

## 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: London  
Resource Zone Number: 1 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

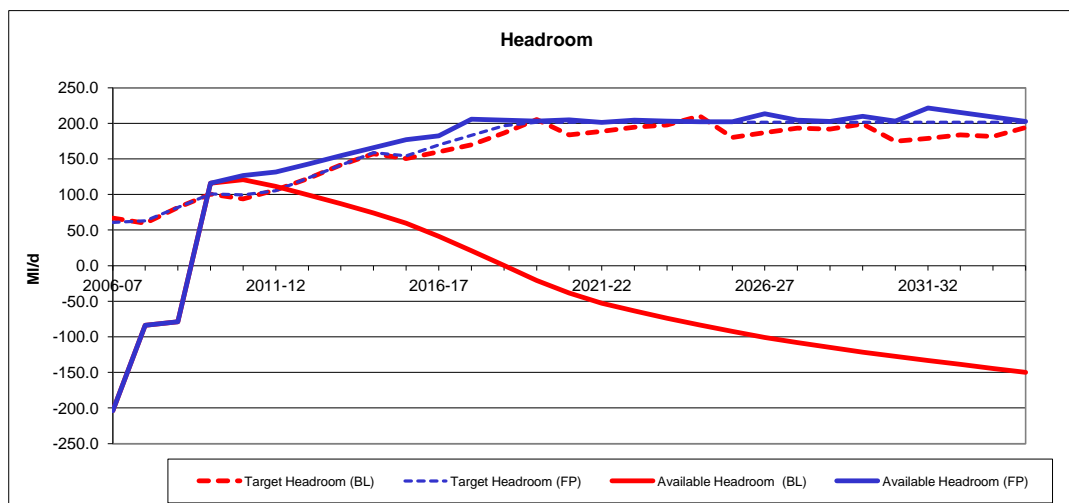
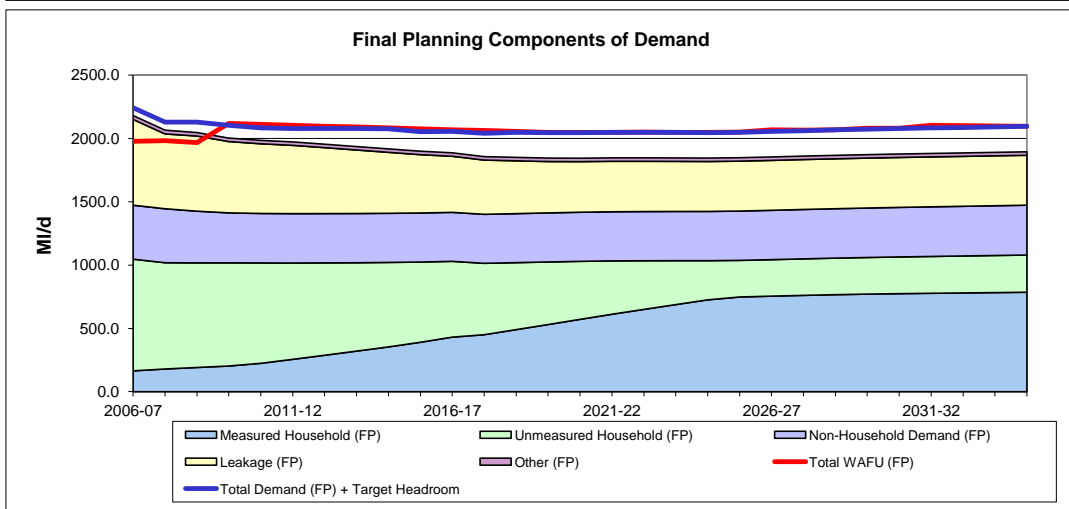
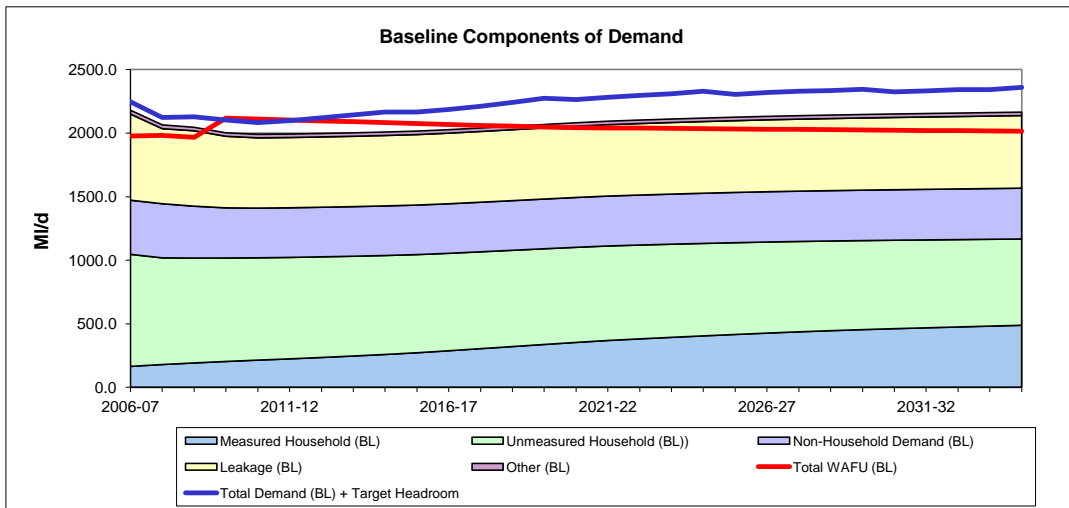
Version: **Draft Final WRMP**

\* delete as appropriate

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Company:	Thames Water
Resource Zone Name:	London
Resource Zone Number:	1 of 6
Planning Scenario Name:	Dry Year Annual Average
Chosen Level of Service:	Company Preferred Level of Service



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	2008-08	2009-09	2010-10	2011-11	2012-12	2013-13	2014-14	2015-15	2016-16	2017-17	2018-18	2019-19	2020-20	2021-21	2022-22	2023-23	2024-24	2025-25	2026-26	2027-27	2028-28	2029-29	2030-30	2031-31	2032-32	2033-33	2034-34	2034-35
				Year																													
2a <sub>BL</sub>	Input as appropriate	Reductions in Baseline Deployable Output. Total here and specify below	M/d	0.00	0.00	7.07	14.14	21.22	28.29	35.36	42.43	49.50	56.57	63.65	70.72	77.79	84.86	89.10	91.08	93.06	95.04	97.02	99.00	100.98	102.96	104.94	106.92	108.90	110.88	112.86	114.84	116.82	
		<i>Climate change</i>	M/d	0.00	0.00	7.07	14.14	21.22	28.29	35.36	42.43	49.50	56.57	63.65	70.72	77.79	84.86	89.10	91.08	93.06	95.04	97.02	99.00	100.98	102.96	104.94	106.92	108.90	110.88	112.86	114.84	116.82	
		<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		
		<i>Network Constraints</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		
			M/d																														
7a <sub>BL</sub>	Input as appropriate	Baseline Raw Water Exported (existing). Total here and specify below	M/d	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
		<i>To Essex &amp; Suffolk (Ext. in DO)</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		
		<i>To Three Valleys Water from TV (Ext)</i>	M/d	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
		<i>to</i>	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		
		<i>from</i>	M/d																														
		<i>from</i>	M/d																														
		<i>from</i>	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		
		<i>to</i>	M/d																														
		<i>to</i>	M/d																														
		<i>to</i>	M/d																														
12a <sub>BL</sub>	Input as appropriate	Baseline Potable Water Exported. Total here and specify below	M/d	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
		<i>to Three Valleys Water from LV (Ext)</i>	M/d	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
		<i>to Three Valleys Water (Ext)</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		
		<i>to Sutton &amp; East Surrey Water (Ext)</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		
		<i>to</i>	M/d																														
		<i>to</i>	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		
		<i>from</i>	M/d																														
		<i>from</i>	M/d																														
		<i>from</i>	M/d																														
		<i>from</i>	M/d																														

Company: Thames Water

Resource Zone Name: London

Resource Zone Number: 1 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-combined lines to suit)</i>	WATER MANAGEMENT OPTION COST AND SOLUTION - TO BE COMPLETED FOR ALL FEASIBLE OPTIONS														
			OPTION REFERENCE No.	WAFU ON FULL IMPLEMENTATION (M3)	EARLIEST POTENTIAL OPTION START DATE (YEARS)	NPV OF WAFU (£M)	CAPEX NPV (£000)	OPEX NPV (£000)	NPV OF OPEX SAVINGS (£000)	SOCIAL & ENV. NPV (£000)	TOTAL NPV (£000)	A/C (p/m³)	ABC (p/m³)				
54	Input as appropriate	Customer Side Management, Specify Below...															
		Change of Occupier (Company/Current Powers)		117.52	2010/11	654826.41	334505.74	48263.85	-18642.25	-12378.30	370411.29	55.46	53.57				
		Unchanged compulsory meters (New Powers)		117.52	2010/11	654826.41	234897.59	40236.54	-18642.25	-12378.30	262755.83	39.02	37.13				
		Enhanced water efficiency		10.71	2010/11	38511.57	0.00	57562.69	-1177.98	294.26	57656.95	146.41	147.17				
		Ordnance Metering (Included in Baseline)		8.04	2010/11	45919.81	130720.01	12465.70	434.59	10400.59	153586.30	310.43	333.08				
55	Input as appropriate	Distribution Side Management, Specify Below...															
		Leakage scheme (mains replacement, ALC, leakage projects)		177.17	2010/11	1073565.67	1094950.89	0.00	23466.18	-29464.48	1065496.41	104.18	101.44				
56	Input as appropriate	Production Side Management, Specify Below...															
57	Input as appropriate	Resource Management, Specify Below...															
		Northern New River 1	PR09_LON 01	1.76	2011	13853.58	2654.57	1432.28	0.00	41.67	4126.52	29.55	29.80				
		Northern LON 02	PR09_LON 02	133.5	2024	1050825.34	282148.14	1044.63	0.00	0.00	282192.77	26.95	26.95				
		Reservoir - Abingdon Phased (7Mm3 + 7Mm3) (P/L)	PR09_LON 03	1	2010	7871.36	471.04	1489.90	0.00	34.49	1995.42	24.91	25.35				
		ELSDP															
		Reservoir - Abingdon 150Mm3 (London)	PR09_LON 04	267	2021	2101650.69	658015.95	2037.73	0.00	-3694.89	658368.79	31.41	31.23				
		Reservoir - Abingdon 150Mm3 (3 zones London)	PR09_LON 05	240	2021	1889124.22	615669.67	2021.78	0.00	3630.13	621311.57	32.70	32.89				
		Reservoir - Abingdon 72Mm3 (London)	PR09_LON 06	133.5	2020	1050825.34	439258.73	1044.63	0.00	-25907.75	414401.60	41.90	39.44				
		AR - Kibroke	PR09_LON 08	5	2012	39356.75	17275.27	3762.79	0.00	695.20	21633.26	53.45	54.97				
		East Croxson	PR09_LON 09	1.5	2011	11807.03	3314.53	3641.07	0.00	81.91	7037.51	58.91	58.60				
		Reservoir - Abingdon Phased (7Mm3 + 7Mm3) (P/L)	PR09_LON 10	133.5	2020	1050825.34	494969.25	1044.63	0.00	1155.14	497169.03	47.20	47.31				
		Southpark	PR09_LON 11	1.48	2012	11649.60	2623.60	2354.37	0.00	205.00	5182.97	42.73	44.49				
		Combined - Abingdon Marsh Gibbon, Quainton 30	PR09_LON 12	190	2021	1495556.67	874831.63	3140.04	0.00	-16726.22	861245.35	58.71	57.59				
		AR - SLARS	PR09_LON 13	19	2014	149555.67	76881.51	20030.89	0.00	3509.38	100121.79	64.60	66.95				
		Esuary South Desalination 50 Mtd	PR09_LON 14	59	2014	393567.54	24321.40	152780.56	0.00	15322.97	411624.94	100.69	104.59				
		Long Reach Desalination (brackish GW)	PR09_LON 15	15	2013	118070.26	78381.84	8687.78	0.00	6304.97	149394.03	117.89	122.40				
		Deephams STW Reuse - 65 Mtd	PR09_LON 16	95	2015	747178.34	189258.38	160347.27	0.00	99895.54	479292.20	50.54	64.10				
		Deephams STW Reuse - 25 Mtd	PR09_LON 17	25	2013	156783.77	46737.75	88669.32	0.00	88732.19	224139.27	65.81	113.90				
		AR - Dagen Valley	PR09_LON 19	5	2013	39356.75	21642.08	2721.97	0.00	1011.57	25376.62	61.91	64.48				
		ASR - South East London	PR09_LON 21	1.5	2016	11807.03	9426.38	4084.48	0.00	741.41	14292.27	114.43	120.71				
		ASR - Darent Valley 2	PR09_LON 22	5	2015	39356.75	28217.01	1200.14	0.00	1073.07	28490.22	69.66	72.39				
		BSI Tanker/ Scotland	PR09_LON 23	200	2018	1574270.18	1728406.95	2942474.12	0.00	2432575.04	7103456.12	296.70	451.22				
		BSI Tanker/ Norway	PR09_LON 24	200	2018	1574270.18	1569316.79	3069137.82	0.00	2282929.62	6921384.23	294.64	439.66				
		ASR - Thames Valley/Thames Central	PR09_LON 25	1.5	2016	11807.03	11294.39	6972.08	0.00	479.85	18746.31	154.71	158.77				
		Northern Region Transfer - Option 2 (London)	PR09_LON 26	267	2020	2101650.69	859280.00	30329.20	0.00	24309.36	913918.56	42.33	43.49				
		ASR - Darent Valley 1	PR09_LON 27	1.5	2016	11807.03	17247.79	5501.32	0.00	1101.12	23850.23	192.67	202.00				
		BSI Bag/ Scotland	PR09_LON 28	250	2018	1967837.72	1167039.92	896622.08	0.00	274472.21	2338134.21	104.87	118.82				
		BSI Bag/ Norway	PR09_LON 29	250	2018	1967837.72	972215.99	960179.29	0.00	296548.54	2228943.81	98.20	113.27				
		Esuary South Desalination 150 Mtd	PR09_LON 30	150	2015	1180702.63	522652.12	389530.08	0.00	43904.69	956086.89	77.26	80.98				
		Beckton Reuse - 100 Mtd	PR09_LON 31	100	2015	787135.09	293586.78	203150.12	0.00	19729.30	469298.20	57.62	59.61				
		Crossness Reuse 100 Mtd	PR09_LON 32	100	2015	787135.09	364016.84	204180.89	0.00	17151.86	585369.53	73.19	74.37				
		Northern Region Transfer - Option 3	PR09_LON 34	300	2018	2361405.27	1598021.32	34291.63	0.00	33247.16	1665360.10	69.12	70.52				
		Northern Region Transfer - Option 4	PR09_LON 35	300	2015	2361405.27	1944868.61	146056.54	0.00	40209.60	2131124.76	89.55	90.25				
		ASR - South East London	PR09_LON 36	267	2022	2101650.69	743273.70	24826.71	0.00	19181.63	787282.04	36.55	37.46				
		Reservoir - Abingdon 120Mm3 (London)	PR09_LON 37	185	2020	1456199.92	587484.92	1483.58	0.00	-18665.69	570002.81	40.45	39.14				
		Esuary South Desalination 100 Mtd	PR09_LON 38	100	2015	787135.09	491970.01	280069.78	0.00	29556.89	801596.68	98.08	101.84				
		Beckton Reuse - 50 Mtd	PR09_LON 39	50	2015	393567.54	251896.68	109614.62	0.00	8643.71	370155.01	91.85	94.05				
		Beckton Reuse - 150 Mtd	PR09_LON 40	150	2015	1180702.63	373682.79	283612.58	0.00	16631.80	683927.17	56.52	57.93				
		Deephams 60	PR09_LON 41	60	2015	472281.05	177233.72	120598.15	0.00	93933.42	391765.29	63.06	62.95				
		Sewern Thames Transfer - Longdon Marsh (London) Case B	PR09_LON 42	185	2022	1456199.92	736794.52	18285.55	0.00	12408.45	767488.53	51.85	52.70				
		Reservoir - Abingdon 50Mm3 (London) Case A	PR09_LON 43	85	2018	663064.83	377400.70	580.17	0.00	-33084.63	344886.24	56.49	51.55				
		Reservoir - Abingdon 50Mm3 (London) Case B	PR09_LON 44	110	2018	865848.60	470749.53	1129.16	0.00	-86707.32	435171.38	54.50	50.26				
		Homeport B Option 3	PR09_LON 45	15	2017	118070.26	54336.55	17883.08	0.00	925.54	73145.45	61.17	61.95				
		Unsupervised 300Mtd	PR09_LON 46	71	2016	559665.91	269586.47	26315.56	0.00	11671.28	305441.25	52.84	54.12				
		Cotswold Canal (Base option)	PR09_LON 47	66	2017	519009.16	235002.22	1645.04	0.00	-15295.48	211422.78	43.63	40.70				
		Cotswold Canal (Alternative option)	PR09_LON 48	66	2017	519009.16	210794.89	1964.96	0.00	-15122.21	197627.64	49.95	38.04				
		Cotswold Canal (Full cost)	PR09_LON 49	66	2017	519009.16	28621.24	1646.04	0.00	-18484.58	268772.70	55.30	51.74				

Company: Thames Water

Resource Zone Name: London

Resource Zone Number: 1 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	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>FP</sub>	Input as appropriate	Reductions in Final Planning Deployable Output. Total here and specify below	M/d	0.00	0.00	7.07	14.14	21.22	28.29	35.36	42.43	49.50	56.57	63.65	70.72	77.79	84.86	89.10	91.08	93.06	95.04	97.02	99.00	100.98	102.96	104.94	106.92	108.90	110.88	112.86	114.84	116.82
		<i>Climate change</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	
		<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	
		<i>Network Constraints</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	
			M/d																													
			M/d																													
7a <sub>FP</sub>	Input as appropriate	Final Planning Raw Water Exported. Total here and specify below	M/d	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
		<i>To Essex &amp; Suffolk (Ext. In DO)</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	
		<i>To Three Valleys Water from TV (Ext)</i>	M/d	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
		<i>to</i>	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	
		<i>from</i>	M/d																													
		<i>from</i>	M/d																													
		<i>from</i>	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	
		<i>to</i>	M/d																													
		<i>to</i>	M/d																													
		<i>to</i>	M/d																													
12a <sub>FP</sub>	Input as appropriate	Final Planning Potable Water Exported. Total here and specify below	M/d	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
		<i>to Three Valleys Water from LV (Ext)</i>	M/d	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
		<i>to Three Valleys Water (Ext)</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	
		<i>to Sutton &amp; East Surrey Water (Ext)</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	
		<i>to</i>	M/d																													
		<i>to</i>	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	
		<i>from</i>	M/d																													
		<i>from</i>	M/d																													
		<i>from</i>	M/d																													
		<i>from</i>	M/d																													
		<i>from</i>	M/d																													

Company: Thames Water

Resource Zone Name: London

Resource Zone Number: 1 of 6

Planning Scenario Name: Dry Year Annual Average

Chosen Level of Service: Company Preferred Level of Service

Table WRPS: Baseline resource zone deployable output reconciliation

Row Ref	Derivation	Licence number	Source name	Source type (GW/SW/Res/Con; use)	Dry year deployable output (Mlg)	Critical period deployable output (Mlg)	Annual licenced quantity (Mld)	Constraint	Length of record assessed (Years)	Critical event (Year)
5.1	Input	28/38/1184	Enfield	SW			503.51			
5.2	Input	28/38/7039	New Gauge	SW			101.83			
5.3	Input	28/38/M/2	Lower Thames	SW			1818.40			
5.4	Input	28/39/43/0006	Addington	GW	5.76		7.37	B	1976-2007	2006 RWL 1976
5.5	Input	28/39/42/01	Barnesia	GW	6.9		7.00	A	1999-2006	
5.6	Input	28/38/42/063	Boston	GW	9.7		10.00	L	1992-2007	
5.7	Input	28/39/33/0006	Epsom - East St A *	GW	12.89		19.32	L/B	1976-2006	1997 RWL 1992
5.8	Input	28/39/33/0006	Epsom - East St B *	GW	0		0.00			
5.9	Input	28/39/33/0015	Langley Vale	GW	4.58		4.60	L/P	1972-2004	
5.10	Input	28/39/33/0012	NonSuch* (licence aggregated with Epsom East St, Langley Vale and Non Such)	GW	0		2.30	P	1976-2006	
5.11	Input	28/39/43/0016	Honor Oak	GW	1.7		3.18	B	1991-2007	1991 RWL 2002
5.12	Input	28/39/41/0039	Merton Abbey	GW	2.27		2.27	GW/L	1992-2007	2007 RWL 2002
5.13	Input	28/39/41/0071	Streatham	GW	5		5.00	L/GWL	1993-2007	
5.14	Input	28/39/41/0010	Surrey Street	GW	0		15.91	G/T	1976-1997	
5.15	Input	28/38/41/06	Brentwood Road	GW	15.95		15.91	T	2002-2007	
5.16	Input	28/39/41/0012	Waddon	GW	7.6		7.60	GW/L	1987-2006	1976 RWL 2002
5.17	Input	28/39/M/4	Surrey Street (E) M4 * (Emergency)	GW	**		**			
5.18	Input	28/39/M/4	Waddon (E) M4 * (Emergency)	GW	**		**			
5.19	Input	28/39/M/4	Addington (E) M4 * (Emergency)	GW	**		**			
5.20	Input	8/37/54/24	East Ham (E)	GW			Included in ELReD			
5.21	Input	28/38/09/0157	Waltham Abbey (Licenced under NLARS licence)	GW	12		0.00		1991-2007	
5.22	Input	28/39/39/207	Barnard Park (Lower New River Bth)	GW	2.5					2002
5.23	Input	28/39/39/201	New River Head (Lower New River Bth)	GW	3.5		3.46			2002
5.24	Input	28/39/39/208	Sudbury Wells (Lower New River Bth)	GW	1		1.30			2002
5.25	Input	8/37/54/58	ELReD - treated at East Ham	GW	15.7		22.80		1991-2007	2006 & 2007
5.26	Input	28/38/07/0034	Arnewell End	GW	3.8		5.46		1987-2008	1986 RWL 1992
5.27	Input	28/38/07/0035	Arnewell Hill	GW	13.64		13.64	L	1933-1999	
5.28	Input	28/38/07/0036	Arnewell Marsh	GW	20.5		20.46	B	1976-2006	1976 RWL 1992
5.29	Input	28/38/07/0037	Broadmead	GW	6.8		6.82	L	1987-2003	
5.30	Input	28/38/08/0170	Brookbourne	GW	12.73		12.73	P	1987-2006	1991 RWL 1992
5.31	Input	28/38/07/0038	Chadwell Spring	GW	0		Artesian	GW/L	1990-1996	1992
5.32	Input	28/38/08/0174	Hoddeston	GW	12.27		12.27	L/GWL	1976-1999	
5.33	Input	28/38/09/0157	Turford	GW	11.4		11.37		1987-2004	
5.34	Input	28/38/07/0042	Middlefield Road *	GW	3		3.00	L	1976-2006	
5.35	Input	28/38/07/0043	Rye Common *	GW	15		15.00	L	1966-2006	
5.36	Input	28/38/09/0157	Bethune Road	GW	0		0.00		1984-2007	
5.37	Input	28/38/09/0157	Bowes Road	GW	**		0.00		2002-2007	
5.38	Input	28/38/09/0157	Bush Hill Road	GW	**		0.00		1992-2007	
5.39	Input	28/38/09/0157	Capel Manor	GW	**				2006-2007	
5.40	Input	28/38/09/0157	Caterhatch Lane	GW	**				1993-2007	
5.41	Input	28/38/09/0157	Chesham South	GW	**				2006-2007	
5.42	Input	28/38/09/0157	Chesham Well (disused)	GW	**				2002-2007	
5.43	Input	28/38/09/0157	Chingford North	GW	**				2002-2007	
5.44	Input	28/38/09/0157	Chingford South	GW	**				1989-2007	
5.45	Input	28/38/09/0157	Coppemill Lane *	GW	**				1921-2007	
5.46	Input	28/38/09/0157	Esde Road	GW	**				1992-2007	
5.47	Input	28/38/09/0157	Esde Road West	GW	**				2002-2007	
5.48	Input	28/38/09/0157	Enfield Lock	GW	**				2006-2007	
5.49	Input	28/38/09/0157	Flanders Weir	GW	**				1976-2007	
5.50	Input	28/38/09/0157	Forest Road	GW	**				2002-2007	
5.51	Input	28/38/09/0157	Groveley	GW	**				1976-2007	
5.52	Input	28/38/09/0157	Green Lanes	GW	**				1984-2007	
5.53	Input	28/38/09/0157	Hazelwood Lane	GW	**				1992-2007	
5.54	Input	28/38/09/0157	Hillfield	GW	**				1988-2007	
5.55	Input	28/38/09/0157	Hoe Lane North	GW	**				1988-2007	
5.56	Input	28/38/09/0157	Hoe Lane South	GW	**				1992-2007	
5.57	Input	28/38/09/0157	Hornsey Flax Beds	GW	**				1993-2007	
5.58	Input	28/38/09/0157	Hornsey Gatehouse	GW	**				1992-2007	
5.59	Input	28/38/09/0157	Hornsey Slacks	GW	**				1992-2007	
5.60	Input	28/38/09/0157	King George East	GW	**				2002-2007	
5.61	Input	28/38/09/0157	King Georges PS	GW	**				1988-2007	
5.62	Input	28/38/09/0157	King George South	GW	**				2006-2007	
5.63	Input	28/38/09/0157	King Jim Ridge	GW	**				1993-2007	
5.64	Input	28/38/09/0157	Leah Bridge Road *	GW	**				1992-2007	
5.65	Input	28/38/09/0157	Lockwood Res. (Blackhorse Ln)	GW	**				1976-2007	
5.66	Input	28/38/09/0157	Lordshe Road	GW	**				1984-2007	
5.67	Input	28/38/09/0157	Lothair Road South	GW	**				1992-2007	
5.68	Input	28/38/09/0157	Lower Hall Lane (Chingfd Mill) *	GW	**				1982-2007	
5.69	Input	28/38/09/0157	Mylodon Road	GW	**				1992-2007	
5.70	Input	28/38/09/0157	Oakhouse Road	GW	**				1992-2007	
5.71	Input	28/38/09/0157	Park Well (disused)	GW	**				1982-2007	
5.72	Input	28/38/09/0157	Ponders End East	GW	**				1991-2007	
5.73	Input	28/38/09/0157	Ponders End West	GW	**				1991-2007	
5.74	Input	28/38/09/0157	Ranmore Marsh	GW	**				1991-2002	
5.75	Input	28/38/09/0157	Ridge Avenue (North)	GW	**				1984-2007	
5.76	Input	28/38/09/0157	Ridge Avenue (South)	GW	**		0		1972-2007	
5.77	Input	28/38/09/0157	Sewardstone Road	GW	**		0		1976-2007	
5.78	Input	28/38/09/0157	Southway Road	GW	**		0		1993-2007	
5.79	Input	28/38/09/0157	Station Road	GW	**		0		1992-2007	
5.80	Input	28/38/09/0157	Turkey Brook	GW	**		0		1985-2007	
5.81	Input	28/38/09/0157	Wareick Reservoir	GW	**		0		1976-2007	
5.82	Input	28/38/09/0157	Waterhall	GW	**		0		2002-2007	
5.83	Input	28/38/09/0157	Whitlington Road	GW	**		0		1992-2007	
5.84	Input	28/38/09/0157	William Girling Southeast	GW	**		0		2006-2007	
5.85	Input	28/38/09/0157	William Girling Southwest	GW	**		0		2006-2007	
5.86	Input	28/38/39/0202	Barrow Hill	GW	1.7		1.73	L	2002-2006	
5.87	Input	28/38/43/0047	Bell Green	GW	15.6		15.6	L	1994-2007	
5.88	Input	08/40/01/0130	Bexley	GW	31.8		31.78	L	1987-2006	
5.89	Input	08/40/01/0126	Crayford	GW	13.64		13.638	L	1948-2007	
5.90	Input	08/40/01/0133	Darenth	GW	20.3		20.911	B	1971-2006	
5.91	Input	08/40/01/0132	Dartford	GW	3.6		3.636	L	1976-1997	2006 RWL 1992
5.92	Input	28/39/43/0018	Deptford	GW	21		27.858	L	1991-2008	2006 RWL & PV
5.93	Input	08/40/01/0120	Green St Green	GW	4.5		4.546	L	1976-2006	
5.94	Input	08/40/01/0125	Eynford *	GW	3		25.2	L	1941-1997	
5.95	Input	08/40/01/0121	Horton Kirby *	GW	9.49			**	Turbidity	2002, 2006 & 20
5.96	Input	01/0156	Lane End *	GW	12.7			**	Turbidity	
5.97	Input	08/40/01/0122	Lullinstone	GW	4.5		4.5	L	1956-1997	
5.98	Input	28/38/09/0157	Turkey Brook	GW	**		0		1976-2007	1976 RWL 2002
5.99	Input	28/38/09/0157	Wareick Reservoir	GW	**		0		1976-2007	1976 & 1943 PV
6.00	Input	28/38/09/0157	Waterhall	GW	**		0		1976-2006	
6.01	Input	28/38/09/0157	Whitlington Road	GW	**		0		1983-2006	
6.02	Input	28/38/09/0157	William Girling Southeast	GW	**		0			
6.03	Input	28/38/09/0157	William Girling Southwest	GW	**		0			
6.04	Input	28/38/39/0202	Barrow Hill	GW	1.7		1.73	L	1972-2006	
6.05	Input	28/38/43/0047	Bell Green	GW	15.6		15.6	L	1977-2006	1997 RWL & PV
6.06	Input	08/40/01/0130	Bexley	GW	31.8		31.78	L	1976-2006	1997 RWL & PV
6.07	Input	08/40/01/0126	Crayford	GW	13.64		13.638	L	1976-2006	1991 RWL 1982
6.08	Input	08/40/01/0133	Darenth	GW	20.3		20.911	B	2002-2006	
6.09	Input	08/40/01/0132	Dartford	GW	3.6		3.636	L	1976-1997	
6.10	Input	28/39/43/0018	Deptford	GW	21		27.858	L	1991-2008	
6.11	Input	08/40/01/0120	Green St Green	GW	4.5		4.546	L	1976-2006	
6.12	Input	08/40/01/0125	Eynford *	GW	3		25.2	L	1941-2007	
6.13	Input	08/40/01/0121	Horton Kirby *	GW	9.49			**	Turbidity	
6.14	Input	01/0156	Lane End *	GW	12.7			**	Turbidity	
6.15	Input	08/40/01/0122	Lullinstone	GW	4.5		4.5	L	1956-1997	
6.16	Input	08/40/01/0124	North Oxonorton	GW	8.18		9.002	Turbidity	2002-2006	
6.17	Input	08/40/01/0127	Opington	GW	10		11.085	B	1991-2007	
6.18	Input	28/39/43/0018	Shortlands	GW	16.8		16.821	L	1976-2006	
6.19	Input	08/40/01/0126	Southmead	GW	2.25		2.273	L	2002-2006	
6.20	Input	01/152	Street & Greenhills	GW	0		0		Not commissioned	
6.21	Input	08/40/01/0123	Sundridge	GW	1.96		1.959	L	1976-2006	
6.22	Input	08/40/01/0126	Wansout	GW	13.6		13.638	L	1976-2006	
6.23	Input	08/40/01/0119	Westerham	GW	0.85		0.972	B	1991-2007	
6.24	Input	28/39/43/0015	West Wickham	GW	9.6		9.723	B	1991-2007	
6.25	Input	08/40/01/0118	Wilmington	GW	19.1		19.093	B	1991-2007	
6.26	Input	28/39/43/49	Lady Well Fields (Cattford)	GW	9.3		10	T/L		
6.27	Input									
6.28	Input									
6.29	Input									
6.30	Input		* Licenced volume of DO aggregated with another source							
6.31	Input		** Aggregated with the source value above it							
6.32	Input		L = Licence							
6.33	Input		Q = Quality							
6.34	Input		P = Pump Size or Depth							

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 <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	1023.11	1156.29	1241.41	1323.42	1397.25	1466.56	1544.36	1625.88	1713.44	1811.26	1925.97	2043.32	2160.70	2277.90	2394.11	2502.21	2595.24	2685.40	2775.08	2864.09	2953.68	3042.12	3128.51	3212.83	3295.22	3375.78	3458.41	3545.17	3632.41
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	456.07	493.83	536.19	578.56	616.71	652.65	691.83	733.34	777.10	826.00	881.10	937.92	994.94	1052.11	1109.49	1162.64	1209.84	1255.51	1301.18	1346.88	1393.50	1440.48	1486.45	1530.83	1573.47	1614.82	1656.54	1699.59	1743.01
6.3 <sub>BL</sub>	6.1 <sub>BL</sub> /6.2 <sub>BL</sub>	Total	Occupancy	h/prop	2.24	2.34	2.32	2.29	2.27	2.25	2.23	2.22	2.20	2.19	2.19	2.18	2.17	2.17	2.16	2.15	2.15	2.14	2.13	2.13	2.12	2.11	2.10	2.10	2.09	2.09	2.09	2.09	2.08
6.5 <sub>BL</sub>	Input	Meter optants	Population	000's		33.02	71.14	105.99	137.49	169.05	200.39	231.78	262.86	294.23	325.36	356.39	387.30	417.93	448.85	479.56	510.37	541.07	571.59	601.77	631.49	661.22	691.26	721.75	758.70	795.95	833.42	864.54	
6.6 <sub>BL</sub>	Input	Meter optants	Properties	000's		20.42	44.04	65.62	85.16	104.70	124.24	143.79	163.33	182.87	202.42	221.96	241.50	261.05	280.59	300.13	319.67	339.22	358.76	378.30	397.85	417.39	436.93	456.48	476.02	495.56	515.10	534.65	
6.7 <sub>BL</sub>	6.5 <sub>BL</sub> /6.6 <sub>BL</sub>	Meter optants	Occupancy	h/prop	#DIV/0!	1.62	1.62	1.62	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.60	1.60	1.60	1.60	1.60	1.60	1.59	1.59	1.59	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58
6.8 <sub>BL</sub>	Input	Meter optants	pcc	1/h/d		132.86	132.75	132.48	132.31	132.14	132.18	132.22	132.48	132.61	126.50	127.09	127.74	128.51	129.30	130.29	131.25	132.23	133.25	134.36	135.58	136.77	137.87	138.86	139.45	140.03	140.61	141.54	
6.9 <sub>BL</sub>	Input	New properties	Population	000's		32.03	63.08	95.56	134.14	180.42	231.91	288.74	357.21	440.59	527.58	614.84	702.15	789.34	867.15	930.61	990.73	1050.62	1110.24	1171.31	1232.32	1291.03	1346.66	1399.12	1445.67	1493.49	1544.75	1600.23	
6.10 <sub>BL</sub>	Input	New properties	Properties	000's		13.58	26.76	40.54	56.94	76.58	98.54	122.76	152.11	187.67	224.94	262.43	300.05	337.89	371.50	399.15	425.28	451.41	477.57	504.64	532.08	558.51	583.34	606.44	628.25	650.42	673.93	697.80	
6.11 <sub>BL</sub>	6.9 <sub>BL</sub> /6.10 <sub>BL</sub>	New properties	Occupancy	h/prop	#DIV/0!	2.36	2.36	2.36	2.36	2.36	2.35	2.35	2.35	2.35	2.35	2.34	2.34	2.34	2.33	2.33	2.33	2.32	2.32	2.32	2.32	2.31	2.31	2.30	2.30	2.29	2.29	2.29	
6.12 <sub>BL</sub>	Input	New properties	pcc	1/h/d		144.96	144.88	143.78	142.42	140.80	139.31	137.74	136.18	134.87	127.60	127.38	127.57	127.91	128.54	129.17	129.83	130.52	131.28	132.14	132.99	133.77	134.46	135.11	135.71	136.27	136.83		
6.13 <sub>BL</sub>	Input	Metering on change of occupancy	Population	000's		21.03	35.03	42.03	42.01	41.97	41.94	41.88	41.86	41.82	41.78	41.73	41.66	41.62	41.57	41.54	41.50	41.46	41.39	41.30	41.22	41.16	41.14	41.03	40.94	40.87	40.89		
6.14 <sub>BL</sub>	Input	Metering on change of occupancy	Properties	000's		8.36	13.93	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72		
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!	2.52	2.51	2.51	2.51	2.51	2.51	2.51	2.50	2.50	2.50	2.49	2.49	2.49	2.48	2.48	2.48	2.48	2.48	2.47	2.47	2.46	2.46	2.45	2.45	2.44	2.45		
6.16 <sub>BL</sub>	Input	Metering on change of occupancy	pcc	1/h/d		147.50	147.11	146.77	146.50	146.27	146.11	145.99	145.95	145.93	138.80	139.03	139.31	139.36	139.47	139.67	139.87	140.08	140.30	140.54	140.83	140.41	140.69	140.25	139.09	138.64	138.05	138.02	
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!	
6.20 <sub>BL</sub>	Input	Selective metering	pcc	1/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!
6.24 <sub>BL</sub>	Input	Compulsory metering	pcc	1/h/d																													
6.25 <sub>BL</sub>	Input	Existing Metering	Population	000's	1023.11	1156.29	1155.34	1154.17	1153.68	1152.93	1152.87	1151.61	1150.98	1149.31	1148.56	1147.70	1146.72	1145.18	1144.59	1143.49	1142.76	1141.89	1140.80	1139.21	1137.01	1135.05	1133.75	1133.20	1130.37	1128.03	1126.13	1126.75	
6.26 <sub>BL</sub>	Input	Existing Metering	Properties	000's	456.07	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	
6.27 <sub>BL</sub>	6.25 <sub>BL</sub> /6.26 <sub>BL</sub>	Existing Metering	Occupancy	h/prop	2.24	2.34	2.34	2.34	2.34	2.33	2.33	2.33	2.33	2.33	2.33	2.32	2.32	2.32	2.32	2.32	2.31	2.31	2.31	2.31	2.30	2.30	2.30	2.29	2.29	2.28	2.28	2.28	
6.28 <sub>BL</sub>	Input	Existing Metering	pcc	1/h/d		155.17	155.42	155.77	156.12	156.55	157.06	157.71	158.37	159.20	159.94	152.92	153.82	154.58	155.23	155.49	155.51	155.04	154.14	152.80	150.99	148.66	146.65	141.87	137.49	132.91	127.77	122.08	115.84

Company:	Thames Water
Resource Zone Name	London
Resource Zone Number:	1 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	1023.11	1156.29	1241.41	1323.42	1474.62	1698.58	1930.41	2164.09	2403.35	2668.33	2967.26	3268.00	3569.25	3870.57	4175.48	4476.24	4756.23	5033.22	5312.55	5475.46	5520.96	5564.33	5606.62	5648.69	5690.78	5732.11	5775.77	5823.41	5871.19
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	456.07	493.83	536.19	578.56	648.14	746.94	848.57	951.71	1056.29	1169.73	1293.48	1418.55	1543.01	1666.80	1791.57	1913.28	2028.59	2141.50	2253.51	2322.40	2349.47	2376.91	2403.34	2428.17	2451.27	2473.08	2495.26	2518.76	2542.64
6.3 <sub>pp</sub>	6.1 <sub>pp</sub> /6.2 <sub>pp</sub>	Total	Occupancy	h/prop	2.24	2.34	2.32	2.29	2.28	2.27	2.27	2.27	2.28	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.34	2.35	2.36	2.36	2.35	2.34	2.33	2.33	2.32	2.31	2.31	2.31	
6.5 <sub>pp</sub>	Input	Meter optants	Population	000's			33.02	71.14	109.29	147.40	194.93	220.90	255.70	288.86	321.58	353.47	383.62	418.20	452.24	487.64	521.48	553.69	584.41	598.52	596.64	594.48	592.50	590.93	589.81	588.93	588.22	587.63	586.97
6.6 <sub>pp</sub>	Input	Meter optants	Properties	000's			20.42	44.04	67.65	91.26	114.47	138.86	158.44	178.80	198.34	217.48	235.80	253.31	270.28	287.12	303.51	319.02	333.64	340.73	340.73	340.73	340.73	340.73	340.73	340.73	340.73	340.73	340.73
6.7 <sub>pp</sub>	6.5 <sub>pp</sub> /6.6 <sub>pp</sub>	Meter optants	Occupancy	h/prop	#DIV/0!	#DIV/0!	1.62	1.62	1.62	1.62	1.62	1.61	1.61	1.62	1.62	1.63	1.63	1.65	1.67	1.70	1.72	1.74	1.75	1.76	1.75	1.74	1.74	1.73	1.73	1.73	1.73	1.72	1.72
6.8 <sub>pp</sub>	Input	Meter optants	pcc	l/h/d			132.86	132.75	132.19	131.73	131.38	131.29	131.21	131.30	131.24	125.04	125.48	125.46	125.55	125.64	126.02	126.46	126.96	127.76	128.82	129.98	131.12	132.18	133.13	134.03	134.90	135.76	136.63
6.9 <sub>pp</sub>	Input	New properties	Population	000's			32.03	63.08	95.57	134.19	180.51	232.07	289.07	358.57	443.99	533.47	622.97	710.39	796.59	872.36	932.87	990.21	1048.17	1105.54	1164.54	1223.41	1279.91	1333.28	1383.43	1431.05	1479.79	1531.71	1584.20
6.10 <sub>pp</sub>	Input	New properties	Properties	000's			13.58	26.76	40.54	56.94	76.58	98.54	122.76	152.11	187.67	224.94	262.43	300.05	337.89	371.50	399.15	425.28	451.41	477.57	504.64	532.08	558.51	583.34	606.44	628.25	650.42	673.93	697.80
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	2.36	2.37	2.37	2.37	2.37	2.37	2.36	2.35	2.34	2.33	2.32	2.31	2.31	2.30	2.29	2.29	2.28	2.28	2.27	2.27	
6.12 <sub>pp</sub>	Input	New properties	pcc	l/h/d			144.96	144.88	143.59	142.03	140.31	138.74	137.11	135.47	134.06	126.76	126.46	126.36	126.46	126.71	127.25	127.81	128.37	129.09	129.88	130.76	131.62	132.40	133.09	133.74	134.34	134.91	135.49
6.13 <sub>pp</sub>	Input	Metering on change off occupancy	Population	000's			21.03	35.03	42.03	42.02	42.03	42.00	41.99	42.03	42.19	42.29	42.48	42.69	42.94	43.18	43.32	43.45	43.59	43.62	43.48	43.33	43.18	43.07	42.99	42.92	42.87	42.83	42.78
6.14 <sub>pp</sub>	Input	Metering on change off occupancy	Properties	000's			8.36	13.93	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72	16.72
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!	2.52	2.51	2.51	2.51	2.51	2.51	2.51	2.52	2.53	2.54	2.55	2.57	2.58	2.59	2.60	2.61	2.61	2.60	2.59	2.58	2.58	2.57	2.57	2.56	2.56	2.56	
6.16 <sub>pp</sub>	Input	Metering on change off occupancy	pcc	l/h/d			147.54	147.14	146.76	146.52	146.29	146.10	145.96	145.96	146.01	138.89	139.15	139.48	139.60	139.77	139.99	140.31	140.82	140.82	140.19	140.53	140.17	140.51	140.13	139.04	138.65	138.11	138.14
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					73.89	221.61	369.43	516.72	664.28	825.16	1001.33	1177.40	1357.30	1539.11	1727.99	1921.58	2112.29	2303.72	2497.14	2591.81	2583.66	2574.31	2565.74	2558.93	2554.07	2550.27	2547.21	2544.62	2541.78
6.22 <sub>pp</sub>	Input	Compulsory metering	Properties	000's					29.39	88.18	146.97	205.75	264.54	328.26	396.91	465.57	534.23	602.88	672.84	744.11	815.38	886.64	957.91	993.54	993.54	993.54	993.54	993.54	993.54	993.54	993.54	993.54	993.54
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!	#DIV/0!	2.51	2.51	2.51	2.51	2.51	2.52	2.53	2.54	2.55	2.57	2.58	2.59	2.60	2.61	2.61	2.60	2.59	2.58	2.58	2.57	2.56	2.56	2.56		
6.24 <sub>pp</sub>	Input	Compulsory metering	pcc	l/h/d					146.76	146.52	146.29	146.10	145.96	145.96	146.01	138.89	139.15	139.48	139.60	139.77	139.99	140.31	140.82	140.82	140.19	140.53	140.17	140.51	140.13	139.04	138.65	138.11	138.14
6.25 <sub>pp</sub>	Input	Existing Metering	Population	000's	1023.11	1156.29	1155.34	1154.17	1153.84	1153.36	1152.41	1152.31	1152.70	1158.18	1161.37	1162.88	1160.18	1155.71	1151.48	1146.26	1142.16	1139.24	1135.97	1132.63	1128.79	1125.28	1122.48	1120.49	1118.94	1117.68	1116.62	1115.46	
6.26 <sub>pp</sub>	Input	Existing Metering	Properties	000's	456.07	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	493.83	
6.27 <sub>pp</sub>	6.25 <sub>pp</sub> /6.26 <sub>pp</sub>	Existing Metering	Occupancy	h/prop	2.24	2.34	2.34	2.34	2.34	2.34	2.34	2.33	2.33	2.34	2.35	2.35	2.34	2.33	2.32	2.31	2.30	2.29	2.29	2.28	2.27	2.27	2.27	2.27	2.26	2.26	2.26		
6.28 <sub>pp</sub>	Input	Existing Metering	pcc	l/h/d			155.17	155.23	155.46	155.24	154.84	154.57	154.50	154.40	154.13	153.29	145.34	144.94	144.69	144.71	144.95	144.47	142.76	143.38	145.00	144.33	144.67	142.08	140.44	140.14	137.25	134.17	129.08

Company:	Thames Water
Resource Zone Name:	London
Resource Zone Number:	1 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	39.50	38.92	37.77	37.08	36.44	35.85	35.29	34.77	34.29	33.84	33.42	33.03	32.67	32.33	32.02	31.73	31.46	31.22	30.98	30.77	30.57	30.38	30.21	30.04	29.89	29.75	29.62	29.49	29.38	
7.2	Input	Unmeasured bath use	l/h/d	20.60	20.02	18.96	18.33	17.69	17.05	16.40	15.76	15.11	14.46	13.81	13.67	13.53	13.38	13.24	13.10	12.96	12.82	12.67	12.52	12.37	12.36	12.35	12.33	12.31	12.29	12.27	12.25	12.22	
7.3	Input	Unmeasured shower use	l/h/d	25.58	26.71	27.24	28.32	29.40	30.49	31.59	32.69	33.80	34.91	36.03	36.79	37.55	38.32	39.09	39.87	40.66	41.45	42.24	43.04	43.83	44.53	45.23	45.92	46.62	47.33	48.03	48.74	49.45	
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	11.14	11.01	10.31	10.06	9.84	9.65	9.48	9.33	9.20	9.09	8.99	8.90	8.82	8.75	8.69	8.65	8.61	8.58	8.55	8.52	8.50	8.49	8.48	8.48	8.48	8.48	8.45	8.44	8.43	8.43
7.6	Input	Unmeasured dish washing	l/h/d	7.99	8.05	7.62	7.59	7.56	7.54	7.51	7.49	7.47	7.46	7.44	7.43	7.42	7.41	7.40	7.40	7.41	7.42	7.43	7.44	7.45	7.46	7.46	7.46	7.46	7.46	7.46	7.47	7.47	7.46
7.7	Input	Unmeasured garden use	l/h/d	13.91	12.96	12.42	12.62	12.82	13.01	13.18	13.37	13.54	13.71	13.88	14.01	14.16	14.31	14.46	14.62	14.81	15.00	15.18	15.37	15.55	15.74	15.93	16.10	16.26	16.41	16.55	16.68	16.82	
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	0.00	
7.9	Input	Unmeasured miscellaneous use	l/h/d	33.17	33.29	32.91	32.96	33.01	33.05	33.09	33.14	33.17	33.21	33.24	33.27	33.30	33.32	33.35	33.36	33.41	33.44	33.47	33.50	33.52	33.55	33.57	33.59	33.61	33.63	33.65	33.66	33.67	
7.10	Input	Unmeasured wastage	l/h/d	17.00	14.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00
7.11	Input	Unmeasured water efficiency	l/h/d	-0.41	-0.16	-0.34	-0.51	-0.69	-0.86	-1.04	-1.21	-1.38	-1.52	-1.65	-1.75	-1.83	-1.89	-1.94	-1.97	-1.99	-2.01	-2.03	-2.05	-2.07	-2.10	-2.12	-2.15	-2.17	-2.19	-2.21	-2.22	-2.24	
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	168.49	164.51	163.89	163.46	163.08	162.78	162.52	162.35	162.21	162.17	162.14	162.34	162.61	162.94	163.32	163.78	164.35	164.92	165.50	166.10	166.73	167.42	168.11	168.79	169.47	170.15	170.83	171.51	172.19	
7.20	Input	Measured toilet flushing	l/h/d	40.60	36.73	35.83	35.13	34.50	33.91	33.36	32.83	32.32	31.82	31.32	30.85	30.40	29.97	29.56	29.17	28.80	28.43	28.05	27.67	27.29	26.90	26.50	26.09	25.68	25.27	24.86	24.45	24.05	
7.21	Input	Measured bath use	l/h/d	21.60	19.43	18.65	17.83	17.02	16.20	15.37	14.52	13.66	12.78	11.87	11.61	11.35	11.09	10.82	10.55	10.28	9.99	9.69	9.36	9.01	8.75	8.47	8.17	7.85	7.53	7.20	6.86	6.52	
7.22	Input	Measured shower use	l/h/d	26.67	29.17	30.07	31.07	32.09	33.11	34.12	35.13	36.13	37.12	38.08	38.64	39.21	39.77	40.34	40.90	41.47	42.03	42.57	43.10	43.61	44.01	44.39	44.75	45.10	45.45	45.79	46.12	46.46	
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	12.35	12.55	12.02	11.59	11.23	10.91	10.61	10.34	10.07	9.80	9.52	9.26	9.02	8.78	8.56	8.34	8.13	7.91	7.69	7.45	7.20	6.94	6.66	6.36	6.06	5.75	5.44	5.13	4.81	
7.25	Input	Measured dish washing	l/h/d	9.04	9.23	9.18	9.13	9.09	9.06	9.01	8.97	8.91	8.84	8.72	8.62	8.52	8.42	8.32	8.21	8.11	7.98	7.84	7.68	7.51	7.32	7.11	6.87	6.62	6.35	6.08	5.79	5.50	
7.26	Input	Measured garden use	l/h/d	14.77	15.00	13.59	14.09	14.50	14.88	15.22	15.56	15.85	16.13	16.41	16.68	16.95	17.19	17.43	17.64	17.85	18.01	18.15	18.26	18.35	18.43	18.47	18.43	18.37	18.29	18.19	18.08		
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	34.14	32.70	32.76	32.77	32.77	32.76	32.74	32.71	32.65	32.58	32.48	32.38	32.28	32.18	32.07	31.95	31.84	31.71	31.55	31.38	31.19	30.98	30.74	30.49	30.22	29.94	29.66	29.36	29.06	
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	-0.84	-0.13	-0.29	-0.45	-0.62	-0.79	-0.97	-1.15	-1.33	-1.50	-1.65	-1.76	-1.89	-1.98	-2.06	-2.12	-2.17	-2.21	-2.25	-2.30	-2.35	-2.40	-2.45	-2.50	-2.55	-2.59	-2.63	-2.68	-2.72	
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	160.93	157.28	154.42	153.76	153.17	152.64	152.06	151.51	150.86	150.17	149.35	148.87	148.43	148.02	147.64	147.24	146.91	146.45	145.89	145.21	144.42	143.53	142.49	141.30	140.01	138.68	137.28	135.83	134.37	

Company: Thames Water  
Resource Zone Name: London  
Resource Zone Number: 1 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	39.50	38.56	37.85	37.16	36.54	35.97	35.42	34.91	34.44	34.01	33.62	33.24	32.89	32.58	32.29	32.03	31.78	31.57	31.41	31.09	30.74	30.56	30.38	30.22	30.07	29.93	29.80	29.68	29.57	
7.2	Input	Unmeasured bath use	l/h/d	20.60	19.64	19.02	18.39	17.77	17.14	16.50	15.86	15.21	14.58	13.94	13.31	13.67	13.54	13.42	13.29	13.17	13.05	12.97	12.72	12.42	12.41	12.40	12.39	12.37	12.36	12.34	12.32	12.29	
7.3	Input	Unmeasured shower use	l/h/d	25.58	26.32	27.29	28.37	29.47	30.57	31.67	32.77	33.88	35.01	36.14	36.91	37.68	38.46	39.25	40.04	40.84	41.66	42.51	43.20	43.86	44.56	45.26	45.96	46.66	47.37	48.08	48.79	49.50	
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	11.14	10.67	10.41	10.17	9.96	9.79	9.63	9.48	9.35	9.26	9.18	9.10	9.04	8.98	8.95	8.92	8.91	8.90	8.90	8.94	8.80	8.63	8.61	8.60	8.59	8.59	8.58	8.58	8.57	8.57
7.6	Input	Unmeasured dish washing	l/h/d	7.99	7.71	7.73	7.70	7.68	7.66	7.63	7.60	7.57	7.56	7.56	7.55	7.54	7.55	7.56	7.58	7.60	7.64	7.72	7.63	7.51	7.54	7.58	7.61	7.64	7.66	7.68	7.69	7.71	
7.7	Input	Unmeasured garden use	l/h/d	13.91	11.89	12.06	12.24	12.40	12.54	12.68	12.82	12.94	13.08	13.19	13.31	13.43	13.55	13.68	13.81	13.97	14.15	14.36	14.63	14.88	15.11	15.34	15.55	15.76	15.96	16.15	16.33	16.52	
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	0.00	
7.9	Input	Unmeasured miscellaneous use	l/h/d	33.17	32.67	32.92	32.97	33.03	33.08	33.12	33.16	33.20	33.25	33.29	33.32	33.36	33.40	33.44	33.48	33.53	33.58	33.67	33.61	33.51	33.53	33.56	33.58	33.60	33.62	33.64	33.65	33.67	
7.10	Input	Measured wastage	l/h/d	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	
7.11	Input	Measured water efficiency	l/h/d	-0.41	-0.16	-0.34	-0.51	-0.77	-0.95	-1.09	-1.26	-1.43	-1.57	-1.69	-1.79	-1.86	-1.92	-1.97	-2.02	-2.07	-2.12	-2.19	-2.19	-2.23	-2.26	-2.30	-2.33	-2.37	-2.40	-2.43	-2.46	-2.49	
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	168.49	164.51	163.94	163.49	163.07	162.81	162.54	162.34	162.17	162.18	162.23	162.44	162.75	163.13	163.60	164.14	164.73	165.43	166.38	166.49	166.32	167.06	167.82	168.57	169.33	170.08	170.83	171.58	172.34	
7.20	Input	Measured toilet flushing	l/h/d	40.60	36.43	35.51	34.90	34.04	33.29	32.63	32.05	31.52	31.03	30.54	29.15	28.76	28.40	28.07	27.75	27.48	27.21	26.94	26.68	26.45	26.21	25.96	25.71	25.44	25.17	24.89	24.61	24.33	
7.21	Input	Measured bath use	l/h/d	21.60	19.20	18.39	17.56	16.67	15.76	14.86	13.96	13.12	12.25	11.35	10.16	9.95	9.74	9.54	9.33	9.15	8.95	8.73	8.52	8.31	8.19	8.05	7.90	7.72	7.52	7.32	7.10	6.88	
7.22	Input	Measured shower use	l/h/d	26.67	28.99	29.86	30.85	31.78	32.68	33.62	34.59	35.57	36.55	37.52	37.14	37.74	38.36	38.98	39.62	40.27	40.92	41.56	42.20	42.85	43.39	43.92	44.43	44.92	45.40	45.87	46.33	46.79	
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	12.35	12.16	11.60	11.17	10.70	10.25	9.87	9.55	9.28	9.02	8.76	8.76	8.74	8.74	8.78	8.84	8.83	8.71	8.58	8.47	8.36	8.25	8.12	7.98	7.82	7.64	7.46	7.28	7.10	
7.25	Input	Measured dish washing	l/h/d	9.04	8.84	8.76	8.70	8.64	8.54	8.43	8.33	8.25	8.18	8.12	8.06	8.00	7.95	7.90	7.85	7.80	7.75	7.70	7.65	7.61	7.57	7.53	7.49	7.45	7.41	7.37	7.33	7.29	
7.26	Input	Measured garden use	l/h/d	14.77	14.39	15.10	15.56	15.81	15.95	16.09	16.25	16.39	16.48	16.53	16.50	16.47	16.43	16.39	16.35	16.31	16.27	16.23	16.19	16.15	16.11	16.07	16.03	15.99	15.95	15.91	15.87	15.83	15.79
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	34.14	32.68	32.71	32.70	32.62	32.51	32.42	32.35	32.29	32.22	32.13	32.06	31.96	31.84	31.71	31.58	31.45	31.32	31.19	31.06	30.93	30.80	30.67	30.54	30.41	30.28	30.15	30.02	29.89	29.76
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	-0.84	-0.13	-0.29	-0.45	-0.70	-0.88	-1.04	-1.23	-1.42	-1.58	-1.73	-1.85	-1.94	-2.02	-2.07	-2.10	-2.11	-2.12	-2.14	-2.10	-2.13	-2.16	-2.20	-2.23	-2.26	-2.29	-2.32	-2.35	-2.38	
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	160.93	155.17	154.24	153.49	152.08	150.48	149.19	148.17	147.23	146.30	145.27	137.74	137.35	137.03	136.81	136.64	136.68	136.66	136.54	136.59	136.68	136.73	136.65	136.42	136.04	135.58	135.04	134.41	133.76	

Company: Thames Water  
Resource Zone Name: London  
Resource Zone Number: 1 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	5.68	5.06	5.26	4.92	4.67	4.43	4.20	4.00	3.80	3.63	3.50	3.45	3.41	3.39	3.37	3.33	3.28	3.22	3.18	3.13	3.08	3.02	2.95	2.89	2.83	2.76	2.70	2.64	
8.2	Input	Extraction of metals, minerals and energy producing materials	B5, B6, B7, B8, B9	M/d	0.52	0.56	0.54	0.51	0.52	0.55	0.58	0.61	0.61	0.60	0.60	0.60	0.60	0.59	0.59	0.59	0.59	0.58	0.58	0.58	0.58	0.57	0.57	0.57	0.57	0.57	0.56	0.56	
8.3	Input	Food and drink (manufacture)	C10, C11, C12	M/d	26.94	28.78	27.08	25.53	24.71	24.17	23.61	22.97	22.35	21.79	21.32	20.92	20.56	20.21	19.85	19.46	19.05	18.66	18.28	17.91	17.55	17.23	16.92	16.63	16.34	16.05	15.75	15.46	
8.4	Input	Textile, fur and leather (manufacture)	C13, C14, C15	M/d	0.40	0.31	0.31	0.34	0.36	0.37	0.38	0.38	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.38	0.38	0.37	0.36	0.36	0.35	0.35	0.35	0.34	0.34	0.34	0.34	
8.5	Input	Other manufacturing	C16, C26, C27, C31, C32, C33	M/d	2.52	2.52	2.16	1.97	1.91	1.84	1.78	1.76	1.73	1.70	1.68	1.65	1.62	1.59	1.55	1.51	1.47	1.44	1.40	1.37	1.34	1.31	1.28	1.26	1.24	1.21	1.19	1.16	
8.6	Input	Paper (manufacture)	C17, C18	M/d	2.66	2.58	2.41	2.31	2.28	2.26	2.24	2.22	2.20	2.18	2.16	2.14	2.13	2.10	2.08	2.06	2.03	2.01	1.99	1.97	1.95	1.93	1.91	1.90	1.88	1.86	1.85	1.83	
8.7	Input	Fuel refining	C19	M/d	0.37	0.22	0.15	0.09	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
8.8	Input	Chemicals, rubbers, plastics and man-made material (manufacture)	C20, C21, C22	M/d	4.29	4.25	3.99	3.73	3.61	3.46	3.32	3.21	3.13	3.06	2.99	2.93	2.86	2.79	2.72	2.65	2.58	2.51	2.44	2.38	2.32	2.26	2.21	2.16	2.12	2.07	2.02	1.97	
8.9	Input	Manufacture of non-metallic minerals	C23	M/d	0.78	0.52	0.41	0.27	0.18	0.17	0.17	0.17	0.16	0.16	0.15	0.15	0.14	0.14	0.14	0.13	0.13	0.12	0.12	0.11	0.11	0.10	0.10	0.09	0.09	0.09	0.09	0.08	
8.10	Input	Manufacture of basic metals, fabricated metal products and	C24, C25, C28, C29	M/d	1.78	1.67	1.51	1.41	1.38	1.35	1.31	1.27	1.24	1.21	1.19	1.17	1.15	1.13	1.12	1.10	1.08	1.06	1.05	1.03	1.02	1.00	0.99	0.97	0.96	0.94	0.92	0.91	
8.11	Input	Transportation and manufacture of transport equipment	C30, H49, H50, H51, H52, H53	M/d	13.65	13.90	13.24	12.66	12.54	12.50	12.42	12.34	12.26	12.20	12.17	12.17	12.19	12.21	12.24	12.28	12.33	12.38	12.42	12.47	12.50	12.51	12.50	12.50	12.51	12.51	12.51	12.51	12.52
8.12	Input	Electricity, gas and water supplies	D35, E36, E37, E38, E39	M/d	4.39	4.93	4.92	4.87	4.79	4.66	4.50	4.34	4.19	4.03	3.88	3.74	3.60	3.47	3.34	3.22	3.10	2.99	2.88	2.78	2.67	2.59	2.52	2.45	2.37	2.30	2.23	2.15	
8.13	Input	Construction	F41, F42, F43	M/d	3.59	3.99	3.70	3.47	3.47	3.49	3.47	3.48	3.36	3.31	3.29	3.29	3.29	3.29	3.28	3.27	3.28	3.29	3.30	3.31	3.32	3.33	3.33	3.32	3.32	3.32	3.31	3.31	3.31
8.14	Input	Wholesale and retail	G45, G46, G47	M/d	24.69	27.51	26.19	25.31	25.14	25.16	25.16	25.17	25.18	25.17	25.18	25.23	25.27	25.32	25.34	25.34	25.33	25.31	25.28	25.24	25.18	25.12	25.06	25.02	24.99	24.95	24.91	24.88	
8.15	Input	Hotels, bars and restaurants	I55, I56	M/d	65.12	68.88	67.09	66.17	66.16	66.65	67.00	67.35	67.71	68.04	68.50	69.11	69.80	70.52	71.22	71.92	72.59	73.24	73.86	74.44	74.99	75.48	75.97	76.52	77.07	77.62	78.17	78.73	
8.16	Input	Other services	J, K, L, M, N, O, R, S, T, U	M/d	178.99	163.57	155.50	149.13	147.70	147.99	148.58	149.28	149.75	149.89	150.02	150.18	150.29	150.34	150.40	150.61	150.84	151.02	151.15	151.21	151.19	151.18	151.24	151.45	151.66	151.89	152.11	152.34	
8.17	Input	Education and Health	P, Q	M/d	71.72	75.71	72.65	70.64	70.37	70.45	70.53	70.66	70.89	71.21	71.59	72.01	72.45	72.90	73.32	73.79	74.29	74.82	75.36	75.92	76.49	76.84	77.17	77.56	77.96	78.36	78.76	79.17	
8.18	Input			M/d																													
8.19	Input			M/d																													
8.20	Input			M/d																													

Company:	<u>Thames Water</u>
Resource Zone Name	<u>London</u>
Resource Zone Number:	<u>1 of 6</u>
Planning Scenario Name:	<u>Dry Year Annual Average</u>
Chosen Level of Service:	<u>Company Preferred Level of Service</u>

