

## 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](http://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](mailto: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 Annual Average  
Chosen Level of Service: Company Preferred Level of Service

Responsible Officer: David Spiller Signed: \_\_\_\_\_ Dated: 05/12/2011

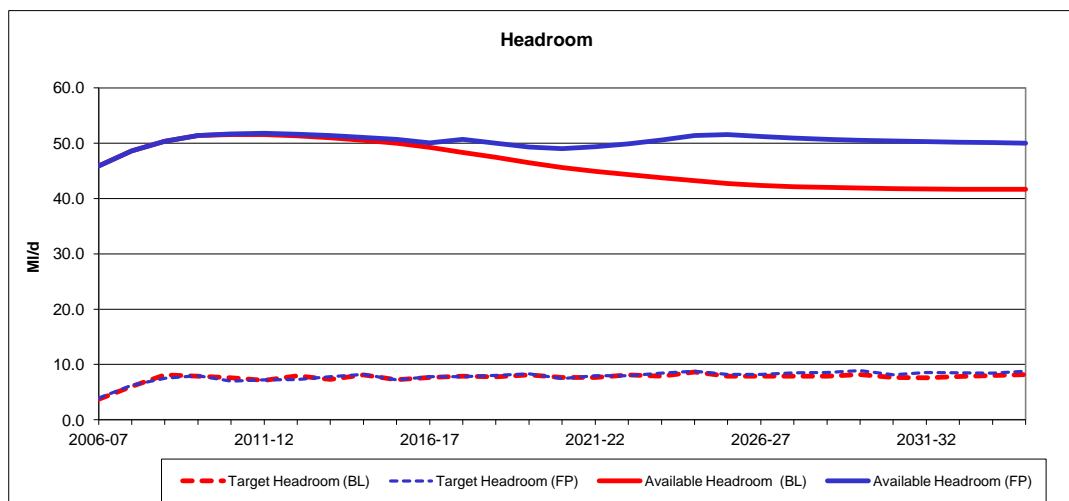
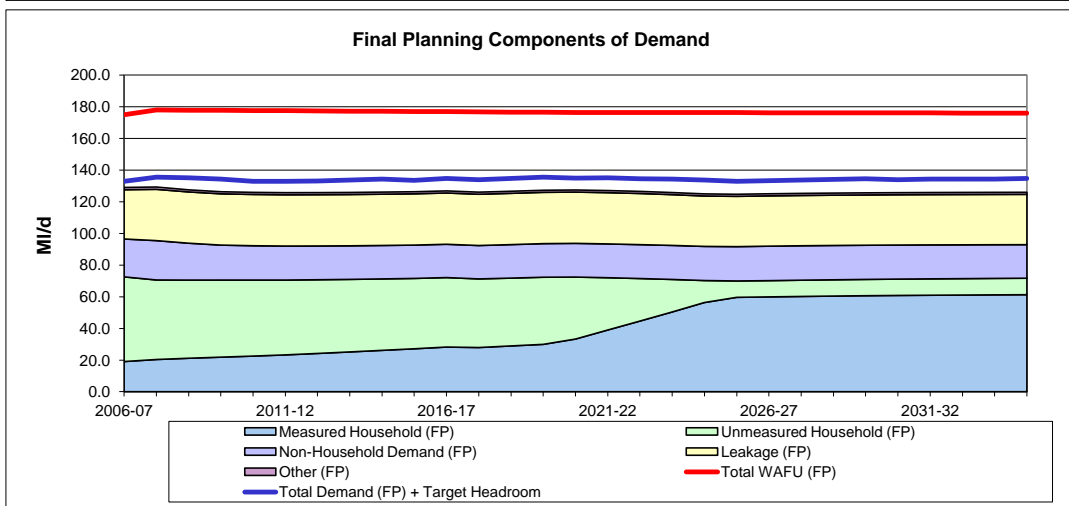
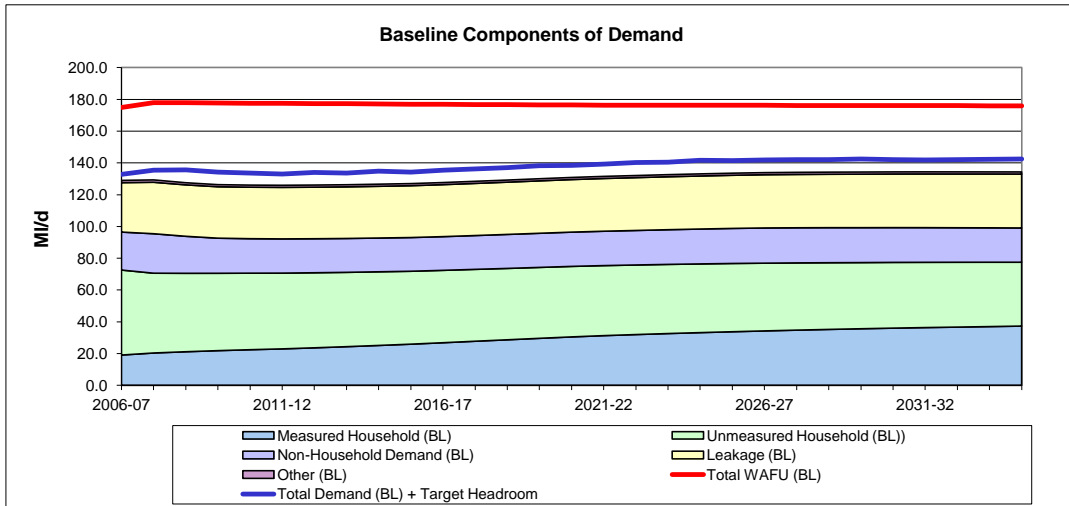
Version: Draft Final WRMP

\* delete as appropriate

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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 Annual Average
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							
<b>BASIC RESOURCES BASELINE</b>																																							
1 <sub>BL</sub>	Input	Deployable Output (Specify individual Source Yields on Table WRP6)	M/d	185.15	188.21	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30	188.30
2 <sub>BL</sub>	WRP1a-BL 2 <sub>BL</sub>	Reductions in Deployable Output	M/d	5.20	5.20	5.32	5.44	5.56	5.68	5.80	5.93	6.05	6.17	6.29	6.41	6.53	6.65	6.77	6.76	6.79	6.83	6.86	6.89	6.93	6.96	7.00	7.03	7.06	7.10	7.13	7.16	7.16	7.20						
3 <sub>BL</sub>	Input	Outage Allowance	M/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	3.06	3.06	3.06	3.06	3.06	3.06	3.06
4 <sub>BL</sub>	9 <sub>BL</sub> +11 <sub>BL</sub>	Process Losses	M/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	0.00	0.00	0.00	0.00	0.00	0.00	
5 <sub>BL</sub>	1 <sub>BL</sub> -(2 <sub>BL</sub> +3 <sub>BL</sub> +4 <sub>BL</sub> )	Water Available For Use (own sources)	M/d	176.95	179.95	179.92	179.79	179.67	179.55	179.43	179.31	179.19	179.07	178.95	178.83	178.71	178.59	178.51	178.48	178.44	178.41	178.38	178.34	178.31	178.28	178.24	178.21	178.17	178.14	178.11	178.07	178.04	178.01	177.97	177.94	177.91	177.87	177.84	
<b>RAW WATER BASELINE</b>																																							
6 <sub>BL</sub>	Input	Raw Water Abstracted	M/d	133.07	139.56	137.66	136.39	136.09	135.98	136.12	136.34	136.71	137.10	137.80	138.63	139.46	140.34	141.20	141.91	142.49	143.08	143.59	144.06	144.44	144.63	144.75	144.82	144.82	144.82	144.82	144.82	144.82	144.82	144.82	144.82	144.82	144.82	144.82	144.82
7 <sub>BL</sub>	WRP1a-BL 7 <sub>BL</sub>	Raw Water Exported (existing)	M/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	0.00	0.00	0.00	0.00	0.00	0.00	
8 <sub>BL</sub>	WRP1a-BL 8 <sub>BL</sub>	Raw Water Imported (existing)	M/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	0.00	0.00	0.00	0.00	0.00	0.00	
9 <sub>BL</sub>	Input	Raw Water Losses and Operational Use	M/d	0.20	0.82	0.81	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.81	0.81	0.82	0.82	0.83	0.83	0.83	0.84	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	
10 <sub>BL</sub>	WRP1a-BL 10 <sub>BL</sub>	Non Potable Supplies (existing)	M/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	0.00	0.00	0.00	0.00	0.00	0.00	
<b>POTABLE WATER TO POINT OF DELIVERY BASELINE</b>																																							
11 <sub>BL</sub>	Input	Treatment Works Losses and Operational Use	M/d	1.78	7.36	7.26	7.19	7.17	7.17	7.17	7.19	7.21	7.23	7.26	7.31	7.35	7.40	7.44	7.48	7.51	7.54	7.57	7.59	7.61	7.62	7.63	7.63	7.64	7.64	7.64	7.64	7.64	7.64	7.64	7.64	7.64	7.64	7.64	
12 <sub>BL</sub>	WRP1a-BL 12 <sub>BL</sub>	Potable Water Exported	M/d	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	
13 <sub>BL</sub>	WRP1a-BL 13 <sub>BL</sub>	Potable Water Imported	M/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	0.00	0.00	0.00	0.00	0.00		
14 <sub>BL</sub>	Input	Distribution Input	M/d	129.00	129.30	127.52	126.32	126.04	125.93	126.06	126.27	126.62	126.99	127.65	128.43	129.22	130.04	130.85	131.52	132.07	132.62	133.10	133.54	133.90	134.08	134.19	134.26	134.35	134.35	134.35	134.35	134.35	134.35	134.35	134.35	134.35	134.35	134.35	134.35
15 <sub>BL</sub>	Input	Distribution Losses	M/d	23.26	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28	23.28
16 <sub>BL</sub>	Input	Distribution System Operational Use	M/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	0.27	0.27	0.27	0.27	0.27	0.27	
17 <sub>BL</sub>	14 <sub>BL</sub> -15 <sub>BL</sub> -16 <sub>BL</sub>	Water Delivered	M/d	106.30	105.75	103.97	102.77	102.44	102.35	102.50	102.70	103.05	103.40	104.01	104.75	105.48	106.26	106.95	107.43	107.79	108.17	108.48	108.83	109.18	109.35	109.45	109.50	109.50	109.50	109.50	109.50	109.50	109.50	109.50	109.50	109.50	109.50	109.50	109.50
<b>POTABLE WATER CUSTOMER USE BASELINE</b>																																							
18 <sub>BL</sub>	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 <sub>BL</sub>	Input	Unmeasured Household - Properties	000's	120.894	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 <sub>BL</sub>	18 <sub>BL</sub> /19 <sub>BL</sub>	Unmeasured Household - Occupancy Rate	h/pr	2.63	2.63	2.63	2.66	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	2.79	2.79	2.80	2.81	2.81	2.82	2.83									
21 <sub>BL</sub>	WRP6-6.1 <sub>BL</sub>	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	281.235	286.148	291.117							
22 <sub>BL</sub>	WRP6-6.2 <sub>BL</sub>	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 <sub>BL</sub>	21 <sub>BL</sub> /22 <sub>BL</sub>	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	2.05	2.05	2.05	2.05	2.04	2.04	2.04							
24 <sub>BL</sub>	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	0.000	0.000	0.000	0.000			
25 <sub>BL</sub>	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	0.495	0.495	0.495	0.495	0.495		
26 <sub>BL</sub>	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	22.194	22.194	22.194	22.194	22.194		
27 <sub>BL</sub>	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 <sub>BL</sub>	18 <sub>BL</sub> +21 <sub>BL</sub> +24 <sub>BL</sub> +25 <sub>BL</sub>	Total Population	000's	465.365	472.596	471.785	475.997	477.979	479.690	482.414</																													

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

ROW Ref.	DERIVATION	DESCRIPTION <i>(insert/delete non-numbered lines to suit)</i>	UNITS	Scenario	2007-07	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		
				Year																															
2a <sub>BL</sub>	Input as appropriate	Reductions in Baseline Deployable Output. Total here and specify below	M/d	5.20	5.20	5.32	5.44	5.56	5.68	5.80	5.93	6.05	6.17	6.29	6.41	6.53	6.65	6.72	6.76	6.79	6.83	6.86	6.89	6.93	6.96	7.00	7.03	7.06	7.10	7.13	7.16	7.20			
		<i>Climate change</i>	M/d	0.00	0.00	0.12	0.24	0.36	0.48	0.60	0.73	0.85	0.97	1.09	1.21	1.33	1.45	1.52	1.56	1.59	1.63	1.66	1.69	1.73	1.76	1.80	1.83	1.86	1.90	1.93	1.96	2.00			
		<i>Sustainability Reduction</i>	M/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			
		<i>Network Constraints</i>	M/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			
			M/d																																
			M/d																																
7a <sub>BL</sub>	Input as appropriate	Baseline Raw Water Exported (existing). Total here and specify below	M/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	M/d																																
		to	M/d																																
		to	M/d																																
8a <sub>BL</sub>	Input as appropriate	Baseline Raw Water Imported (existing). Total here and specify below	M/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	M/d																																
		from	M/d																																
		from	M/d																																
10a <sub>BL</sub>	Input as appropriate	Baseline Non Potable Supplies (existing). Total here and specify below	M/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	M/d																																
		to	M/d																																
		to	M/d																																
12a <sub>BL</sub>	Input as appropriate	Baseline Potable Water Exported. Total here and specify below	M/d	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08		
		to N Oxon., from SWA - Ashendon to Horspath	M/d	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28		
		to S Oxf from SWA - Radnage to Bedlow Ridge	M/d	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40		
		to S Oxf from SWA - Stokenchurch to Chinnor	M/d	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	
		to	M/d																																
		to	M/d																																
13a <sub>BL</sub>	Input as appropriate	Baseline Potable Water Imported. Total here and specify below	M/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	M/d																																
		from	M/d																																
		from	M/d																																
		from	M/d																																

Company: Thames Water

Resource Zone Name: SWA

Resource Zone Number: 5 of 6

Planning Scenario Name: Dry Year Annual Average

Chosen Level of Service: Company Preferred Level of Service

Table WRP2: Feasible list of water management options

ROW Ref.	DERIVATION	OPTION DESCRIPTION <i>(Insert / delete non-numbered lines to suit)</i>	WATER MANAGEMENT OPTION COST AND SOLUTION - TO BE COMPLETED FOR ALL FEASIBLE OPTIONS										
			OPTION REFERENCE No.	WAFU ON FULL IMPLEMENTATION (M/d)	EARLIEST POTENTIAL OPTION START DATE (YEAR)	NPV of WAFU (M)	CAPEX NPV (£000)	OPEX NPV (£000)	NPV of OPEX SAVINGS (£000)	SOCIAL & ENV. NPV (£000)	TOTAL NPV (£000)	AIC (p/M <sup>3</sup> )	AISC (p/M <sup>3</sup> )
54	Input as appropriate	Customer Side Management, Specify Below....											
		Change of Occupier (Compulsory Current Powers)		7.37	2010/11	35290.45	23694.11	5231.86	-1190.62	755.37	29681.34	78.59	80.73
		Targetted compulsory metering (New Powers)		7.37	2010/11	35290.45	16418.96	4359.88	-1190.62	755.37	21534.21	55.51	57.65
		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)		0.26	2010/11	1412.71	10707.61	1255.65	-40.79	755.37	12718.63	843.95	897.41
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	0	2012	0.00	8095.00	590.89	0.00	645.40	9331.30	#DIV/0!	#DIV/0!
		Henley South East Groundwater Resource Development	PR09 SWA 02	10	2013	78713.51	19886.46	5342.45	0.00	809.06	25837.97	31.80	32.83
		Slough South Pump Replacement	PR09 SWA 03	0	2011	0.00	3724.39	273.88	0.00	127.52	4125.79	#DIV/0!	#DIV/0!
		Shalbourne (Option B) Ground Water Resource Development	PR09 SWA 04	10	2013	78713.51	20603.79	5637.18	0.00	1043.81	27284.78	33.34	34.66
		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	0	2013	0.00	11092.28	377.39	0.00	629.17	12098.84	#DIV/0!	#DIV/0!
		ASR - Wendover	PR09 SWA 07	3	2015	23614.05	16348.25	2363.99	0.00	668.32	19380.57	79.24	82.07
		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	27	2021	212526.47	195602.10	26880.61	0.00	-4594.19	217888.52	104.68	102.52
		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 Annual Average
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 <i>[Insert / delete non-numbered lines to suit]</i>	UNITS	Scenario	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			
				Year	2006-07																														
2a <sub>FP</sub>	Input as appropriate	Reductions in Final Planning Deployable Output. Total here and specify below	M/d	5.20	5.20	5.32	5.44	5.56	5.68	5.80	5.93	6.05	6.17	6.29	6.41	6.53	6.65	6.72	6.76	6.79	6.83	6.86	6.89	6.93	6.96	7.00	7.03	7.06	7.10	7.13	7.16	7.20			
		<i>Climate change</i>	M/d	0.00	0.00	0.12	0.24	0.36	0.48	0.60	0.73	0.85	0.97	1.09	1.21	1.33	1.45	1.52	1.56	1.59	1.63	1.66	1.69	1.73	1.76	1.80	1.83	1.86	1.90	1.93	1.96	2.00			
		<i>Sustainability Reduction</i>	M/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			
		<i>Network Constraints</i>	M/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			
			M/d																																
			M/d																																
7a <sub>FP</sub>	Input as appropriate	Final Planning Raw Water Exported. Total here and specify below	M/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	M/d																																
		to	M/d																																
8a <sub>FP</sub>	Input as appropriate	Final Planning Raw Water Imported. Total here and specify below	M/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	M/d																																
		from	M/d																																
		from	M/d																																
10a <sub>FP</sub>	Input as appropriate	Final Planning Non Potable Supplies. Total here and specify below	M/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	0.00		
		to	M/d																																
		to	M/d																																
		to	M/d																																
12a <sub>FP</sub>	Input as appropriate	Final Planning Potable Water Exported. Total here and specify below	M/d	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08		
		to N Oxon., from SWA - Ashendon to Horspath	M/d	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	
		to S Ox from SWA - Radnage to Bedlow Ridge	M/d	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	
		to S Ox from SWA - Stokenchurch to Chinnor	M/d	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	
		to	M/d																																
		to	M/d																																
13a <sub>FP</sub>	Input as appropriate	Final Planning Potable Water Imported. Total here and specify below	M/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	0.00		
		from	M/d																																
		from	M/d																																
		from	M/d																																
		from	M/d																																
		from	M/d																																

Company: Thames Water

Resource Zone Name: SWA

Resource Zone Number: 5 of 6

Planning Scenario Name: Dry Year Annual Average

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	18.18		18.18	P	1995-2007	
5.2	Input	28/39/27/0097	Dorney	GW	17.08		18.23	B	1976-2006	
5.3	Input	28/39/26/0109	Taplow	GW	38.95		39.11	T	1971-2002	
5.4	Input	28/39/27/0092	Eton	GW	8.7		8.73	T	1995-2007	
5.5	Input	28/39/23/0007	Bourne End	GW	21.7		22.73	L	1985-2006	
5.6	Input	28/39/23/0110	Medmenham	GW	45		45.00	L	1985-1997	
5.7	Input	28/39/25/0044	Mill End (Licence revoked) * (Emergency Only)	GW	0		18.18	L	1955-2006	
5.8	Input	28/39/25/0055	Mill End * (Emergency Only)	GW	0		**			
5.9	Input	28/39/25/0051	Radnage	GW	1.9		2.22	P	1992-1994	1997 RWL, 1992
5.10	Input	28/39/25/0042	Pann Mill	GW	16.8		22.73	B / Q	1970-2004	1970 RWL, 2004
5.11	Input	28/39/23/0067	Marlow	GW	9.1		9.09	L	1995-2008	
5.12	Input	28/39/19/0104	Dancers End	GW	1.49		1.50	L	1995-2007	
5.13	Input	28/39/28/0238	Hawridge*	GW	7.4		9.09	P	1971-2008	2006 RWL & PW
5.14	Input	28/39/28/0238	Hampden*	GW	2		2.00	T / L	1953-2006	1992 RWL & PW
5.15	Input	28/39/28/0238	Wendover* (Disused)	GW	0		**	Disused	1995-1997	
5.16	Input	28/39/28/0603	New Ground * (Emergency Only)	GW	0		8.20	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				188.30	0.00	224.98			

Company:	<u>Thames Water</u>
Resource Zone Name	<u>SWA</u>
Resource Zone Number:	<u>5 of 6</u>
Planning Scenario Name:	<u>Dry Year Annual Average</u>
Chosen Level of Service:	<u>Company Preferred Level of Service</u>

Table WRP6: Baseline breakdown of measured households

Row Ref	Derivation	Description	Units	Scenario Year	Scenario																													
					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 <sub>BL</sub>	6.5 <sub>BL</sub> +6.9 <sub>BL</sub> +6.13 <sub>BL</sub> +6.17 <sub>BL</sub> +6.21 <sub>BL</sub> +6.25 <sub>BL</sub>	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 <sub>BL</sub>	6.9 <sub>BL</sub> +6.10 <sub>BL</sub> +6.14 <sub>BL</sub> +6.18 <sub>BL</sub> +6.22 <sub>BL</sub> +6.26 <sub>BL</sub>	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 <sub>BL</sub>	6.1 <sub>BL</sub> /6.2 <sub>BL</sub>	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	2.05	2.05	2.05	2.04	2.04	2.04		
6.5 <sub>BL</sub>	Input	Meter optants	Population	000's		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 <sub>BL</sub>	Input	Meter optants	Properties	000's		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 <sub>BL</sub>	6.5 <sub>BL</sub> /6.6 <sub>BL</sub>	Meter optants	Occupancy	h/prop	#DIV/0!	1.54	1.54	1.54	1.53	1.53	1.53	1.53	1.52	1.52	1.52	1.51	1.51	1.51	1.51	1.50	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	
6.8 <sub>BL</sub>	Input	Meter optants	pcc	l/h/d		141.85	141.72	141.38	141.12	140.81	140.83	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 <sub>BL</sub>	Input	New properties	Population	000's		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 <sub>BL</sub>	Input	New properties	Properties	000's		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 <sub>BL</sub>	6.9 <sub>BL</sub> /6.10 <sub>BL</sub>	New properties	Occupancy	h/prop	#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 <sub>BL</sub>	Input	New properties	pcc	l/h/d		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 <sub>BL</sub>	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		
6.14 <sub>BL</sub>	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		
6.15 <sub>BL</sub>	6.13 <sub>BL</sub> /6.14 <sub>BL</sub>	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!	
6.16 <sub>BL</sub>	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		
6.17 <sub>BL</sub>	Input	Selective metering	Population	000's																														
6.18 <sub>BL</sub>	Input	Selective metering	Properties	000's																														
6.19 <sub>BL</sub>	6.17 <sub>BL</sub> /6.18 <sub>BL</sub>	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!	
6.20 <sub>BL</sub>	Input	Selective metering	pcc	l/h/d																														
6.21 <sub>BL</sub>	Input	Compulsory metering	Population	000's																														
6.22 <sub>BL</sub>	Input	Compulsory metering	Properties	000's																														
6.23 <sub>BL</sub>	6.21 <sub>BL</sub> /6.22 <sub>BL</sub>	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 <sub>BL</sub>	Input	Compulsory metering	pcc	l/h/d																														
6.25 <sub>BL</sub>	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 <sub>BL</sub>	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 <sub>BL</sub>	6.25 <sub>BL</sub> /6.26 <sub>BL</sub>	Existing Metering	Occupancy	h/prop	2.11	2.22	2.21	2.21	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 <sub>BL</sub>	Input	Existing Metering	pcc	l/h/d	144.32	144.48	144.41	144.25	144.12	144.10	144.16	144.16	144.16	143.98	143.96	143.63	143.17	142.57	141.87	141.07	139.83	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 Annual Average
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 <sub>pp</sub>	6.5 <sub>pp</sub> +6.9 <sub>pp</sub> +6.13 <sub>pp</sub> +6.17 <sub>pp</sub> +6.21 <sub>pp</sub> +6.25 <sub>pp</sub>	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 <sub>pp</sub>	6.6 <sub>pp</sub> +6.10 <sub>pp</sub> +6.14 <sub>pp</sub> +6.18 <sub>pp</sub> +6.22 <sub>pp</sub> +6.26 <sub>pp</sub>	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 <sub>pp</sub>	6.1 <sub>pp</sub> /6.2 <sub>pp</sub>	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 <sub>pp</sub>	Input	Meter optants	Population	000's		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	31.39	32.44	32.36	32.27	32.17	32.09	32.05	32.00	31.94	31.88	31.82	
6.6 <sub>pp</sub>	Input	Meter optants	Properties	000's		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	20.27
6.7 <sub>pp</sub>	6.5 <sub>pp</sub> /6.6 <sub>pp</sub>	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	1.51	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 <sub>pp</sub>	Input	Meter optants	pcc	l/h/d		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 <sub>pp</sub>	Input	New properties	Population	000's		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 <sub>pp</sub>	Input	New properties	Properties	000's		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 <sub>pp</sub>	6.9 <sub>pp</sub> /6.10 <sub>pp</sub>	New properties	Occupancy	h/prop	#DIV/0!	#DIV/0!	2.36	2.35	2.35	2.34	2.34	2.33	2.32	2.32	2.32	2.32	2.31	2.31	2.30	2.30	2.28	2.28	2.27	2.26	2.26	2.25	2.25	2.24	2.24	2.24	2.24	2.23	
6.12 <sub>pp</sub>	Input	New properties	pcc	l/h/d		144.96	144.91	143.88	142.83	141.38	139.89	138.29	136.88	135.68	128.30	127.96	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 <sub>pp</sub>	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	
6.14 <sub>pp</sub>	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	
6.15 <sub>pp</sub>	6.13 <sub>pp</sub> /6.14 <sub>pp</sub>	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!
6.16 <sub>pp</sub>	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	
6.17 <sub>pp</sub>	Input	Selective metering	Population	000's																													
6.18 <sub>pp</sub>	Input	Selective metering	Properties	000's																													
6.19 <sub>pp</sub>	6.17 <sub>pp</sub> /6.18 <sub>pp</sub>	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!
6.20 <sub>pp</sub>	Input	Selective metering	pcc	l/h/d																													
6.21 <sub>pp</sub>	Input	Compulsory metering	Population	000's				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 <sub>pp</sub>	Input	Compulsory metering	Properties	000's				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 <sub>pp</sub>	6.21 <sub>pp</sub> /6.22 <sub>pp</sub>	Compulsory metering	Occupancy	h/prop	#DIV/0!	#DIV/0!	#DIV/0!	2.58	2.57	2.57	2.56	2.56	2.55	2.55	2.54	2.54	2.57	2.58	2.60	2.65	2.65	2.67	2.67	2.66	2.65	2.65	2.64	2.64	2.63	2.63			
6.24 <sub>pp</sub>	Input	Compulsory metering	pcc	l/h/d				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		
6.25 <sub>pp</sub>	Input	Existing Metering	Population	000's	126.92	140.99	140.74	140.31	140.17	139.94	139.79	139.45	139.20	138.91	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 <sub>pp</sub>	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 <sub>pp</sub>	6.25 <sub>pp</sub> /6.26 <sub>pp</sub>	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	2.17	2.17	2.17	2.16	2.16	2.16	2.15	2.14	2.13	2.12	2.11	2.11	2.11	2.10	2.10	2.10		
6.28 <sub>pp</sub>	Input	Existing Metering	pcc	l/h/d	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	134.65	133.72	131.60	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 Annual Average
Chosen Level of Service:	Company Preferred Level of Service

Table WRP7: Baseline household micro-component consumption

Row Ref	Derivation	Description <i>Insert additional components as required</i>	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	39.44	38.03	37.27	36.57	35.91	35.30	34.73	34.20	33.71	33.24	32.81	32.41	32.03	31.68	31.36	31.06	30.77	30.51	30.27	30.05	29.84	29.65	29.47	29.30	29.15	29.00	28.87	28.74	28.63
7.2	Input	Unmeasured bath use	l/h/d	19.70	18.30	17.64	16.99	16.34	15.68	15.02	14.37	13.71	13.04	12.38	12.22	12.07	11.91	11.76	11.60	11.45	11.29	11.13	10.98	10.83	10.81	10.79	10.77	10.75	10.72	10.70	10.68	10.66
7.3	Input	Unmeasured shower use	l/h/d	25.32	25.34	26.27	27.33	28.40	29.47	30.55	31.63	32.73	33.82	34.93	35.67	36.42	37.17	37.93	38.70	39.46	40.24	41.02	41.80	42.60	43.28	43.97	44.66	45.35	46.05	46.76	47.46	48.17
7.4	Input	Unmeasured hand basin	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	
7.5	Input	Unmeasured clothes washing	l/h/d	13.90	12.83	12.47	12.15	11.87	11.61	11.39	11.19	11.01	10.85	10.71	10.58	10.47	10.37	10.28	10.20	10.13	10.07	10.02	9.98	9.95	9.92	9.89	9.86	9.84	9.82	9.81	9.80	9.80
7.6	Input	Unmeasured dish washing	l/h/d	8.80	8.06	8.04	7.98	7.92	7.86	7.82	7.78	7.75	7.71	7.67	7.64	7.61	7.58	7.55	7.52	7.50	7.48	7.47	7.46	7.45	7.44	7.44	7.43	7.42	7.41	7.40	7.39	7.39
7.7	Input	Unmeasured garden use	l/h/d	19.72	18.77	18.94	19.15	19.34	19.52	19.71	19.90	20.06	20.22	20.33	20.45	20.56	20.65	20.74	20.83	20.95	21.04	21.13	21.23	21.32	21.41	21.50	21.58	21.64	21.69	21.74	21.79	21.84
7.8	Input	Unmeasured car washing	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	
7.9	Input	Unmeasured miscellaneous use	l/h/d	32.95	32.14	32.14	32.18	32.21	32.24	32.27	32.29	32.32	32.34	32.35	32.37	32.39	32.40	32.42	32.43	32.45	32.46	32.48	32.50	32.52	32.54	32.56	32.57	32.59	32.60	32.62	32.63	32.65
7.10	Input	Unmeasured wastage	l/h/d	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
7.11	Input	Unmeasured water efficiency	l/h/d	-0.39	-0.12	-0.25	-0.38	-0.51	-0.64	-0.77	-0.90	-1.02	-1.13	-1.23	-1.31	-1.36	-1.41	-1.44	-1.46	-1.48	-1.49	-1.50	-1.51	-1.53	-1.54	-1.56	-1.58	-1.59	-1.60	-1.62	-1.63	-1.65
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	168.44	162.34	161.51	160.97	160.47	160.06	159.73	159.47	159.25	159.10	158.96	159.05	159.19	159.36	159.59	159.88	160.25	160.62	161.02	161.48	161.99	162.51	163.05	163.60	164.14	164.69	165.27	165.87	166.49
7.20	Input	Measured toilet flushing	l/h/d	35.50	34.72	33.98	33.38	32.81	32.27	31.75	31.26	30.77	30.29	29.81	29.34	28.88	28.43	27.99	27.56	27.15	26.74	26.34	25.93	25.53	25.12	24.71	24.31	23.90	23.51	23.13	22.75	22.37
7.21	Input	Measured bath use	l/h/d	21.54	16.92	16.35	15.72	15.08	14.43	13.76	13.08	12.37	11.64	10.88	10.61	10.34	10.04	9.73	9.42	9.11	8.78	8.44	8.07	7.70	7.45	7.18	6.90	6.61	6.33	6.04	5.75	5.45
7.22	Input	Measured shower use	l/h/d	26.15	26.94	27.95	29.04	30.10	31.17	32.23	33.29	34.32	35.34	36.34	36.92	37.49	38.05	38.60	39.15	39.70	40.24	40.77	41.29	41.80	42.20	42.59	42.96	43.34	43.72	44.10	44.48	44.85
7.23	Input	Measured hand basin	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	
7.24	Input	Measured clothes washing	l/h/d	11.99	11.56	11.12	10.76	10.44	10.14	9.87	9.61	9.36	9.10	8.83	8.57	8.31	8.05	7.80	7.55	7.30	7.06	6.81	6.54	6.28	6.00	5.72	5.43	5.14	4.86	4.57	4.29	4.00
7.25	Input	Measured dish washing	l/h/d	7.85	7.83	7.85	7.84	7.82	7.79	7.77	7.74	7.69	7.63	7.52	7.42	7.30	7.16	7.03	6.89	6.76	6.61	6.45	6.27	6.08	5.88	5.67	5.44	5.21	4.97	4.73	4.48	4.23
7.26	Input	Measured garden use	l/h/d	15.48	14.22	15.22	15.83	16.33	16.79	17.25	17.70	18.10	18.47	18.81	19.15	19.46	19.73	19.98	20.23	20.50	20.71	20.90	21.08	21.23	21.35	21.46	21.54	21.58	21.61	21.64	21.64	21.62
7.27	Input	Measured car washing	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	
7.28	Input	Measured miscellaneous use	l/h/d	29.94	29.82	29.98	30.05	30.10	30.13	30.15	30.16	30.14	30.10	30.02	29.94	29.84	29.72	29.59	29.45	29.32	29.16	28.99	28.81	28.61	28.39	28.16	27.92	27.67	27.43	27.18	26.92	26.66
7.29	Input	Measured wastage	l/h/d	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
7.30	Input	Measured water efficiency	l/h/d	-0.89	-0.28	-0.59	-0.89	-1.19	-1.48	-1.77	-2.06	-2.35	-2.60	-2.80	-2.98	-3.11	-3.21	-3.28	-3.33	-3.35	-3.38	-3.40	-3.44	-3.47	-3.50	-3.54	-3.57	-3.60	-3.63	-3.66	-3.69	-3.71
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	150.17	144.32	144.46	144.34	144.10	143.84	143.62	143.38	143.00	142.58	142.00	141.56	141.11	140.58	140.03	139.53	139.09	138.52	137.89	137.17	136.35	135.49	134.56	133.54	132.45	131.40	130.34	129.21	128.06

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

Table WRP7a: Final planning household micro-component consumption

Row Ref	Derivation	Description <i>Insert additional components as required</i>	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	39.44	38.09	37.34	36.64	35.99	35.40	34.84	34.33	33.84	33.40	32.98	32.59	32.23	31.90	31.58	31.30	31.05	30.84	30.62	30.57	30.05	29.86	29.68	29.51	29.35	29.21	29.07	28.95	28.83
7.2	Input	Unmeasured bath use	l/h/d	19.70	18.35	17.70	17.05	16.40	15.74	15.09	14.43	13.77	13.11	12.45	12.30	12.15	12.00	11.84	11.69	11.56	11.44	11.49	11.32	10.88	10.85	10.83	10.81	10.79	10.77	10.75	10.72	10.70
7.3	Input	Unmeasured shower use	l/h/d	25.32	25.38	26.31	27.38	28.44	29.52	30.60	31.69	32.78	33.88	34.98	35.73	36.49	37.24	37.99	38.76	39.55	40.36	41.33	42.11	42.62	43.31	43.99	44.68	45.38	46.08	46.78	47.49	48.20
7.4	Input	Unmeasured hand basin	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	
7.5	Input	Unmeasured clothes washing	l/h/d	13.90	12.92	12.56	12.25	11.97	11.72	11.49	11.29	11.11	10.96	10.82	10.69	10.58	10.48	10.39	10.33	10.30	10.30	10.48	10.41	10.04	10.01	9.98	9.95	9.93	9.92	9.91	9.90	9.89
7.6	Input	Unmeasured dish washing	l/h/d	8.80	8.15	8.13	8.08	8.01	7.93	7.87	7.81	7.74	7.69	7.63	7.58	7.54	7.50	7.44	7.37	7.32	7.27	7.44	7.40	7.08	7.10	7.11	7.13	7.15	7.16	7.18	7.20	7.22
7.7	Input	Unmeasured garden use	l/h/d	19.72	18.43	18.57	18.78	18.93	19.04	19.14	19.24	19.31	19.38	19.40	19.45	19.50	19.56	19.43	19.18	19.03	18.79	18.65	18.98	19.38	19.53	19.69	19.85	19.98	20.10	20.23	20.35	20.47
7.8	Input	Unmeasured car washing	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	
7.9	Input	Unmeasured miscellaneous use	l/h/d	32.95	32.14	32.15	32.18	32.22	32.25	32.27	32.30	32.32	32.34	32.36	32.37	32.39	32.40	32.41	32.44	32.49	32.69	32.72	32.51	32.53	32.54	32.56	32.57	32.58	32.60	32.61	32.63	
7.10	Input	Measured wastage	l/h/d	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
7.11	Input	Measured water efficiency	l/h/d	-0.39	-0.12	-0.25	-0.38	-0.57	-0.70	-0.80	-0.92	-1.04	-1.14	-1.23	-1.31	-1.37	-1.42	-1.42	-1.35	-1.25	-1.12	-0.97	-0.85	-0.87	-0.88	-0.89	-0.91	-0.92	-0.93	-0.94	-0.96	-0.97
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	168.44	162.34	161.51	160.97	160.38	159.90	159.51	159.16	158.84	158.61	158.38	158.40	158.50	158.66	158.65	158.69	159.00	159.36	160.94	161.66	160.69	161.30	161.94	162.59	163.23	163.89	164.57	165.26	165.96
7.20	Input	Measured toilet flushing	l/h/d	35.50	34.58	33.83	33.23	32.66	32.12	31.61	31.12	30.64	30.17	29.69	28.29	27.85	27.42	27.05	26.75	26.47	26.19	25.90	25.61	25.33	25.04	24.76	24.48	24.19	23.91	23.64	23.37	23.10
7.21	Input	Measured bath use	l/h/d	21.54	16.80	16.23	15.60	14.96	14.31	13.64	12.97	12.26	11.54	10.78	9.58	9.32	9.04	8.80	8.61	8.42	8.21	7.98	7.73	7.48	7.35	7.21	7.05	6.88	6.71	6.54	6.36	6.17
7.22	Input	Measured shower use	l/h/d	26.15	26.85	27.86	28.94	30.01	31.08	32.14	33.20	34.24	35.27	36.27	35.91	36.49	37.07	37.68	38.35	39.02	39.67	40.32	40.95	41.58	42.10	42.61	43.12	43.61	44.10	44.60	45.09	45.58
7.23	Input	Measured hand basin	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	
7.24	Input	Measured clothes washing	l/h/d	11.99	11.37	10.92	10.56	10.22	9.91	9.63	9.37	9.11	8.86	8.60	7.42	7.18	6.94	6.76	6.63	6.52	6.39	6.26	6.12	5.98	5.84	5.69	5.53	5.36	5.20	5.03	4.86	4.69
7.25	Input	Measured dish washing	l/h/d	7.85	7.64	7.64	7.64	7.60	7.53	7.47	7.42	7.34	7.24	7.09	6.02	5.85	5.67	5.54	5.45	5.37	5.26	5.12	4.99	4.91	4.82	4.72	4.61	4.48	4.35	4.21	4.07	3.93
7.26	Input	Measured garden use	l/h/d	15.48	14.96	16.02	16.62	17.14	17.63	18.11	18.55	18.93	19.27	19.56	18.64	18.85	18.99	19.08	19.14	19.20	19.21	19.14	19.17	19.32	19.46	19.59	19.70	19.75	19.81	19.87	19.90	19.93
7.27	Input	Measured car washing	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	
7.28	Input	Measured miscellaneous use	l/h/d	29.94	29.81	29.97	30.04	30.09	30.12	30.15	30.16	30.14	30.10	30.03	28.98	28.89	28.79	28.72	28.69	28.67	28.62	28.57	28.49	28.41	28.31	28.21	28.10	27.96	27.83	27.69	27.54	27.39
7.29	Input	Measured wastage	l/h/d	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
7.30	Input	Measured water efficiency	l/h/d	-0.89	-0.28	-0.59	-0.89	-1.31	-1.53	-1.72	-1.94	-2.14	-2.30	-2.42	-2.50	-2.55	-2.58	-2.61	-2.64	-2.66	-2.67	-2.68	-2.62	-2.66	-2.70	-2.74	-2.78	-2.82	-2.86	-2.90	-2.94	-2.98
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	150.17	144.32	144.46	144.34	143.97	143.77	143.63	143.45	143.13	142.75	142.21	134.94	134.48	133.93	133.63	133.59	133.60	133.48	133.21	133.05	132.94	132.81	132.64	132.40	132.01	131.65	131.28	130.86	130.41

Company: Thames Water  
Resource Zone Name: SWA  
Resource Zone Number: 5 of 6  
Planning Scenario Name: Dry Year Annual Average  
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	M/d	0.95	1.13	1.14	1.04	0.99	0.94	0.89	0.84	0.79	0.75	0.72	0.69	0.68	0.66	0.65	0.63	0.61	0.60	0.59	0.58	0.57	0.55	0.54	0.52	0.50	0.48	0.47	0.45	
8.2	Input	Extraction of metals, minerals and energy producing materials	B5, B6, B7, B8, B9	M/d	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	
8.3	Input	Food and drink (manufacture)	C10, C11, C12	M/d	3.53	3.32	2.98	2.75	2.61	2.48	2.36	2.26	2.18	2.10	2.05	2.01	1.98	1.94	1.90	1.87	1.85	1.83	1.82	1.81	1.80	1.77	1.73	1.69	1.65	1.61	1.57	1.53	
8.4	Input	Textile, fur and leather (manufacture)	C13, C14, C15	M/d	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8.5	Input	Other manufacturing	C16, C26, C27, C31, C32, C33	M/d	0.58	0.53	0.50	0.48	0.48	0.48	0.48	0.47	0.48	0.48	0.48	0.48	0.49	0.49	0.49	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.49	0.49	0.49	
8.6	Input	Paper (manufacture)	C17, C18	M/d	0.09	0.09	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06		
8.7	Input	Fuel refining	C19	M/d	0.03	0.02	0.02	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
8.8	Input	Chemicals, rubbers, plastics and man-made material (manufacture)	C20, C21, C22	M/d	1.03	1.28	1.18	1.11	1.08	1.04	1.02	1.00	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.83	0.82	0.80	0.79	0.77	0.76	
8.9	Input	Manufacture of non-metallic minerals	C23	M/d	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
8.10	Input	Manufacture of basic metals, fabricated metal products and	C24, C25, C28, C29	M/d	0.26	0.29	0.26	0.23	0.23	0.23	0.23	0.22	0.22	0.21	0.21	0.21	0.20	0.20	0.20	0.20	0.19	0.19	0.19	0.19	0.18	0.18	0.18	0.17	0.17	0.17	0.16	0.16	
8.11	Input	Transportation and manufacture of transport equipment	C30, H49, H50, H51, H52, H53	M/d	0.73	0.71	0.67	0.65	0.64	0.64	0.65	0.65	0.65	0.65	0.66	0.67	0.67	0.67	0.68	0.69	0.69	0.69	0.70	0.70	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
8.12	Input	Electricity, gas and water supplies	D35, E36, E37, E38, E39	M/d	0.22	0.34	0.34	0.33	0.32	0.31	0.30	0.30	0.29	0.29	0.29	0.28	0.28	0.27	0.27	0.26	0.25	0.25	0.24	0.23	0.23	0.22	0.22	0.21	0.21	0.20	0.19	0.19	
8.13	Input	Construction	F41, F42, F43	M/d	0.25	0.25	0.23	0.20	0.19	0.19	0.19	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16	
8.14	Input	Wholesale and retail	G45, G46, G47	M/d	1.63	1.83	1.73	1.65	1.62	1.62	1.62	1.62	1.62	1.62	1.63	1.64	1.65	1.67	1.68	1.69	1.69	1.70	1.71	1.72	1.73	1.72	1.72	1.71	1.70	1.69	1.68	1.68	
8.15	Input	Hotels, bars and restaurants	I55, I56	M/d	2.91	2.92	2.75	2.55	2.53	2.56	2.58	2.61	2.65	2.69	2.75	2.81	2.89	2.96	3.04	3.12	3.19	3.28	3.36	3.44	3.52	3.58	3.64	3.69	3.74	3.80	3.85	3.90	
8.16	Input	Other services	J, K, L, M, N, O, R, S, T, U	M/d	7.64	7.71	7.24	6.91	6.85	6.88	6.92	6.97	7.02	7.06	7.10	7.15	7.19	7.23	7.26	7.30	7.33	7.36	7.39	7.42	7.44	7.43	7.42	7.40	7.38	7.36	7.34	7.32	
8.17	Input	Education and Health	P, Q	M/d	3.70	4.05	3.83	3.71	3.71	3.73	3.74	3.75	3.76	3.77	3.79	3.81	3.83	3.85	3.88	3.89	3.92	3.94	3.97	3.99	4.02	4.01	3.99	3.98	3.96	3.94	3.92	3.91	
8.18	Input			M/d																													
8.19	Input			M/d																													
8.20	Input			M/d																													

Company: Thames Water

Resource Zone Name: SWA

Resource Zone Number: 5 of 6

Planning Scenario Name: Dry Year Annual Average

Chosen Level of Service: Company Preferred Level of Service

