65	135.68	135.95	136.25	136.84	137.45	136.63	136.38	136.23	136.10	135.95	135.82	135.70	135.58	135.48
6.25_{FP}	Input	Existing Metering	Population	000's	126.92	140.99	140.74	140.31	140.17	139.94	139.79	139.45	139.20	138.81	138.75	138.58	138.33	138.21	138.08	137.59	137.25	137.16	136.49	136.02	135.66	135.31	134.90	134.55	134.39	134.16	133.91	133.67	133.42
6.26_{FP}	Input	Existing Metering	Properties	000's	60.19	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63	63.63
6.27_{FP}	$6.25_{FP}/6.26_{FP}$	Existing Metering	Occupancy	h/prop	2.11	2.22	2.21	2.21	2.20	2.20	2.20	2.19	2.19	2.18	2.18	2.18	2.17	2.17	2.17	2.16	2.16	2.16	2.15	2.14	2.13	2.13	2.12	2.11	2.11	2.11	2.10	2.10	2.10
6.28_{FP}	Input	Existing Metering	pcc	l/h/d	0.00	144.32	144.48	144.41	144.12	144.06	144.15	144.29	144.35	144.42	144.27	136.95	136.69	136.18	135.74	135.36	134.85	133.72	131.80	129.67	131.10	131.47	131.56	131.29	130.28	129.52	128.68	127.11	125.35

Company: Thames Water

Resource Zone Name SWA

Resource Zone Number: 5 of 6

Planning Scenario Name: Dry Year Critical Period

Chosen Level of Service: Company Preferred Level of Service

Table WRP7: Baseline household micro-component consumption

Row Ref	Derivation	Description *Insert additional components as required*	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
7.1	Input	Unmeasured toilet flushing	l/h/d																												
7.2	Input	Unmeasured bath use	l/h/d																												
7.3	Input	Unmeasured shower use	l/h/d																												
7.4	Input	Unmeasured hand basin	l/h/d																												
7.5	Input	Unmeasured clothes washing	l/h/d																												
7.6	Input	Unmeasured dish washing	l/h/d																												
7.7	Input	Unmeasured garden use	l/h/d																												
7.8	Input	Unmeasured car washing	l/h/d																												
7.9	Input	Unmeasured miscellaneous use	l/h/d																												
7.10	Input	Unmeasued wastage	l/h/d																												
7.11	Input	Unmeasured water efficiency	l/h/d																												
7.12	Input		l/h/d																												
7.13	Input		l/h/d																												
7.14	Input		l/h/d																												
7.15	Input		l/h/d																												
7.16	Input		l/h/d																												
7.17	Input		l/h/d																												
7.18	Input		l/h/d																												
7.19	Sum(7.1:7.18)	Unmeasured pcc	l/h/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.20	Input	Measured toilet flushing	l/h/d																												
7.21	Input	Measured bath use	l/h/d																												
7.22	Input	Measured shower use	l/h/d																												
7.23	Input	Measured hand basin	l/h/d																												
7.24	Input	Measured clothes washing	l/h/d																												
7.25	Input	Measured dish washing	l/h/d																												
7.26	Input	Measured garden use	l/h/d																												
7.27	Input	Measured car washing	l/h/d																												
7.28	Input	Measured miscellaneous use	l/h/d																												
7.29	Input	Measued wastage	l/h/d																												
7.30	Input	Measured water efficiency	l/h/d																												
7.31	Input		l/h/d																												
7.32	Input		l/h/d																												
7.33	Input		l/h/d																												
7.34	Input		l/h/d																												
7.35	Input		l/h/d																												
7.36	Input		l/h/d																												
7.37	Input		l/h/d																												
7.38	Sum(7.20:7.37)	Measured pcc	l/h/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Company: Thames Water

Resource Zone Name SWA

Resource Zone Number: 5 of 6

Planning Scenario Name: Dry Year Critical Period

Chosen Level of Service: Company Preferred Level of Service

Table WRP7a: Final planning household micro-component consumption

Row Ref	Derivation	Description *Insert additional components as required*	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
7.1	Input	Unmeasured toilet flushing	l/h/d																												
7.2	Input	Unmeasured bath use	l/h/d																												
7.3	Input	Unmeasured shower use	l/h/d																												
7.4	Input	Unmeasured hand basin	l/h/d																												
7.5	Input	Unmeasured clothes washing	l/h/d																												
7.6	Input	Unmeasured dish washing	l/h/d																												
7.7	Input	Unmeasured garden use	l/h/d																												
7.8	Input	Unmeasured car washing	l/h/d																												
7.9	Input	Unmeasured miscellaneous use	l/h/d																												
7.10	Input	Measued wastage	l/h/d																												
7.11	Input	Measured water efficiency	l/h/d																												
7.12	Input		l/h/d																												
7.13	Input		l/h/d																												
7.14	Input		l/h/d																												
7.15	Input		l/h/d																												
7.16	Input		l/h/d																												
7.17	Input		l/h/d																												
7.18	Input		l/h/d																												
7.19	Sum(7.1:7.18)	Unmeasured pcc	l/h/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.20	Input	Measured toilet flushing	l/h/d																												
7.21	Input	Measured bath use	l/h/d																												
7.22	Input	Measured shower use	l/h/d																												
7.23	Input	Measured hand basin	l/h/d																												
7.24	Input	Measured clothes washing	l/h/d																												
7.25	Input	Measured dish washing	l/h/d																												
7.26	Input	Measured garden use	l/h/d																												
7.27	Input	Measured car washing	l/h/d																												
7.28	Input	Measured miscellaneous use	l/h/d																												
7.29	Input	Measued wastage	l/h/d																												
7.30	Input	Measured water efficiency	l/h/d																												
7.31	Input		l/h/d																												
7.32	Input		l/h/d																												
7.33	Input		l/h/d																												
7.34	Input		l/h/d																												
7.35	Input		l/h/d																												
7.36	Input		l/h/d																												
7.37	Input		l/h/d																												
7.38	Sum(7.20:7.37)	Measured pcc	l/h/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Company: Thames Water

Resource Zone Name SWA

Resource Zone Number: 5 of 6

Planning Scenario Name: Dry Year Critical Period

Chosen Level of Service: Company Preferred Level of Service

Table WRP8: Baseline non-household sector consumption

Row Ref	Derivation	Description	2007 SIC codes	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
8.1	Input	Agriculture, horticulture, forestry and fishing	A1, A2, A3	Ml/d																											
8.2	Input	Extraction of metals, minerals and energy producing materials	B5, B6, B7, B8, B9	Ml/d																											
8.3	Input	Food and drink (manufacture)	C10, C11, C12	Ml/d																											
8.4	Input	Textile, fur and leather (manufacture)	C13, C14, C15	Ml/d																											
8.5	Input	Other manufacturing	C16, C26, C27, C31, C32, C33	Ml/d																											
8.6	Input	Paper (manufacture)	C17, C18	Ml/d																											
8.7	Input	Fuel refining	C19	Ml/d																											
8.8	Input	Chemicals, rubbers, plastics and man-made material (manufacture)	C20, C21, C22	Ml/d																											
8.9	Input	Manufacture of non-metallic minerals	C23	Ml/d																											
8.10	Input	Manufacture of basic metals, fabricated metal products and	C24, C25, C28, C29	Ml/d																											
8.11	Input	Transportation and manufacture of transport equipment	C30, H49, H50, H51, H52, H53	Ml/d																											
8.12	Input	Electricity, gas and water supplies	D35, E36, E37, E38, E39	Ml/d																											
8.13	Input	Construction	F41, F42, F43	Ml/d																											
8.14	Input	Wholesale and retail	G45, G46, G47	Ml/d																											
8.15	Input	Hotels, bars and restaurants	I55, I56	Ml/d																											
8.16	Input	Other services	J, K, L, M, N, O, R, S, T, U	Ml/d																											
8.17	Input	Education and Health	P, Q	Ml/d																											
8.18	Input			Ml/d																											
8.19	Input			Ml/d																											
8.20	Input			Ml/d																											

Company: Thames Water

Resource Zone Name SWA

Resource Zone Number: 5 of 6

Planning Scenario Name: Dry Year Critical Period

Chosen Level of Service: Company Preferred Level of Service

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																												
5_N	Input	Water Available For Use (own sources)	Ml/d																												
RAW WATER NORMAL YEAR																															
6_N	Input	Raw Water Abstracted	Ml/d																												
7_N	Input	Raw Water Exported (existing)	Ml/d																												
8_N	Input	Raw Water Imported (existing)	Ml/d																												
9_N	Input	Raw Water Losses and Operational Use	Ml/d																												
10_N	Input	Non Potable Supplies (existing)	Ml/d																												
POTABLE WATER TO POINT OF DELIVERY NORMAL YEAR																															
11_N	Input	Treatment Works Losses and Operational Use	Ml/d																												
12_N	Input	Potable Water Exported	Ml/d																												
13_N	Input	Potable Water Imported	Ml/d																												
14_N	Input	Distribution Input	Ml/d																												
15_N	Input	Distribution Losses	Ml/d																												
16_N	Input	Distribution System Operational Use	Ml/d																												
17_N	14_N-15_N-16_N	Water Delivered	Ml/d	0.00																											
POTABLE WATER DELIVERED NORMAL YEAR																															
32_N	Input	Water Taken Unbilled	Ml/d																												
33_N	Input	Water Delivered Unmeasured Household	Ml/d																												
34_N	Input	Unmeasured Household - USPL	Ml/d																												
35_N	33_N-34_N	Unmeasured Household - Consumption	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36_N	Input	Unmeasured Household - PCC	l/h/d																												
37_N	Input	Water Delivered Measured Household	Ml/d																												
38_N	Input	Measured Household - USPL	Ml/d																												
39_N	37_N-38_N	Measured Household - Consumption	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40_N	Input	Measured Household - PCC	l/h/d																												
41_N	Input	Water Delivered Unmeasured Non Household	Ml/d																												
42_N	Input	Unmeasured Non Household - USPL	Ml/d																												
43_N	41_N-42_N	Unmeasured Non Household - Consumption	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44_N	Input	Water Delivered Measured Non Household	Ml/d																												
45_N	Input	Measured Non Household - USPL	Ml/d																												
46_N	44_N-45_N	Measured Non Household - Consumption	Ml/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47_N	Input	Void Properties - USPL	Ml/d																												
LEAKAGE NORMAL YEAR																															
48_N	Input	Total Leakage	Ml/d																												
49_N	Input	Total Leakage	l/pr/d																												
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	0.00																											
51_N	Input	Available Headroom	Ml/d																												
52_N	Input	Target Headroom	Ml/d																												
53_N	51_N-52_N	Supply Demand Balance	Ml/d	0.00																											

Company:	**Thames Water**
Resource Zone Name	**SWA**
Resource Zone Number:	**5 of 6**
Planning Scenario Name:	**Dry Year Critical Period**
Chosen Level of Service:	**Company Preferred Level of Service**