

## 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 sheet

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

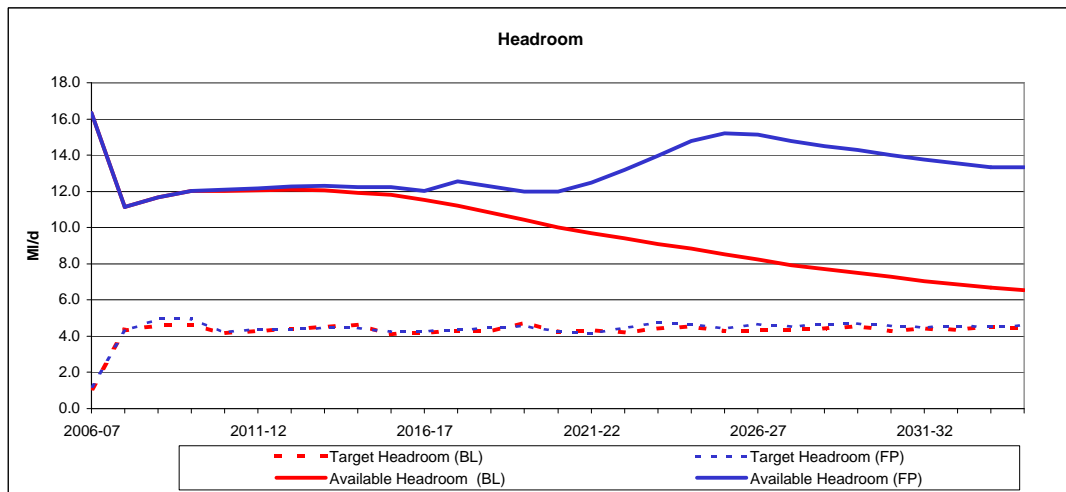
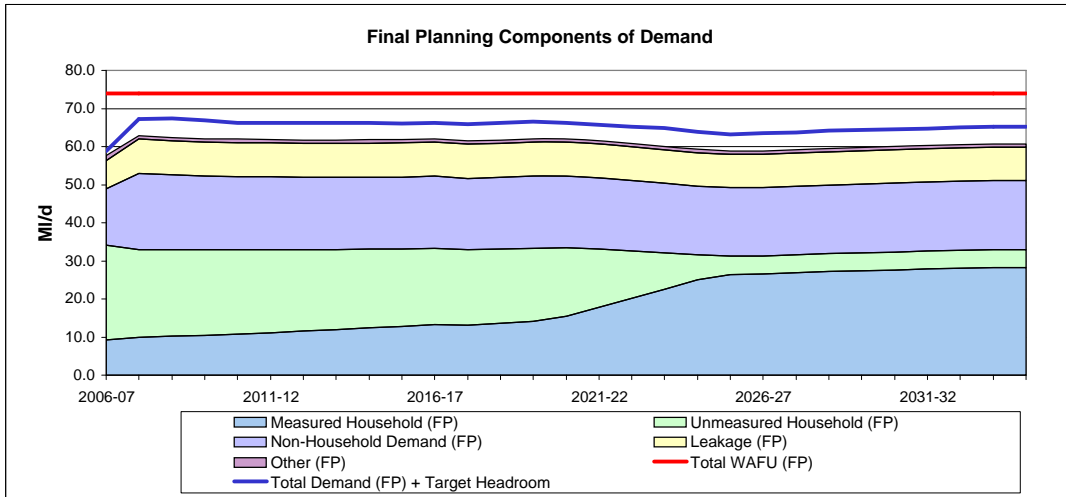
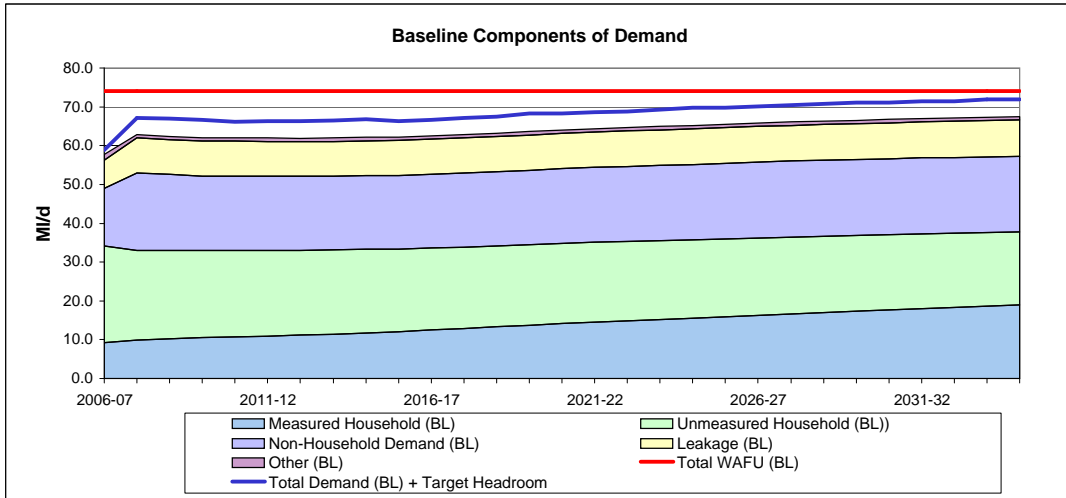
Responsible Officer: Brian Connorton Signed: \_\_\_\_\_ Dated: \_\_\_\_\_

Version: Revised dWRMP  
 \* delete as appropriate

### Workbook contents

Summary	Summary graphs of WRP tables input data	<a href="#">Summary</a>
WRP1-BL	Baseline supply-demand components	<a href="#">WRP1-BL</a>
WRP1a-BL	Baseline WRP1 supporting transfer and DO reductions data	<a href="#">WRP1a-BL</a>
WRP2	Feasible list of water management options	<a href="#">WRP2</a>
WRP3	Preferred list of water management options	<a href="#">WRP3</a>
WRP4-FP	Final planning supply-demand components	<a href="#">WRP4-FP</a>
WRP4a-FP	Final planning WRP4 supporting transfer and DO reductions data	<a href="#">WRP4a-FP</a>
WRP5	Baseline resource zone deployable output reconciliation	<a href="#">WRP5</a>
WRP6	Baseline breakdown of measured households	<a href="#">WRP6-BL</a>
WRP6a	Final planning breakdown of measured households	<a href="#">WRP6a-FP</a>
WRP7	Baseline household micro-component consumption	<a href="#">WRP7</a>
WRP7a	Final planning household micro-component consumption	<a href="#">WRP7a</a>
WRP8	Baseline non-household sector consumption	<a href="#">WRP8</a>
WRP9	Normal year supply-demand components	<a href="#">WRP9</a>

Summary graphs of WRP tables input data



Company:	<u>Thames Water</u>
Resource Zone Name	<u>Guildford</u>
Resource Zone Number:	<u>6 of 6</u>
Planning Scenario Name:	<u>Dry Year Critical Period</u>
Chosen Level of Service:	<u>Company Preferred Level of Service</u>

**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>in</sub>	Input	Deployable Output (Specify individual Source Yields on Table WRP5)	Mld	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70	76.70
2 <sub>in</sub>	WRP1a-BL 2a <sub>in</sub>	Reductions in Deployable Output	Mld	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3 <sub>in</sub>	Input	Outage Allowance	Mld	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
4 <sub>in</sub>	9 <sub>in</sub> +11 <sub>in</sub>	Process Losses	Mld	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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>in</sub>	1 <sub>in</sub> -(2 <sub>in</sub> +3 <sub>in</sub> +4 <sub>in</sub> )	Water Available For Use (own sources)	Mld	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	76.32	
<b>RAW WATER BASELINE</b>																																	
6 <sub>in</sub>	Input	Raw Water Abstracted	Mld	64.49	68.10	67.56	67.18	67.18	67.14	67.10	67.14	67.30	67.39	67.68	68.03	68.43	68.84	69.27	69.63	69.92	70.23	70.51	70.82	71.11	71.45	71.68	71.89	72.12	72.38	72.56	72.74	72.90	
7 <sub>in</sub>	WRP1a-BL 7a <sub>in</sub>	Raw Water Exported (existing)	Mld	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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>in</sub>	WRP1a-BL 8a <sub>in</sub>	Raw Water Imported (existing)	Mld	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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>in</sub>	Input	Raw Water Losses and Operational Use	Mld	0.45	0.29	0.29	0.29	0.29	0.29	0.29	0.29	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	0.31	0.31	0.31	0.31	0.31	0.31	0.31		
10 <sub>in</sub>	WRP1a-BL 10a <sub>in</sub>	Non Potable Supplies (existing)	Mld	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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>in</sub>	Input	Treatment Works Losses and Operational Use	Mld	4.07	2.62	2.60	2.59	2.59	2.59	2.58	2.59	2.59	2.59	2.61	2.62	2.63	2.65	2.67	2.68	2.69	2.70	2.71	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.79	2.80	2.81	
12 <sub>in</sub>	WRP1a-BL 12a <sub>in</sub>	Potable Water Exported	Mld	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30		
13 <sub>in</sub>	WRP1a-BL 13a <sub>in</sub>	Potable Water Imported	Mld	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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>in</sub>	Input	Distribution Input	Mld	57.67	62.89	62.37	62.00	62.00	61.97	61.93	62.12	62.21	62.48	62.82	63.20	63.60	64.01	64.35	64.62	64.92	65.19	65.49	65.77	66.09	66.32	66.52	66.74	66.98	67.16	67.32	67.48		
15 <sub>in</sub>	Input	Distribution Losses	Mld	5.24	6.43	6.40	6.41	6.41	6.40	6.40	6.40	6.40	6.41	6.42	6.43	6.44	6.47	6.52	6.57	6.62	6.66	6.68	6.68	6.69	6.70	6.71	6.72	6.73	6.74	6.75	6.76		
16 <sub>in</sub>	Input	Distribution System Operational Use	Mld	0.67	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	
17 <sub>in</sub>	14 <sub>in</sub> -15 <sub>in</sub> -16 <sub>in</sub>	Water Delivered	Mld	51.76	56.27	55.77	55.41	55.39	55.37	55.33	55.63	55.61	55.88	56.20	56.58	56.96	57.34	57.63	57.86	58.11	58.34	58.62	58.89	59.21	59.43	59.63	59.84	60.08	60.25	60.41	60.56		
<b>POTABLE WATER CUSTOMER USE BASELINE</b>																																	
18 <sub>in</sub>	Input	Unmeasured Household - Population	000s	90.084	86.609	85.729	84.900	84.415	83.873	83.182	82.476	81.858	81.050	80.578	80.071	79.621	79.156	78.670	78.102	77.443	76.856	76.232	75.676	75.006	74.352	73.590	72.881	72.162	71.474	70.695	69.904	69.108	
19 <sub>in</sub>	Input	Unmeasured Household - Properties	000s	36.325	35.360	34.901	34.478	34.092	33.742	33.392	33.042	32.692	32.342	31.992	31.642	31.292	30.942	30.592	30.242	29.892	29.542	29.192	28.842	28.492	28.142	27.792	27.442	27.092	26.742	26.392	26.042	25.692	
20 <sub>in</sub>	18 <sub>in</sub> /19 <sub>in</sub>	Unmeasured Household - Occupancy Rate	h/hr	2.48	2.46	2.46	2.46	2.48	2.49	2.50	2.52	2.53	2.54	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73		
21 <sub>in</sub>	WRP6-6.1 <sub>in</sub>	Measured Household - Population	000s	40.857	44.979	46.543	47.827	49.185	50.214	51.279	52.637	54.282	56.881	57.810	59.718	61.647	63.607	65.595	67.351	68.835	70.321	71.748	73.229	74.761	76.489	77.981	79.353	80.906	82.583	84.085	85.670		
22 <sub>in</sub>	WRP6-6.2 <sub>in</sub>	Measured Household - Properties	000s	19.426	20.350	21.119	21.840	22.511	23.059	23.660	24.393	25.225	26.094	27.007	27.920	28.822	29.740	30.675	31.540	32.325	33.085	33.835	34.582	35.399	36.295	37.143	37.920	38.763	39.673	40.464	41.242		
23 <sub>in</sub>	21 <sub>in</sub> /22 <sub>in</sub>	Measured Household - Occupancy Rate	h/hr	2.10	2.21	2.20	2.19	2.18	2.18	2.17	2.16	2.15	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.13	2.13	2.12	2.12	2.11	2.11	2.10	2.09	2.09	2.08	2.08			
24 <sub>in</sub>	Input	Unmeasured Non Household - Population	000s	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>in</sub>	Input	Unmeasured Non Household - Properties	000s	0.254	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316	0.316		
26 <sub>in</sub>	Input	Measured Non Household - Population	000s	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959	10.959		
27 <sub>in</sub>	Input	Measured Non Household - Properties	000s	3.909	4.169	4.215	4.261	4.307	4.352	4.398	4.444	4.490	4.536	4.582	4.627	4.673	4.719	4.765	4.811	4.857	4.903	4.948	4.994	5.040	5.086	5.132	5.178	5.223	5.269	5.315	5.361		
28 <sub>in</sub>	18 <sub>in</sub> +21 <sub>in</sub> +24 <sub>in</sub> +26 <sub>in</sub>	Total Population	000s	141.532	142.547	143.232	143.687	144.559	145.046	145.419	146.072	147.100	147.891	149.347	150.748	152.227	153.722	155.224	156.411	157.237	158.136	158.939	159.864	160.727	161.800	162.530	163.193	164.028	165.017	166.534			
29 <sub>in</sub>	Input	Void Households	000s	0.794	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850			
30 <sub>in</sub>	Input	Void Non Households	000s	0.526	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431			
30.1 <sub>in</sub>	22 <sub>in</sub> /(22 <sub>in</sub> +19 <sub>in</sub> )	Total Household Metering penetration (excl. voids)	%	35%	37%	38%	39%	40%	41%	41%	42%	44%	45%	46%	47%	48%	49%	50%	51%	52%	53%	54%	55%	55%	56%	57%	58%	59%	60%	61%	62%		
30.2 <sub>in</sub>	22 <sub>in</sub> /(22 <sub>in</sub> +19 <sub>in</sub> +29 <sub>in</sub> )	Total Household Metering penetration (incl. voids)	%	34%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%	46%	47%	48%	49%	50%	51%	52%	53%	54%	55%	56%	57%	58%	59%	60%	61%	61%		
31 <sub>in</sub>	19 <sub>in</sub> +22 <sub>in</sub> +25 <sub>in</sub> +27 <sub>in</sub> +29 <sub>in</sub> +30 <sub>in</sub>	Total Properties	000s	61.233	61.476	61.833	62.176	62.507	62.750	63.048	63.475	64.003	64.568	65.177	65.786	66.384	66.998	67.629	68.190	68.670	69.126	69.572	70.015	70.527	71.120	71.663							

**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	2007-08	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	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 <sub>BL</sub>	Input as appropriate	Reductions in Baseline Deployable Output: Total here and specify below	Mld	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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>Climate change</i>	Mld	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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>Sustainability Reduction</i>	Mld	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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>	Mld	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
			Mld																																	
			Mld																																	
7a <sub>BL</sub>	Input as appropriate	Baseline Raw Water Exported (existing). Total here and specify below	Mld	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	Mld																																	
		to	Mld																																	
		to	Mld																																	
8a <sub>BL</sub>	Input as appropriate	Baseline Raw Water Imported (existing). Total here and specify below	Mld	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	Mld																																	
		from	Mld																																	
		from	Mld																																	
10a <sub>BL</sub>	Input as appropriate	Baseline Non Potable Supplies (existing). Total here and specify below	Mld	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	Mld																																	
		to	Mld																																	
		to	Mld																																	
12a <sub>BL</sub>	Input as appropriate	Baseline Potable Water Exported. Total here and specify below	Mld	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30		
		to Three Valleys Water Co (Ext)	Mld	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	
		to	Mld																																	
		to	Mld																																	
		to	Mld																																	
13a <sub>BL</sub>	Input as appropriate	Baseline Potable Water Imported. Total here and specify below	Mld	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 South East Water (Ext)	Mld	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	Mld																																	
		from	Mld																																	
		from	Mld																																	
		from	Mld																																	

Company:	<u>Thames Water</u>
Resource Zone Name:	<u>Guildford</u>
Resource Zone Number:	<u>6 of 6</u>
Planning Scenario Name:	<u>Dry Year Critical Period</u>
Chosen Level of Service:	<u>Company Preferred Level of Service</u>

**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 <i>(Insert / delete non-numbered lines to suit)</i>	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)		6.47	2010/11	30510.04	7252.74	1602.49	-1178.67	231.43	9086.67	25.16	25.92
		Targetted compulsory metering (New Powers)		6.47	2010/11	30510.04	4910.48	1335.41	-1178.67	231.43	6477.33	16.61	17.37
		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)		0.17	2010/11	1014.69	3252.30	377.70	-21.06	231.43	3861.43	355.67	378.48
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....											
		Mousehill and Rodborough	PR09 GUI 01	0.18	2011	1416.84	234.08	0.00	0.00	223.77	457.85	16.52	32.32
		ASR - Guildford (Abbotswood)	PR09 GUI 02	4.5	2015	35421.08	11049.45	3968.02	0.00	447.06	15464.53	42.40	43.66

Company:	<u>Thames Water</u>
Resource Zone Name	<u>Guildford</u>
Resource Zone Number:	<u>6</u> of <u>6</u>
Planning Scenario Name:	<u>Dry Year Critical Period</u>
Chosen Level of Service:	<u>Company Preferred Level of Service</u>

Table WRP3: Preferred list of water management options

ROW Ref.	DERIVATION	OPTION DESCRIPTION <i>(Insert / delete non-numbered lines to suit)</i>	OPTION REFERENCE No.	PLANNED GAINS IN WAFU OR SAVINGS IN DEMAND (M <sup>3</sup> ) - TO BE COMPLETED FOR ALL PREFERRED OPTIONS <i>(WAFU gains for each year are individual year gains and not cumulative gain)</i>																													
				Scenario Year	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
58	Input as appropriate	Customer Side Management, Specify Below....		0.00	0.00	0.00	0.00	0.05	0.06	0.06	0.07	0.06	0.06	0.06	0.83	0.09	0.09	0.33	0.78	0.88	0.93	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Targetted compulsory metering and sophisticated tariffs		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.07	0.07	0.02	0.02	0.02	0.02	0.02	0.00	0.09	0.09	0.09	0.09	0.02	
		Enhanced water efficiency		0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Optant metering (Included in Baseline)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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....		0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.03	0.04	0.05	0.06	0.03	0.00	0.02	0.00	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11		
		ALC		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.08	0.08	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		C.S.L 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	0.00	0.00	0.00	0.00	0.00	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....																															
<b>SUMMARY of WAFU GAINS</b>																																	
62	Sum of 58	Total customer side management gains		0.00	0.00	0.00	0.00	0.06	0.06	0.07	0.07	0.07	0.06	0.07	0.84	0.09	0.09	0.41	0.86	0.96	1.00	1.01	0.02	0.02	0.02	0.02	0.00	0.09	0.09	0.09	0.09	0.02	
63	Sum of 59	Total distribution side management gains		0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.02	0.02	0.04	0.04	0.05	0.06	0.07	0.08	0.10	0.08	0.10	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	
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: Guildford

Resource Zone Number: 6 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 (MI/d)	Critical period deployable output (MI/d)	Annual licenced quantity (MI/d)	Constraint	Length of record assessed (Years)	Critical event (Year)
5.1	Input	28/39/30/0092B	Ladymead*	GW		13.00	13.64	L	1992-2007	
5.2	Input	28/39/30/0092C	Dapdune*	GW		12.00	13.64	L	1992-2003	
5.3	Input	28/39/30/0092A	Millmead* (Licence Aggregated with Ladymead, Dapdune, and Millmead)	GW		4.50	4.55	L	1906-2005	
5.4	Input	28/39/30/0088	Netley Mill	GW		5.70	5.68	L	1962-1997	
5.5	Input	28/39/30/0289A	Blackheath Lane* (Disused)	GW		0.00	6.82	Disused	1964	
5.6	Input	28/39/30/0289B	Brook*	GW		2.30	**	L	1964-1997	
5.7	Input	28/39/30/0289C	Cotterells Farm*	GW		1.90	**	L	1964-1997	
5.8	Input	28/39/30/0289D	Shere Heath* (licence aggregated with Blackheath Lane, Brook, Cotterells Farm and Shere Heath)	GW		2.20	**	L	1965-1997	
5.9	Input	28/39/30/0089	Mousehill & *	GW		4.10	6.82		1992-2006	
5.10	Input	28/39/30/0089	Rodborough * (Licence aggregated with Mousehill)	GW		2.70	**	L	1978-2003	
5.11	Input	28/39/30/0086	Sturt Road	GW		1.90	2.83	GWL	1990-2006	1992
5.12	Input	28/39/30/0319	Shalford	SW		26.40	30.00		1954-2007	1956
5.13	Input									
5.14	Input									
5.15	Input									
5.16	Input		* Licenced volume or DO aggregated with another source							
5.17	Input		** Aggregated with the source value above it							
5.18	Input									
5.19	Input		L = Licence							
5.20	Input		Q = Quality							
5.21	Input		P = Pump Size or Depth							
5.22	Input		GWL = Low Groundwater Levels							
5.23	Input		B = Borehole depth or restriction							
5.24	Input		T = Treatment							
5.25	Input		RWL = Rest Water Level							
5.26	Input		PWL = Pumping Water Level							
5.27	Input									
5.28	Input									
5.29	Input									
5.30	Sum (5.1-6.40) Total reconciled DO				0.00	76.70	83.98			

Company:	<u>Thames Water</u>
Resource Zone Name	<u>Guildford</u>
Resource Zone Number:	<u>6 of 6</u>
Planning Scenario Name:	<u>Dry Year Critical Period</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	2007-08 to 2034-35																												
					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>TL</sub>	6.5 <sub>TL</sub> +6.9 <sub>TL</sub> +6.13 <sub>TL</sub> +6.17 <sub>TL</sub> +6.21 <sub>TL</sub> +6.25 <sub>TL</sub>	Total	Population	000's	40.86	44.98	46.54	47.83	49.18	50.21	51.28	52.64	54.28	55.88	57.81	59.72	61.65	63.61	65.59	67.35	68.83	70.32	71.75	73.23	74.76	76.49	77.98	79.35	80.91	82.58	84.09	85.67	87.26
6.2 <sub>TL</sub>	6.6 <sub>TL</sub> +6.10 <sub>TL</sub> +6.14 <sub>TL</sub> +6.18 <sub>TL</sub> +6.22 <sub>TL</sub> +6.26 <sub>TL</sub>	Total	Properties	000's	19.43	20.35	21.12	21.84	22.51	23.06	23.66	24.39	25.22	26.09	27.01	27.92	28.82	29.74	30.68	31.54	32.32	33.08	33.84	34.58	35.40	36.30	37.14	37.92	38.78	39.67	40.46	41.24	42.03
6.3 <sub>TL</sub>	6.1 <sub>TL</sub> /6.2 <sub>TL</sub>	Total	Occupancy	h/prop	2.10	2.21	2.20	2.19	2.18	2.18	2.17	2.16	2.15	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.13	2.13	2.12	2.12	2.11	2.11	2.10	2.09	2.09	2.08	2.08	2.08	2.08
6.5 <sub>TL</sub>	Input	Meter optants	Population	000's		0.58	1.25	1.86	2.42	2.97	3.52	4.07	4.61	5.17	5.72	6.28	6.84	7.40	7.95	8.50	9.05	9.59	10.14	10.68	11.21	11.73	12.25	12.78	13.43	14.10	14.78	15.33	
6.6 <sub>TL</sub>	Input	Meter optants	Properties	000's		0.37	0.79	1.18	1.53	1.88	2.23	2.58	2.93	3.28	3.63	3.98	4.33	4.68	5.03	5.38	5.73	6.08	6.43	6.78	7.13	7.48	7.83	8.18	8.53	8.88	9.23	9.58	
6.7 <sub>TL</sub>	6.5 <sub>TL</sub> /6.6 <sub>TL</sub>	Meter optants	Occupancy	h/prop	#DIV/0!	#DIV/0!	1.59	1.58	1.59	1.59	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.57	1.57	1.57	1.56	1.56	1.59	1.60	1.60	
6.8 <sub>TL</sub>	Input	Meter optants	pcc	h/rd		157.23	157.12	156.79	156.54	156.33	156.37	156.38	156.65	156.78	157.21	157.73	158.32	159.06	159.86	160.93	161.96	162.99	164.08	164.41	164.86	165.28	165.60	166.58	166.08	165.59	165.12	165.22	
6.9 <sub>TL</sub>	Input	New properties	Population	000's		0.95	1.65	2.33	2.80	3.38	4.28	5.41	6.61	7.93	9.26	10.57	11.92	13.31	14.52	15.52	16.48	17.40	18.33	19.40	20.65	21.75	22.70	23.84	25.00	25.96	26.91	27.93	
6.10 <sub>TL</sub>	Input	New properties	Properties	000's		0.40	0.70	0.99	1.18	1.44	1.82	2.30	2.82	3.38	3.95	4.50	5.07	5.65	6.17	6.60	7.01	7.41	7.81	8.27	8.82	9.32	9.74	10.26	10.80	11.24	11.67	12.10	
6.11 <sub>TL</sub>	6.9 <sub>TL</sub> /6.10 <sub>TL</sub>	New properties	Occupancy	h/prop	#DIV/0!	#DIV/0!	2.36	2.36	2.36	2.36	2.36	2.35	2.34	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.34	2.34	2.33	2.32	2.31	2.31	2.31		
6.12 <sub>TL</sub>	Input	New properties	pcc	h/rd		144.96	144.89	143.91	142.98	141.73	140.15	138.32	136.76	135.56	134.99	134.74	134.67	134.81	135.14	136.81	138.47	138.47	137.21	137.26	137.35	137.48	137.58	137.48	137.51	137.19	137.64	138.00	
6.13 <sub>TL</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		
6.14 <sub>TL</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		
6.15 <sub>TL</sub>	6.13 <sub>TL</sub> /6.14 <sub>TL</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!		
6.16 <sub>TL</sub>	Input	Metering on change of occupancy	pcc	h/rd		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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>TL</sub>	Input	Selective metering	Population	000's																													
6.18 <sub>TL</sub>	Input	Selective metering	Properties	000's																													
6.19 <sub>TL</sub>	6.17 <sub>TL</sub> /6.18 <sub>TL</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!		
6.20 <sub>TL</sub>	Input	Selective metering	pcc	h/rd																													
6.21 <sub>TL</sub>	Input	Compulsory metering	Population	000's																													
6.22 <sub>TL</sub>	Input	Compulsory metering	Properties	000's																													
6.23 <sub>TL</sub>	6.21 <sub>TL</sub> /6.22 <sub>TL</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!		
6.24 <sub>TL</sub>	Input	Compulsory metering	pcc	h/rd																													
6.25 <sub>TL</sub>	Input	Existing Metering	Population	000's	40.86	44.98	45.01	44.92	44.99	45.00	44.92	44.84	44.81	44.67	44.71	44.74	44.80	44.85	44.89	44.88	44.82	44.80	44.76	44.76	44.69	44.63	44.50	44.40	44.29	44.14	44.03	43.97	44.00
6.26 <sub>TL</sub>	Input	Existing Metering	Properties	000's	19.43	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	
6.27 <sub>TL</sub>	6.25 <sub>TL</sub> /6.26 <sub>TL</sub>	Existing Metering	Occupancy	h/prop	2.10	2.21	2.21	2.21	2.21	2.21	2.21	2.20	2.20	2.19	2.20	2.20	2.20	2.20	2.21	2.21	2.20	2.20	2.20	2.20	2.19	2.19	2.18	2.18	2.17	2.16	2.16	2.16	
6.28 <sub>TL</sub>	Input	Existing Metering	pcc	h/rd	0.00	160.33	160.64	160.51	160.35	160.23	160.30	160.51	160.76	161.17	161.43	161.88	162.36	162.90	163.53	164.28	165.13	165.85	166.83	167.47	168.68	169.89	171.16	172.21	172.89	173.77	174.45	174.46	174.10

Company:	Thames Water
Resource Zone Name	Guildford
Resource Zone Number:	6 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	2007-08 to 2034-35																												
					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	40.86	44.98	46.54	47.83	49.52	51.21	52.92	54.91	57.15	59.31	61.79	64.23	66.68	69.14	76.36	88.11	99.79	111.84	124.24	131.11	132.00	133.10	133.88	134.58	135.46	136.48	137.24	138.05	138.87
6.2 <sub>pp</sub>	6.5 <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	19.43	20.35	21.12	21.84	22.66	23.50	24.39	25.40	26.49	27.60	28.74	29.87	30.97	32.08	35.14	40.08	44.93	49.74	54.52	57.11	57.57	58.12	58.62	59.04	59.56	60.10	60.54	60.97	61.40
6.3 <sub>pp</sub>	6.1 <sub>pp</sub> /6.2 <sub>pp</sub>	Total	Occupancy	h/prop	2.10	2.21	2.20	2.19	2.19	2.18	2.17	2.16	2.16	2.15	2.15	2.15	2.15	2.16	2.17	2.20	2.22	2.25	2.28	2.30	2.29	2.29	2.28	2.28	2.27	2.27	2.27	2.26	2.26
6.5 <sub>pp</sub>	Input	Meter optants	Population	000's		0.58	1.25	1.92	2.59	3.25	3.87	4.48	5.04	5.60	6.14	6.67	7.17	7.66	8.14	8.58	9.14	9.68	9.96	9.95	9.93	9.91	9.88	9.86	9.84	9.83	9.81	9.80	
6.6 <sub>pp</sub>	Input	Meter optants	Properties	000's		0.37	0.79	1.21	1.63	2.05	2.45	2.84	3.20	3.55	3.89	4.22	4.53	4.84	5.14	5.43	5.71	5.97	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10
6.7 <sub>pp</sub>	6.5 <sub>pp</sub> /6.6 <sub>pp</sub>	Meter optants	Occupancy	h/prop	#DIV/0!	#DIV/0!	1.59	1.58	1.59	1.59	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.60	1.62	1.63	1.63	1.62	1.62	1.62	1.61	1.61	1.61	1.61	
6.8 <sub>pp</sub>	Input	Meter optants	pcc	h/d		157.23	157.12	156.64	156.43	156.27	156.31	156.31	156.55	156.64	149.15	149.54	149.98	150.48	150.96	151.67	151.65	151.61	151.92	152.22	152.64	153.04	153.33	154.29	154.40	154.47	154.52	154.60	
6.9 <sub>pp</sub>	Input	New properties	Population	000's		0.95	1.65	2.33	2.80	3.38	4.28	5.41	6.61	7.93	9.26	10.57	11.92	13.31	14.52	15.50	16.46	17.38	18.26	19.33	20.58	21.67	22.62	23.76	24.96	25.93	26.89	27.86	
6.10 <sub>pp</sub>	Input	New properties	Properties	000's		0.40	0.70	0.99	1.18	1.44	1.82	2.30	2.82	3.38	3.95	4.50	5.07	5.65	6.17	6.60	7.01	7.41	7.81	8.27	8.82	9.32	9.74	10.28	10.80	11.24	11.67	12.10	
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	2.36	2.36	2.36	2.36	2.35	2.34	2.35	2.35	2.35	2.35	2.36	2.36	2.35	2.35	2.35	2.35	2.34	2.34	2.33	2.32	2.32	2.31	2.31	2.30	2.30	
6.12 <sub>pp</sub>	Input	New properties	pcc	h/d		144.96	144.89	143.80	142.91	141.72	140.17	138.35	136.80	135.58	128.24	127.93	127.78	127.75	127.82	128.20	128.56	128.26	128.84	128.87	128.96	129.07	129.14	129.04	128.87	128.75	129.16	129.58	
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!	
6.16 <sub>pp</sub>	Input	Metering on change off occupancy	pcc	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!	
6.20 <sub>pp</sub>	Input	Selective metering	pcc	h/d																													
6.21 <sub>pp</sub>	Input	Compulsory metering	Population	000's			0.27	0.82	1.37	1.91	2.46	3.00	3.54	4.09	4.64	5.19	10.50	20.56	30.93	41.50	52.45	58.29	58.20	58.12	57.98	57.83	57.70	57.60	57.40	57.42	57.34		
6.22 <sub>pp</sub>	Input	Compulsory metering	Properties	000's			0.11	0.34	0.56	0.78	1.01	1.23	1.46	1.68	1.91	2.13	4.30	8.42	12.55	16.67	20.79	22.85	22.85	22.85	22.85	22.85	22.85	22.85	22.85	22.85	22.85	22.85	
6.23 <sub>pp</sub>	6.21 <sub>pp</sub> /6.22 <sub>pp</sub>	Compulsory metering	Occupancy	h/prop	#DIV/0!	#DIV/0!	2.45	2.45	2.44	2.44	2.44	2.43	2.43	2.43	2.44	2.44	2.44	2.47	2.49	2.52	2.55	2.55	2.54	2.54	2.53	2.52	2.52	2.52	2.51	2.51	2.51		
6.24 <sub>pp</sub>	Input	Compulsory metering	pcc	h/d			164.96	164.58	164.25	163.94	163.64	163.44	163.23	155.08	155.16	155.28	154.62	155.14	155.20	155.93	154.95	155.14	156.84	159.08	159.63	160.19	160.73	161.28	161.86	162.45	163.05		
6.25 <sub>pp</sub>	Input	Existing Metering	Population	000's	40.86	44.98	45.01	44.92	44.99	45.00	44.92	44.84	44.81	44.67	44.71	44.74	44.80	44.85	44.89	44.89	44.77	44.75	44.72	44.60	44.53	44.47	44.34	44.25	44.15	44.07	43.99	43.93	43.88
6.26 <sub>pp</sub>	Input	Existing Metering	Properties	000's	19.43	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	20.35	
6.27 <sub>pp</sub>	6.25 <sub>pp</sub> /6.26 <sub>pp</sub>	Existing Metering	Occupancy	h/prop	2.10	2.21	2.21	2.21	2.21	2.21	2.20	2.20	2.19	2.20	2.20	2.20	2.20	2.21	2.21	2.20	2.20	2.20	2.19	2.19	2.19	2.18	2.17	2.17	2.16	2.16	2.16		
6.28 <sub>pp</sub>	Input	Existing Metering	pcc	h/d	0.00	160.33	160.64	160.51	160.13	159.89	159.98	159.98	160.11	160.40	160.49	152.70	152.90	153.12	152.12	149.58	147.09	143.62	141.60	140.13	139.76	138.62	140.09	141.25	142.09	142.77	143.37	143.29	143.06

Company: Thames Water

Resource Zone Name: Guildford

Resource Zone Number: 6 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	M/d																															
8.2	Input	Extraction of metals, minerals and energy producing materials	B5, B6, B7, B8, B9	M/d																															
8.3	Input	Food and drink (manufacture)	C10, C11, C12	M/d																															
8.4	Input	Textile, fur and leather (manufacture)	C13, C14, C15	M/d																															
8.5	Input	Other manufacturing	C16, C26, C27, C31, C32, C33	M/d																															
8.6	Input	Paper (manufacture)	C17, C18	M/d																															
8.7	Input	Fuel refining	C19	M/d																															
8.8	Input	Chemicals, rubbers, plastics and man-made material (manufacture)	C20, C21, C22	M/d																															
8.9	Input	Manufacture of non-metallic minerals	C23	M/d																															
8.10	Input	Manufacture of basic metals, fabricated metal products and	C24, C25, C28, C29	M/d																															
8.11	Input	Transportation and manufacture of transport equipment	C30, H49, H50, H51, H52, H53	M/d																															
8.12	Input	Electricity, gas and water supplies	D35, E36, E37, E38, E39	M/d																															
8.13	Input	Construction	F41, F42, F43	M/d																															
8.14	Input	Wholesale and retail	G45, G46, G47	M/d																															
8.15	Input	Hotels, bars and restaurants	I55, I56	M/d																															
8.16	Input	Other services	J, K, L, M, N, O, R, S, T, U	M/d																															
8.17	Input	Education and Health	P, Q	M/d																															
8.18	Input			M/d																															
8.19	Input			M/d																															
8.20	Input			M/d																															

Company:	<u>Thames Water</u>
Resource Zone Name	<u>Guildford</u>
Resource Zone Number:	<u>6</u> of <u>6</u>
Planning Scenario Name:	<u>Dry Year Critical Period</u>
Chosen Level of Service:	<u>Company Preferred Level of Service</u>

