

Water Resources Planning Guideline supply-demand workbook - Version 2.8

Instructions for completing these tables is contained within chapters 13 - 22 of the Water Resources Planning Guideline

The Guideline and tables are available on the Environment Agency website at www.environment-agency.gov.uk/business/sectors/39687.aspx

All queries on the content of this workbook should be sent to water-company-plans@ea.gov.uk

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

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

Shaded cells do not require any input

Shaded cells require input where data is available

Resource Zone and sign off information:

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

Company: Cholderton & District Water Company

Resource Zone Name: Cholderton

Resource Zone Number: 1 of 1

Planning Scenario Name: Dry year average - Final

Chosen Level of Service: Up hose pipe ban

Responsible Officer: A St Q Fry

Signed: _____

Dated: 30-Mar-10

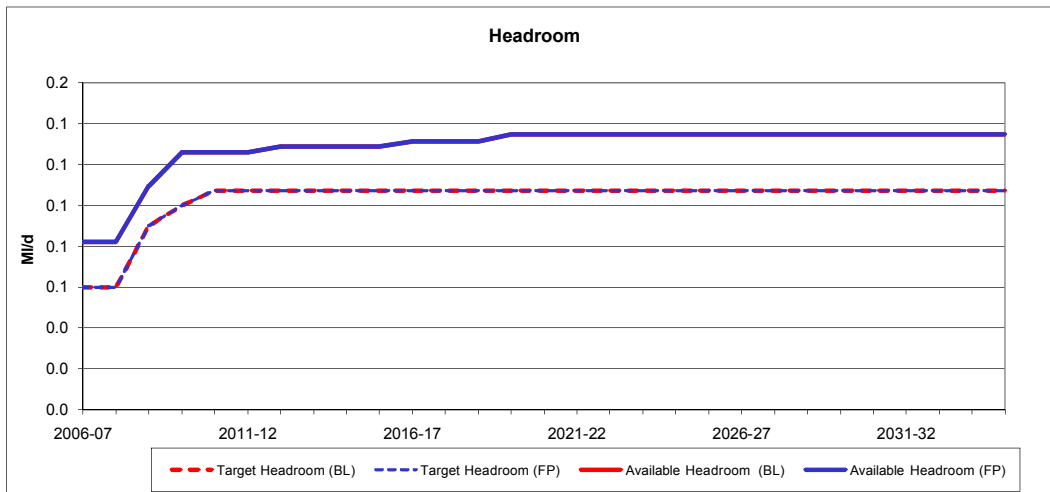
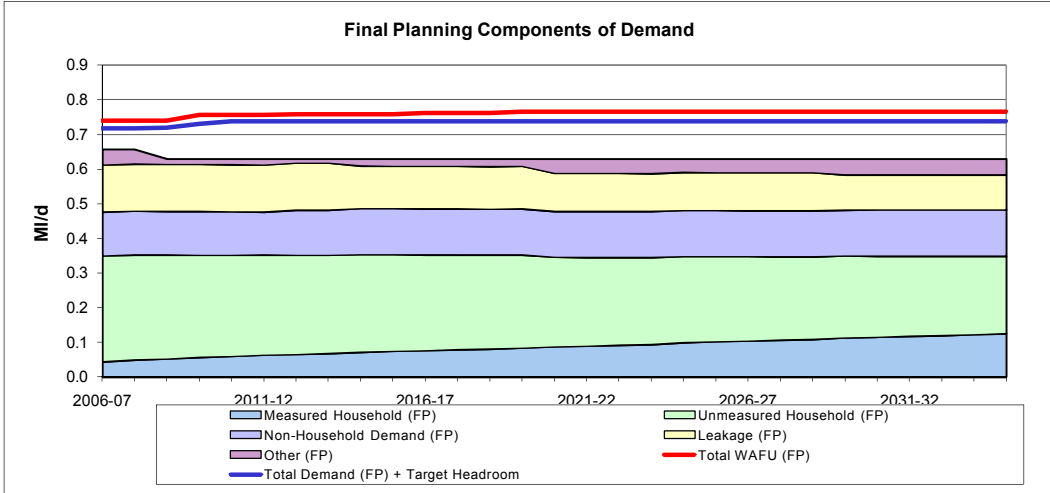
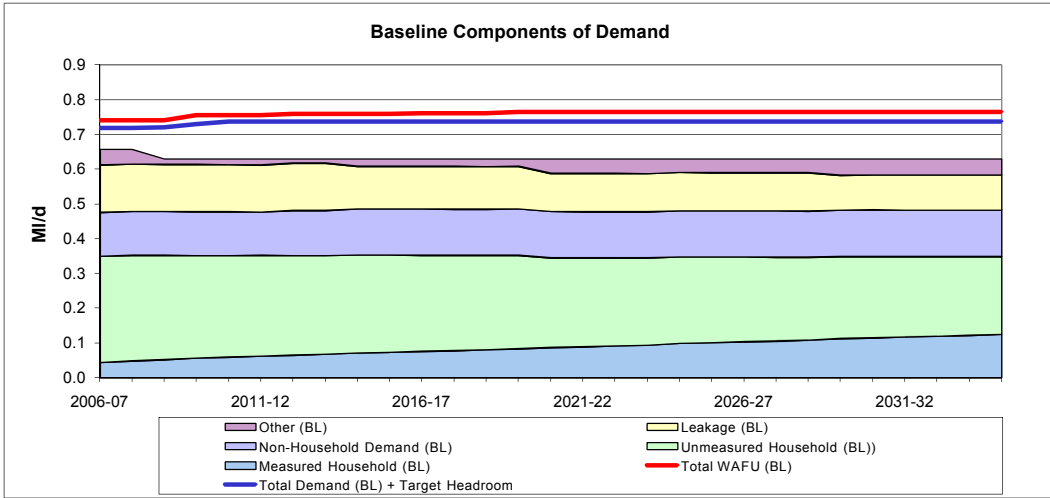
Version: **Final**

* delete as appropriate

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Summary graphs of WRP tables input data



Company:	<u>Cholderton & District Water Company</u>
Resource Zone Name	<u>Cholderton</u>
Resource Zone Number:	<u>1 of 1</u>
Planning Scenario Name:	<u>Dry year average - Final</u>
Chosen Level of Service:	<u>Up hose pipe ban</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	
BASIC RESOURCES BASELINE																																	
1 _{BL}	Input	Deployable Output (Specify individual Source Yields on Table WRP5)	MI/d	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
2 _{BL}	WRP1a-BL 2a _{BL}	Reductions in Deployable Output	MI/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 _{BL}	Input	Outage Allowance	MI/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	
4 _{BL}	9 _{BL} +11 _{BL}	Process Losses	MI/d	0.03	0.03	0.03	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	0.00	0.00	0.00	0.00
5 _{BL}	1 _{BL} -(2 _{BL} +3 _{BL} +4 _{BL})	Water Available For Use (own sources)	MI/d	0.74	0.74	0.74	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	
RAW WATER BASELINE																																	
6 _{BL}	Input	Raw Water Abstracted	MI/d	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	
7 _{BL}	WRP1a-BL 7a _{BL}	Raw Water Exported (existing)	MI/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8 _{BL}	WRP1a-BL 8a _{BL}	Raw Water Imported (existing)	MI/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9 _{BL}	Input	Raw Water Losses and Operational Use	MI/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	
10 _{BL}	WRP1a-BL 10a _{BL}	Non Potable Supplies (existing)	MI/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
POTABLE WATER TO POINT OF DELIVERY BASELINE																																	
11 _{BL}	Input	Treatment Works Losses and Operational Use	MI/d	0.03	0.03	0.03	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	0.00	0.00	0.00	
12 _{BL}	WRP1a-BL 12a _{BL}	Potable Water Exported	MI/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	
13 _{BL}	WRP1a-BL 13a _{BL}	Potable Water Imported	MI/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
14 _{BL}	Input	Distribution Input	MI/d	0.66	0.66	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
15 _{BL}	Input	Distribution Losses	MI/d	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10	
16 _{BL}	Input	Distribution System Operational Use	MI/d	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
17 _{BL}	14 _{BL} -15 _{BL} -16 _{BL}	Water Delivered	MI/d	0.52	0.52	0.49	0.49	0.49	0.49	0.49	0.49	0.51	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.53	0.53	0.53	0.53	0.53	0.53	
POTABLE WATER CUSTOMER USE BASELINE																																	
18 _{BL}	Input	Unmeasured Household - Population	000's	1.701	1.687	1.664	1.636	1.622	1.607	1.593	1.579	1.565	1.551	1.537	1.523	1.508	1.494	1.480	1.466	1.452	1.438	1.423	1.409	1.395	1.381	1.367	1.353	1.339	1.324	1.310	1.296	1.282	
19 _{BL}	Input	Unmeasured Household - Properties	000's	0.601	0.596	0.588	0.578	0.573	0.568	0.563	0.558	0.553	0.548	0.543	0.538	0.533	0.528	0.523	0.518	0.513	0.508	0.503	0.498	0.493	0.488	0.483	0.478	0.473	0.468	0.463	0.458	0.453	
20 _{BL}	18 _{BL} /19 _{BL}	Unmeasured Household - Occupancy Rate	h/pr	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	
21 _{BL}	WRP6-6.1 _{BL}	Measured Household - Population	000's	0.280	0.308	0.331	0.359	0.374	0.396	0.410	0.427	0.453	0.467	0.481	0.495	0.509	0.538	0.552	0.566	0.580	0.594	0.631	0.645	0.659	0.674	0.688	0.719	0.733	0.747	0.761	0.775	0.792	
22 _{BL}	WRP6-6.2 _{BL}	Measured Household - Properties	000's	0.099	0.109	0.117	0.127	0.132	0.140	0.145	0.151	0.160	0.165	0.170	0.175	0.180	0.190	0.195	0.200	0.205	0.210	0.223	0.228	0.233	0.238	0.243	0.254	0.259	0.264	0.269	0.274	0.280	
23 _{BL}	21 _{BL} /22 _{BL}	Measured Household - Occupancy Rate	h/pr	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83		
24 _{BL}	Input	Unmeasured Non Household - Population	000's	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015		
25 _{BL}	Input	Unmeasured Non Household - Properties	000's	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020		
26 _{BL}	Input	Measured Non Household - Population	000's	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055		
27 _{BL}	Input	Measured Non Household - Properties	000's	0.019	0.019	0.019	0.019	0.019	0.019	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	
28 _{BL}	18 _{BL} +21 _{BL} +24 _{BL} +26 _{BL}	Total Population	000's	2.035	2.049	2.049	2.049	2.050	2.057	2.076	2.088	2.088	2.088	2.088	2.088	2.087	2.102	2.102	2.102	2.102	2.102	2.124	2.124	2.124	2.125	2.125	2.142	2.142	2.141	2.141	2.141	2.144	
29 _{BL}	Input	Void Households	000's	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006		
30 _{BL}	Input	Void Non Households	000's	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
30.1 _{BL}	22 _{BL} /(22 _{BL} +19 _{BL})	Total Household Metering penetration (excl. voids)	%	14%	15%	17%	18%	19%	20%	20%	21%	22%	23%	24%	25%	26%	27%	28%	29%	29%	31%	31%	32%	33%	33%	35%	35%	36%	37%	37%	38%		
30.2 _{BL}	22 _{BL} /(22 _{BL} +19 _{BL} +29 _{BL})	Total Household Metering penetration (incl. voids)	%	14%	15%	16%	18%	19%	20%	20%	21%	22%	23%	24%	24%	25%	26%	27%	28%	28%	29%	30%	31%	32%	33%	33%	34%	35%	36%	36%	37%	38%	
31 _{BL}	19 _{BL} +22 _{BL} +25 _{BL} +27 _{BL} +29 _{BL} +30 _{BL}	Total Properties	000's	0.748	0.753	0.753	0.753	0.753	0.756	0.760	0.758	0.762	0.762	0.762	0.762	0.762	0.767	0.767	0.767	0.767	0.767	0.775	0.775	0.775	0.775	0.775	0.781	0.781	0.781	0.781	0.781		
POTABLE WATER DELIVERED BASELINE																																	
32 _{BL}	Input																																

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 Year 2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35
2a _{BL}	Input as appropriate	Reductions in Baseline Deployable Output: Total here and specify below	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>Climate change</i>	M/d																													
			M/d																													
			M/d																													
			M/d																													
7a _{BL}	Input as appropriate	Baseline Raw Water Exported (existing). Total here and specify below	M/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		<i>to</i>	M/d																													
		<i>to</i>	M/d																													
		<i>to</i>	M/d																													
8a _{BL}	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 _{BL}	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 _{BL}	Input as appropriate	Baseline Potable Water Exported. Total here and specify below	M/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		<i>to</i>	M/d																													
		<i>to</i>	M/d																													
		<i>to</i>	M/d																													
13a _{BL}	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																													

Company:	<u>Cholderton & District Water Company</u>
Resource Zone Name	<u>Cholderton</u>
Resource Zone Number:	<u>1 of 1</u>
Planning Scenario Name:	<u>Dry year average - Final</u>
Chosen Level of Service:	<u>Up hose pipe ban</u>

Table WRP4-FP: Final planning supply-demand components

ROW Ref.	DERIVATION	DESCRIPTION	UNITS	Scenario Year 2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	
BASIC RESOURCES FINAL PLANNING																																	
1FP	Input	Deployable Output	MI/d	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	
2FP	WRP4a-FP 2aFP	Reductions in Deployable Output	MI/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	
3FP	Input	Outage Allowance	MI/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	
4FP	9FP+11FP	Process Losses	MI/d	0.03	0.03	0.03	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	0.00	0.00	0.00	
5FP	1FP-(2FP+3FP+4FP)	Water Available For Use (own sources)	MI/d	0.74	0.74	0.74	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77		
RAW WATER FINAL PLANNING																																	
6FP	Input	Raw Water Abstracted	MI/d	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	
7FP	WRP4a-FP 7aFP	Raw Water Exported	MI/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	
8FP	WRP4a-FP 8aFP	Raw Water Imported	MI/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	
9FP	Input	Raw Water Losses and Operational Use	MI/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	
10FP	WRP4a-FP 10aFP	Non Potable Supplies	MI/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
POTABLE WATER TO POINT OF DELIVERY FINAL PLANNING																																	
11FP	Input	Treatment Works Losses and Operational Use	MI/d	0.03	0.03	0.03	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	0.00	0.00	0.00	
12FP	WRP4a-FP 12aFP	Potable Water Exported	MI/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	
13FP	WRP4a-FP 13aFP	Potable Water Imported	MI/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	
14FP	Input	Distribution Input	MI/d	0.66	0.66	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
15FP	Input	Distribution Losses	MI/d	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10	
16FP	Input	Distribution System Operational Use	MI/d	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
17FP	14FP-15FP-16FP	Water Delivered	MI/d	0.52	0.52	0.49	0.49	0.49	0.49	0.49	0.49	0.51	0.51	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.53	0.53	0.53	0.53	0.53	0.53	
POTABLE WATER CUSTOMER USE FINAL PLANNING																																	
18FP	Input	Unmeasured Household - Population	000's	1.701	1.687	1.664	1.636	1.622	1.607	1.593	1.579	1.565	1.551	1.537	1.523	1.508	1.494	1.480	1.466	1.452	1.438	1.423	1.409	1.395	1.381	1.367	1.353	1.339	1.324	1.310	1.296	1.282	
19FP	Input	Unmeasured Household - Properties	000's	0.601	0.596	0.588	0.578	0.573	0.568	0.563	0.558	0.553	0.548	0.543	0.538	0.533	0.528	0.523	0.518	0.513	0.508	0.503	0.498	0.493	0.488	0.483	0.478	0.473	0.468	0.463	0.458	0.453	
20FP	18FP/19FP	Unmeasured Household - Occupancy Rate	h/pr	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83		
21FP	WRP6a-6.1FP	Unmeasured Household - Population	000's	0.280	0.308	0.331	0.359	0.374	0.396	0.410	0.427	0.453	0.467	0.481	0.495	0.509	0.538	0.552	0.566	0.580	0.594	0.631	0.645	0.659	0.674	0.688	0.719	0.733	0.747	0.761	0.775	0.792	
22FP	WRP6a-6.2FP	Measured Household - Properties	000's	0.099	0.109	0.117	0.127	0.132	0.140	0.145	0.151	0.160	0.165	0.170	0.175	0.180	0.190	0.195	0.200	0.205	0.210	0.223	0.228	0.233	0.238	0.243	0.254	0.259	0.264	0.269	0.274	0.280	
23FP	21FP/22FP	Measured Household - Occupancy Rate	h/pr	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83		
24FP	Input	Unmeasured Non Household - Population	000's	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015		
25FP	Input	Unmeasured Non Household - Properties	000's	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	
26FP	Input	Measured Non Household - Population	000's	0.036	0.036	0.036	0.036	0.036	0.036	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055		
27FP	Input	Measured Non Household - Properties	000's	0.019	0.019	0.019	0.019	0.019	0.019	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	
28FP	18FP+21FP+24FP+26FP	Total Population	000's	2.035	2.049	2.049	2.049	2.050	2.057	2.076	2.076	2.088	2.088	2.088	2.088	2.102	2.102	2.102	2.102	2.102	2.124	2.124	2.124	2.124	2.125	2.142	2.142	2.141	2.141	2.141	2.144		
29FP	Input	Void Households	000's	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006		
30FP	Input	Void Non Households	000's	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
30.1FP	22FP/(22FP+19FP)	Total Household Metering penetration (excl. voids)	%	14%	15%	17%	18%	19%	20%	20%	21%	22%	23%	24%	25%	25%	26%	27%	28%	29%	29%	31%	31%	32%	33%	33%	35%	35%	36%	37%	37%	38%	
30.2FP	22FP/(22FP+19FP+29FP)	Total Household Metering penetration (incl. voids)	%	14%	15%	16%	18%	19%	20%	20%	21%	22%	23%	24%	25%	26%	27%	28%	28%	29%	30%	31%	32%	33%	33%	34%	35%	36%	36%	37%	38%		
31FP	19FP+22FP+25FP+27FP+29FP+30FP	Total Properties	000's	0.748	0.753	0.753	0.753	0.753	0.756	0.760	0.758	0.762	0.762	0.762	0.762	0.762	0.767	0.767	0.767	0.767	0.767	0.775	0.775	0.775	0.775	0.781	0.781	0.781	0.781	0.781	0.782		
POTABLE WATER DELIVERED FINAL PLANNING																																	
32FP	Input	Water Taken Unbilled	MI/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		
33FP	Input	Water Delivered Unmeasured Household	MI/d	0.31	0.31	0.30	0.30	0.30	0.29	0.29	0.29	0.2																					

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 _{FP}	Input as appropriate	Reductions in Final Planning Deployable Output. 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>Climate change</i>	M/d																													
			M/d																													
			M/d																													
			M/d																													
7a _{FP}	Input as appropriate	Final Planning Raw Water Exported. Total here and specify below	M/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		to	M/d																													
		to	M/d																													
		to	M/d																													
8a _{FP}	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	
		from	M/d																													
		from	M/d																													
		from	M/d																													
10a _{FP}	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	
		to	M/d																													
		to	M/d																													
		to	M/d																													
12a _{FP}	Input as appropriate	Final Planning Potable Water Exported. Total here and specify below	M/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		to	M/d																													
		to	M/d																													
		to	M/d																													
13a _{FP}	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	
		from	M/d																													
		from	M/d																													
		from	M/d																													

Company:	<u>Cholderton & District Water Company</u>
Resource Zone Name	<u>Cholderton</u>
Resource Zone Number:	<u>1 of 1</u>
Planning Scenario Name:	<u>Dry year average - Final</u>
Chosen Level of Service:	<u>Up hose pipe ban</u>

Table WRP6: Baseline breakdown of measured households

Row Ref	Derivation	Description	Units	Scenario Year 2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35		
6.1 _{BL}	6.5 _{BL} +6.9 _{BL} +6.13 _{BL} +6.17 _{BL} +6.21 _{BL} +6.25 _{BL}	Total	Population	000's	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
6.2 _{BL}	6.6 _{BL} +6.10 _{BL} +6.14 _{BL} +6.18 _{BL} +6.22 _{BL} +6.26 _{BL}	Total	Properties	000's	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
6.3 _{BL}	6.1 _{BL} /6.2 _{BL}	Total	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!		
6.5 _{BL}	Input	Meter optants	Population	000's																														
6.6 _{BL}	Input	Meter optants	Properties	000's																														
6.7 _{BL}	6.5 _{BL} /6.6 _{BL}	Meter optants	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!	
6.8 _{BL}	Input	Meter optants	pcc	l/h/d																														
6.9 _{BL}	Input	New properties	Population	000's																														
6.10 _{BL}	Input	New properties	Properties	000's																														
6.11 _{BL}	6.9 _{BL} /6.10 _{BL}	New properties	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!	
6.12 _{BL}	Input	New properties	pcc	l/h/d																														
6.13 _{BL}	Input	Metering on change of occupancy	Population	000's																														
6.14 _{BL}	Input	Metering on change of occupancy	Properties	000's																														
6.15 _{BL}	6.13 _{BL} /6.14 _{BL}	Metering on change of occupancy	Occupancy	h/prop	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6.16 _{BL}	Input	Metering on change of occupancy	pcc	l/h/d																														
6.17 _{BL}	Input	Selective metering	Population	000's																														
6.18 _{BL}	Input	Selective metering	Properties	000's																														
6.19 _{BL}	6.17 _{BL} /6.18 _{BL}	Selective metering	Occupancy	h/prop	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6.20 _{BL}	Input	Selective metering	pcc	l/h/d																														
6.21 _{BL}	Input	Compulsory metering	Population	000's																														
6.22 _{BL}	Input	Compulsory metering	Properties	000's																														
6.23 _{BL}	6.21 _{BL} /6.22 _{BL}	Compulsory metering	Occupancy	h/prop	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6.24 _{BL}	Input	Compulsory metering	pcc	l/h/d																														
6.25 _{BL}	Input	Other changes to existing metering	Population	000's																														
6.26 _{BL}	Input	Other changes to existing metering	Properties	000's																														
6.27 _{BL}	6.25 _{BL} /6.26 _{BL}	Other changes to existing metering	Occupancy	h/prop	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6.28 _{BL}	Input	Other changes to existing metering	pcc	l/h/d																														

Company:	<u>Cholderton & District Water Company</u>
Resource Zone Name	<u>Cholderton</u>
Resource Zone Number:	<u>1 of 1</u>
Planning Scenario Name:	<u>Dry year average - Final</u>
Chosen Level of Service:	<u>Up hose pipe ban</u>

Table WRP6a: Final planning breakdown of measured households

Row Ref	Derivation	Description	Units	Scenario Year 2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35		
6.1 _{FP}	6.5 _{FP} +6.9 _{FP} +6.13 _{FP} +6.17 _{FP} +6.21 _{FP} +6.25 _{FP}	Total	Population	000's	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
6.2 _{FP}	6.6 _{FP} +6.10 _{FP} +6.14 _{FP} +6.18 _{FP} +6.22 _{FP} +6.26 _{FP}	Total	Properties	000's	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
6.3 _{FP}	6.1 _{FP} /6.2 _{FP}	Total	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!		
6.5 _{FP}	Input	Meter optants	Population	000's																														
6.6 _{FP}	Input	Meter optants	Properties	000's																														
6.7 _{FP}	6.5 _{FP} /6.6 _{FP}	Meter optants	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!	
6.8 _{FP}	Input	Meter optants	pcc	l/h/d																														
6.9 _{FP}	Input	New properties	Population	000's																														
6.10 _{FP}	Input	New properties	Properties	000's																														
6.11 _{FP}	6.9 _{FP} /6.10 _{FP}	New properties	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!	
6.12 _{FP}	Input	New properties	pcc	l/h/d																														
6.13 _{FP}	Input	Metering on change off occupancy	Population	000's																														
6.14 _{FP}	Input	Metering on change off occupancy	Properties	000's																														
6.15 _{FP}	6.13 _{FP} /6.14 _{FP}	Metering on change off occupancy	Occupancy	h/prop	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6.16 _{FP}	Input	Metering on change off occupancy	pcc	l/h/d																														
6.17 _{FP}	Input	Selective metering	Population	000's																														
6.18 _{FP}	Input	Selective metering	Properties	000's																														
6.19 _{FP}	6.17 _{FP} /6.18 _{FP}	Selective metering	Occupancy	h/prop	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6.20 _{FP}	Input	Selective metering	pcc	l/h/d																														
6.21 _{FP}	Input	Compulsory metering	Population	000's																														
6.22 _{FP}	Input	Compulsory metering	Properties	000's																														
6.23 _{FP}	6.21 _{FP} /6.22 _{FP}	Compulsory metering	Occupancy	h/prop	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6.24 _{FP}	Input	Compulsory metering	pcc	l/h/d																														
6.25 _{FP}	Input	Other changes to existing metering	Population	000's																														
6.26 _{FP}	Input	Other changes to existing metering	Properties	000's																														
6.27 _{FP}	6.25 _{FP} /6.26 _{FP}	Other changes to existing metering	Occupancy	h/prop	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6.28 _{FP}	Input	Other changes to existing metering	pcc	l/h/d																														

Company:	<u>Cholderton & District Water Company</u>
Resource Zone Name:	<u>Cholderton</u>
Resource Zone Number:	<u>1 of 1</u>
Planning Scenario Name:	<u>Dry year average - Final</u>
Chosen Level of Service:	<u>Up hose pipe ban</u>

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

Company:	<u>Cholderton & District Water Company</u>
Resource Zone Name	<u>Cholderton</u>
Resource Zone Number:	<u>1 of 1</u>
Planning Scenario Name:	<u>Dry year average - Final</u>
Chosen Level of Service:	<u>Up hose pipe ban</u>

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

Company:	<u>Cholderton & District Water Company</u>
Resource Zone Name	<u>Cholderton</u>
Resource Zone Number:	<u>1 of 1</u>
Planning Scenario Name:	<u>Dry year average - Final</u>
Chosen Level of Service:	<u>Up hose pipe ban</u>

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	MI/d	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10		
8.2	Input	Extraction of metals, minerals and energy producing materials	B5, B6, B7, B8, B9	MI/d																														
8.3	Input	Food and drink (manufacture)	C10, C11, C12	MI/d																														
8.4	Input	Textile, fur and leather (manufacture)	C13, C14, C15	MI/d																														
8.5	Input	Other manufacturing	C16, C26, C27, C31, C32, C33	MI/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8.6	Input	Paper (manufacture)	C17, C18	MI/d																														
8.7	Input	Fuel refining	C19	MI/d																														
8.8	Input	Chemicals, rubbers, plastics and man-made material (manufacture)	C20, C21, C22	MI/d																														
8.9	Input	Manufacture of non-metallic minerals	C23	MI/d																														
8.10	Input	Manufacture of basic metals, fabricated metal products and	C24, C25, C28, C29	MI/d																														
8.11	Input	Transportation and manufacture of transport equipment	C30, H49, H50, H51, H52, H53	MI/d																														
8.12	Input	Electricity, gas and water supplies	D35, E36, E37, E38, E39	MI/d																														
8.13	Input	Construction	F41, F42, F43	MI/d																														
8.14	Input	Wholesale and retail	G45, G46, G47	MI/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8.15	Input	Hotels, bars and restaurants	I55, I56	MI/d	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
8.16	Input	Other services	J, K, L, M, N, O, R, S, T, U	MI/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8.17	Input	Education and Health	P, Q	MI/d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8.18	Input			MI/d																														
8.19	Input			MI/d																														
8.20	Input		Total	MI/d		0.12540																												

Company:	<u>Cholderton & District Water Company</u>
Resource Zone Name	<u>Cholderton</u>
Resource Zone Number:	<u>1 of 1</u>
Planning Scenario Name:	<u>Dry year average - Final</u>
Chosen Level of Service:	<u>Up hose pipe ban</u>

Table WRP9: Normal year final planning supply-demand components

ROW Ref.	DERIVATION	DESCRIPTION	UNITS	Scenario Year 2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35
BASIC RESOURCES NORMAL YEAR																																
3 _N	Input	Outage Allowance	MI/d																													
5 _N	Input	Water Available For Use (own sources)	MI/d																													
RAW WATER NORMAL YEAR																																
6 _N	Input	Raw Water Abstracted	MI/d																													
7 _N	Input	Raw Water Exported (existing)	MI/d																													
8 _N	Input	Raw Water Imported (existing)	MI/d																													
9 _N	Input	Raw Water Losses and Operational Use	MI/d																													
10 _N	Input	Non Potable Supplies (existing)	MI/d																													
POTABLE WATER TO POINT OF DELIVERY NORMAL YEAR																																
11 _N	Input	Treatment Works Losses and Operational Use	MI/d																													
12 _N	Input	Potable Water Exported	MI/d																													
13 _N	Input	Potable Water Imported	MI/d																													
14 _N	Input	Distribution Input	MI/d																													
15 _N	Input	Distribution Losses	MI/d																													
16 _N	Input	Distribution System Operational Use	MI/d																													
17 _N	14 _N -15 _N -16 _N	Water Delivered	MI/d	0.00																												
POTABLE WATER DELIVERED NORMAL YEAR																																
32 _N	Input	Water Taken Unbilled	MI/d																													
33 _N	Input	Water Delivered Unmeasured Household	MI/d																													
34 _N	Input	Unmeasured Household - USPL	MI/d																													
35 _N	33 _N -34 _N	Unmeasured Household - Consumption	MI/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
36 _N	Input	Unmeasured Household - PCC	l/h/d																													
37 _N	Input	Water Delivered Measured Household	MI/d																													
38 _N	Input	Measured Household - USPL	MI/d																													
39 _N	37 _N -38 _N	Measured Household - Consumption	MI/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
40 _N	Input	Measured Household - PCC	l/h/d																													
41 _N	Input	Water Delivered Unmeasured Non Household	MI/d																													
42 _N	Input	Unmeasured Non Household - USPL	MI/d																													
43 _N	41 _N -42 _N	Unmeasured Non Household - Consumption	MI/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
44 _N	Input	Water Delivered Measured Non Household	MI/d																													
45 _N	Input	Measured Non Household - USPL	MI/d																													
46 _N	44 _N -45 _N	Measured Non Household - Consumption	MI/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
47 _N	Input	Void Properties - USPL	MI/d																													
LEAKAGE NORMAL YEAR																																
48 _N	Input	Total Leakage	MI/d																													
49 _N	Input	Total Leakage	l/pr/d																													
SUPPLY DEMAND BALANCE NORMAL YEAR																																
50 _N	5 _N +(8 _N +13 _N)-(7 _N +12 _N)-10 _N	Total Water Available For Use	MI/d	0.00																												
51 _N	Input	Available Headroom	MI/d																													
52 _N	Input	Target Headroom	MI/d																													
53 _N	51 _N -52 _N	Supply Demand Balance	MI/d	0.00																												

Company: Cholderton & District Water Company
Resource Zone Name: Cholderton
Resource Zone Number: 1 of 1
Planning Scenario Name: Dry year average - Final
Chosen Level of Service: Up hose pipe ban