

## APPENDIX 8 - TasWater's Capex projects for the Third Regulatory Period

Project / Program Name	2018-19	2019-20	2020-21	TOTAL
Bryn Estyn Major Upgrade / Replacement (updated same cost)	5,921,906	6,307,195	96,201,588	108,430,689
Forth River Major Upgrade / Replacement (reduced \$25 million)	3,910,137	45,934,031	22,697,825	72,541,993
Kingborough Sewerage Strategy - Treatment & Network	24,604,369	2,602,718	-	27,207,087
Pardoe Sewer Improvement Plan	532,500	9,610,046	14,557,254	24,699,800
Northern Midlands Sewerage Improvement Plan - Longford STP Upgrade	2,986,104	20,290,818	1,006,039	24,282,961
Non-network other	4,685,999	4,368,203	4,479,155	13,533,357
Sewer Treatment Plant Renewal Program	3,859,559	3,870,228	3,932,698	11,662,485
Minor Projects Program	4,259,999	3,494,562	3,583,324	11,337,885
SCADA Program	3,376,049	2,904,855	2,956,242	9,237,146
Pet Dam	3,727,499	4,001,711	-	7,729,210
Non-network IT	2,129,999	2,620,922	2,687,493	7,438,414
Metering Program	3,589,049	1,638,076	1,679,683	6,906,808
Dams - Minor CAPEX	2,129,999	2,184,101	2,239,578	6,553,678
Electrical Program	2,317,439	1,546,344	2,364,994	6,228,777
Proactive Asset Management - Renewals	2,026,268	2,031,870	2,064,667	6,122,805
Lake Mikany	6,076,096	-	-	6,076,096
Sewers Proactive Asset Management - Renewals	1,946,649	1,952,062	1,981,578	5,880,290
Water Treatment Plant Renewal Program	1,934,039	1,939,482	1,970,828	5,844,350
Flagstaff	5,218,499	-	-	5,218,499
Cambridge Wet Weather Emergency Storage & Plant Process Improvements	3,780,749	1,092,051	-	4,872,800
System optimisation - Water	4,205,781	-	-	4,205,781
Dams - Compliance Reporting	1,278,000	1,310,461	1,343,747	3,932,207
Rocky Creek WTP	3,677,880	-	-	3,677,880
Asset Safety Rectification Program - Unplanned	1,158,720	1,161,942	1,182,497	3,503,159
Upper Reservoir	3,484,679	-	-	3,484,679
SPSs Proactive Asset Management - Renewals	734,765	1,301,375	1,324,397	3,360,536
Swansea - Stage 2	3,194,999	-	-	3,194,999
Cambridge Optimisation	3,154,335	-	-	3,154,335
CCTV Inspection Program	969,150	971,925	985,414	2,926,489
Combined System Program	877,560	882,377	895,831	2,655,768
Inflow and Infiltration Rectification Program	852,000	873,641	895,831	2,621,471
Reactive Asset Management - Renewals	810,507	812,748	825,867	2,449,122
St Marys Reuse Upgrade	1,295,024	1,150,862	-	2,445,885
Geeveston Optimisation	262,861	1,617,228	552,768	2,432,858
Reservoir Renewal/Upgrade Program	579,360	585,339	1,182,497	2,347,196
STPs Optimisation (various) Program	2,260,607	-	-	2,260,607
Turriff Lodge Optimisation	525,723	1,617,228	-	2,142,950
Lake Isandula	106,500	1,965,691	-	2,072,191
Westbury Sewer Treatment Plant Upgrade and Reuse	269,797	1,715,226	-	1,985,023
Sewers Reactive Asset Management - Renewals	625,709	627,449	636,936	1,890,093
Rocherlea Redevelopment	532,500	1,310,461	-	1,842,961
Cornwall water supply system	1,840,029	-	-	1,840,029
Ambient Monitoring	426,000	436,820	895,831	1,758,651
Fireplug condition assessment	426,000	436,820	447,916	1,310,736
Gormanston water supply system	1,288,020	-	-	1,288,020
Blackman River Dam No 1	1,278,000	-	-	1,278,000
Sheffield Optimisation	1,261,734	-	-	1,261,734
Sewers Reactive Asset Management - Maintenance	417,139	418,299	424,624	1,260,062
Proactive Asset Management - L1, 2 Condition Assessment	405,254	406,374	412,933	1,224,561
Epping Water supply system	1,214,419	-	-	1,214,419
Coles Bay Dam	1,107,600	-	-	1,107,600
Launceston Sewer Improvement Program (LSIP)	-	-	1,105,537	1,105,537
Sewers Proactive Asset Management - CCTV	364,997	366,012	371,546	1,102,554
SPSs Reactive Asset Management - Renewals	236,174	418,299	425,699	1,080,172
Ti Tree Bend - Digester	1,079,186	-	-	1,079,186
Jason St SPS and Esplanade SPS Rising Main Replacements (St Helens)	1,079,186	-	-	1,079,186
Windsor Park SPS Rising Main Replacement and Pump Upgrade	1,079,186	-	-	1,079,186
King Island solution	1,079,186	-	-	1,079,186
Sewer Treatment Plant AS4024 Machine Safety Audit and Upgrade	532,500	546,025	-	1,078,525
Chlorination Upgrade (Various Sites)	532,500	546,025	-	1,078,525
Ulverstone Optimisation	841,156	215,630	-	1,056,787
Conglomerate Creek	1,051,445	-	-	1,051,445
Reactive Asset Management - Maintenance	347,360	348,320	353,943	1,049,624
Herrick water supply system	993,616	-	-	993,616
Miscellaneous Minor Works	319,500	327,615	335,937	983,052
Selfs Point Optimisation	841,156	-	-	841,156
Proactive Asset Management - L3 Condition assessment	270,169	270,916	275,289	816,374
SPSs Reactive Asset Management - Maintenance	157,450	278,866	283,799	720,115
Woodbridge Sewer Treatment Plant Upgrade - Stage 2	-	44,796	643,070	687,865
Stock Route (South) Sewer Pump Station (Cressy)	-	647,360	-	647,360
Lower Prosser	639,000	-	-	639,000
SPSs Proactive Asset Management - L1, 2 Condition Assessment	137,768	244,008	248,324	630,101
Burnie Cam Pipeline Construction	608,510	-	-	608,510

Lower Reservoir	485,640	-	-	485,640
Sewers Proactive Asset Management - L3 Condition assessment	121,666	122,004	123,849	367,518
Bothwell Major Upgrade / Replacement	-	-	309,047	309,047
Wynyard Optimisation	210,289	-	-	210,289
SPSs Proactive Asset Management - L3 Condition assessment	45,923	81,336	82,775	210,034
George Town Optimisation	194,517	-	-	194,517
South Esk Disinfection Project	-	159,477	-	159,477
Ridgeway Upgrade	-	127,653	-	127,653
Mountain River water supply system	111,453	-	-	111,453
Longford Disinfection Project	110,489	-	-	110,489
Norwood Optimisation	105,145	-	-	105,145
Prospect Vale Optimisation	105,145	-	-	105,145
Pardoe Optimisation	78,858	-	-	78,858
Smithton retic Odour Control	-	-	56,735	56,735
Deloraine Disinfection Project	-	-	50,855	50,855
Manuka River (Strahan) Disinfection Project	34,347	-	-	34,347
Dover Disinfection Project	29,879	-	-	29,879
POW Bay Optimisation	5,257	-	-	5,257
<b>Totals</b>	<b>143,362,210</b>	<b>142,735,881</b>	<b>181,076,438</b>	<b>467,174,530</b>

Source: Doc081 TasWater PSP Pricing Model - TasWater Asset Lives work for depreciation 25 May 2017 (TAB Capex split)