

Appendix C

Estimates of Cost

Table C12.1 - 1a
Option WP17-1-D Augmentation

Item	Year	Description	Amount
1	2006	Desalination Plant Intake	\$ 7,475,000
2	2006	Desalination Plant	\$ 29,222,603
3	2006	Desalination Plant Discharge	\$ 5,520,000
4	2006	Clear Water Storages	\$ 1,569,100
5	2006	Desalination Plant Distribution Pump Station	\$ 572,000
6	2006	Emu Park Reservoir	\$ 2,080,000
7	2006	Lammermore Beach South Pump Station	\$ 338,000
8	2006	Taranganba Pump Station	\$ 208,000
9	2008	St Faiths West Reservoir	\$ 1,625,000
10	2016	Desalination Plant Augmentation	\$ 17,517,808
11	2016	Desalination Plant Distribution Pump Station Upgrade	\$ 234,000
12	2026	Clear Water Storages Augmentation	\$ 1,569,100
13	2026	Taranganba Pump Station Augmentation	\$ 110,500
14	2028	Desalination Plant Intake	\$ 4,600,000
15	2028	Desalination Plant Augmentation	\$ 17,517,808
16	2028	Desalination Plant Discharge Augmentation	\$ 3,680,000
17	2028	Desalination Plant Distribution Pump Station Upgrade	\$ 1,040,000
18	2028	Lammermore Beach South Pump Station	\$ 182,000
19	2028	Statute Bay to Taranganba Reservoir Truck Main (375mm)	\$ 577,980
20	2038	Desalination Plant Augmentation	\$ 17,517,808
21	2038	Desalination Plant Distribution Pump Station Upgrade	\$ 195,000
22	2038	Emu Park Reservoir Augmentation	\$ 2,080,000
23	2038	Clear Water Storages Augmentation	\$ 1,569,100
24	2048	Desalination Plant to Statute Bay Truck Main (300mm)	\$ 1,304,875
25	2048	Desalination Plant Augmentation	\$ 17,517,808
26	2048	Desalination Plant Distribution Pump Station Upgrade	\$ 292,500
		SubTotal	\$ 140,162,179
27	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 11,411,595
		Total	\$ 151,573,774

Table C12.1 - 1b
Option WP17-2-D Augmentation

Item	Year	Description	Amount
1	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
2	2006	Desalination Plant Intake	\$ 5,750,000
3	2006	Desalination Plant	\$ 17,517,808
4	2006	Desalination Plant Discharge	\$ 4,600,000
5	2006	Clear Water Storages	\$ 1,417,000
6	2006	Desalination Plant Distribution Pump Station	\$ 422,500
7	2006	Emu Park Reservoir	\$ 2,080,000
8	2008	St Faiths West Reservoir	\$ 1,625,000
9	2016	Desalination Plant Augmentation	\$ 17,517,808
10	2016	Desalination Plant Distribution Pump Station Upgrade	\$ 331,500
11	2026	Clear Water Storages Augmentation	\$ 1,569,100
12	2028	Desalination Plant Intake	\$ 5,750,000
13	2028	Desalination Plant Augmentation	\$ 17,517,808
14	2028	Desalination Plant Discharge Augmentation	\$ 4,600,000
15	2028	Desalination Plant Distribution Pump Station Upgrade	\$ 630,500
16	2038	Desalination Plant Augmentation	\$ 17,517,808
17	2038	Desalination Plant Distribution Pump Station Upgrade	\$ 1,950,000
18	2038	Statute Bay to Taranganba Reservoir Truck Main (300mm)	\$ 540,930
19	2038	Emu Park Reservoir Augmentation	\$ 2,080,000
20	2038	Lammermore Beach South Pump Station	\$ 14,300
21	2038	Clear Water Storages Augmentation	\$ 1,569,100
22	2048	Desalination Plant Augmentation	\$ 17,517,808
23	2048	Desalination Plant Distribution Pump Station Upgrade	\$ 520,000
		SubTotal	\$ 125,637,671
24	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 11,411,595
		Total	\$ 137,049,266

Table C12.2 - 1a			
Option WP17-1-1A Augmentation			
Item	Year	Description	Amount
1	2006	Yaamba Res to Yeppoon West Res Trunk Main (750mm)	\$ 24,963,900
2	2006	Yaamba Pump Station	\$ 624,000
3	2006	Yaamba Res to Yeppoon West Res Trunk Main (600mm)	\$ 4,596,800
4	2006	Yeppoon West Reservoir	\$ 1,625,000
5	2006	St Faiths Res to Yeppoon West Res Trunk Main (450mm)	\$ 6,357,000
6	2006	St Faiths Res to Yeppoon West Res Pump Station	\$ 448,500
7	2006	Yeppoon West Reservoir to Taranganba Res (750mm)	\$ 8,652,150
8	2006	Emu Park Reservoir	\$ 2,080,000
9	2021	Taranganba Res to Pacific Heights Res Trunk Main (450mm)	\$ 2,198,300
10	2026	Yaamba Pump Station	\$ 683,800
11	2026	Mulambin Beach Pump Station	\$ 275,600
12	2036	Emu Park Reservoir	\$ 2,080,000
13	2041	Pacific Heights Res to Emu Park Res (375mm)	\$ 5,779,800
		Sub Total	\$ 60,364,850
14	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 10,530,000
		Total	\$ 70,894,850

Table C12.2 - 1b			
Option WP17-1-2A Augmentation			
Item	Year	Description	Amount
1	2006	Yaamba Res to Yeppoon West Res Trunk Main (750mm)	\$ 4,254,250
2	2006	Yaamba Pump Station	\$ 695,500
3	2006	Pump Station No 2	\$ 204,100
4	2006	Yaamba Res to Yeppoon West Res Trunk Main (600mm)	\$ 19,905,600
5	2006	Yeppoon West Reservoir	\$ 1,625,000
6	2006	St Faiths Res to Yeppoon West Res Trunk Main (450mm)	\$ 6,357,000
7	2006	St Faiths Res to Yeppoon West Res Pump Station	\$ 448,500
8	2006	Yeppoon West Reservoir to Taranganba Res (750mm)	\$ 4,917,250
9	2006	Emu Park Reservoir	\$ 2,080,000
10	2021	Taranganba Res to Pacific Heights Res Trunk Main (450mm)	\$ 2,198,300
11	2026	Yaamba Pump Station	\$ 227,500
12	2026	Pump Station No 2	\$ 1,105,000
13	2026	Yaamba Res to Emu Park West Res (750mm)	\$ 9,392,500
14	2026	Mulambin Beach Pump Station	\$ 275,600
15	2036	Emu Park Reservoir	\$ 2,080,000
16	2041	Pacific Heights Res to Emu Park Res (375mm)	\$ 5,779,800
		Sub Total	\$ 61,545,900
17	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 6,439,095
		Sub Total	\$ 67,984,995
18	2006	Fitzroy River Barrage Intake	\$ 580,000
19	2006	Livingstone WTP Stage 1	\$ 7,500,000
20	2006	Livingstone WTP to Yammba Pump Station Trunk Main (750mm)	\$ 7,117,360
21	2026	Fitzroy River Barrage Intake	\$ 360,000
22	2026	Livingstone WTP Stage 2	\$ 4,750,000
		Sub Total	\$ 20,307,360
		Total	\$ 88,292,355

Table C12.2 - 1c			
Option WP17-1-3A Augmentation			
Item	Year	Description	Amount
1	2006	Yaamba Res to Yeppoon West Res Trunk Main (750mm)	\$ 38,083,500
2	2006	Exist Caves Trunk Main to Caves Reservoir Trunk Main (750mm)	\$ 2,217,800
3	2006	Yaamba Pump Station	\$ 695,500
4	2006	Pump Station No 3	\$ 256,100
3	2006	Caves Reservoir	\$ 304,200
4	2006	Yeppoon St Faiths West Reservoir	\$ 1,625,000
5	2006	Yeppoon St Faiths West Res to St Faiths Res Trunk Main (900mm)	\$ 1,339,000
6	2006	Emu Park Reservoir	\$ 2,080,000
7	2021	St Faiths Res to Taranganba Res Trunk Main (450mm)	\$ 2,489,110
8	2021	Upgrade St Faiths Pump Station	\$ 162,500
9	2021	Taranganba Res to Pacific Heights Res Trunk Main (450mm)	\$ 2,198,300
10	2026	Yaamba Res to connection to Caves Res Trunk Main (750mm)	\$ 20,255,599
11	2026	Yaamba Pump Station	\$ 227,500
12	2026	Mulambin Beach Pump Station	\$ 275,600
13	2026	Pump Station No 2	\$ 828,100
14	2026	Pump Station No 3	\$ 39,000
15	2036	Emu Park Reservoir	\$ 2,080,000
16	2041	Pacific Heights Res to Emu Park Res (375mm)	\$ 5,779,800
		Sub Total	\$ 80,936,609
17	2006	Fitzroy River Barrage Intake	\$ 580,000
18	2006	Livingstone WTP Stage 1	\$ 7,500,000
19	2006	Livingstone WTP to Yammba Pump Station Trunk Main (750mm)	\$ 7,117,360
20	2026	Fitzroy River Barrage Intake	\$ 360,000
21	2026	Livingstone WTP Stage 2	\$ 4,750,000
		Sub Total	\$ 20,307,360
		Total	\$ 101,243,969

Table C12.2 - 1d			
Option WP17-1-4A Augmentation			
Item	Year	Description	Amount
1	2006	Yaamba Res to Yeppoon West Res Trunk Main (750mm)	\$ 37,237,200
2	2006	Yaamba Pump Station	\$ 612,300
3	2006	Emu Park West Reservoir	\$ 2,080,000
4	2006	Emu Park West Res to Emu Park Res Trunk Main (525mm)	\$ 6,022,250
5	2006	Yeppoon New West Reservoir	\$ 1,625,000
6	2006	Taranganba Res to Yeppoon New West Res Trunk Main (225mm)	\$ 1,833,000
7	2006	Emu Park Res Pump Station	\$ 331,500
8	2006	Pacific Heights Res Pump Station	\$ 227,500
9	2006	Taranganba Res Pump Station	\$ 156,000
10	2026	Emu Park Res to Pacific Heights Res Trunk Main (450mm)	\$ 6,768,450
11	2026	Pacific Heights Res to Taranganbe Res Trunk Main (450mm)	\$ 2,297,100
12	2026	Yaamba Pump Station	\$ 232,700
13	2026	Emu Park West Res to Emu Park Res Trunk Main (525mm)	\$ 6,022,250
14	2026	Emu Park Res Pump Station	\$ 244,400
15	2026	Pacific Heights Res Pump Station	\$ 188,500
16	2036	Emu Park Reservoir	\$ 2,080,000
		Sub Total	\$ 67,958,150
17	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 10,530,000
		Total	\$ 78,488,150

Table C12.2 - 1e
Option WP17-1-5A Augmentation

Item	Year	Description	Amount
1	2006	Yaamba Res to Emu Park West Res Trunk Main (750mm)	\$ 37,888,500
2	2006	Yaamba Pump Station	\$ 695,500
3	2006	Emu Park West Reservoir	\$ 2,080,000
4	2006	Emu Park West Res to Emu Park Res Trunk Main (525mm)	\$ 6,022,250
5	2006	Yeppoon New West Reservoir	\$ 1,625,000
6	2006	Taranganba Res to Yeppoon New West Res Trunk Main (225mm)	\$ 1,833,000
7	2006	Emu Park Res Pump Station	\$ 331,500
8	2006	Pacific Heights Res Pump Station	\$ 227,500
9	2006	Taranganba Res Pump Station	\$ 156,000
10	2026	Emu Park Res to Pacific Heights Res Trunk Main (450mm)	\$ 6,768,450
11	2026	Pacific Heights Res to Taranganbe Res Trunk Main (450mm)	\$ 2,297,100
12	2026	Yaamba Pump Station	\$ 227,500
13	2026	Yaamba Res to Emu Park West Res (750mm)	\$ 6,022,250
14	2026	Pump Station No 2	\$ 1,446,900
15	2026	Emu Park West Res to Emu Park Res Trunk Main (525mm)	\$ 9,613,500
16	2026	Emu Park Res Pump Station	\$ 244,400
17	2026	Pacific Heights Res Pump Station	\$ 188,500
18	2036	Emu Park Reservoir	\$ 2,080,000
		Sub Total	\$ 79,747,850
19	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 6,439,095
		Sub Total	\$ 86,186,945
20	2006	Fitzroy River Barrage Intake	\$ 580,000
21	2006	Livingstone WTP Stage 1	\$ 7,500,000
22	2006	Livingstone WTP to Yamma Pump Station Trunk Main (750mm)	\$ 7,117,360
23	2026	Fitzroy River Barrage Intake	\$ 360,000
24	2026	Livingstone WTP Stage 2	\$ 4,750,000
		Sub Total	\$ 20,307,360
		Total	\$ 106,494,305

Table C12.2 - 2a			
Option WP17-2-1A Augmentation			
Item	Year	Description	Amount
1	2006	Yaamba Res to Yeppoon West Res Trunk Main (750mm)	\$ 9,516,000
2	2006	Yaamba Pump Station	\$ 504,400
3	2006	Yaamba Res to Yeppoon West Res Trunk Main (600mm)	\$ 16,473,600
4	2006	Yeppoon West Reservoir	\$ 1,625,000
5	2006	St Faiths Res to Yeppoon West Res Trunk Main (525mm)	\$ 6,992,700
6	2006	St Faiths Res to Yeppoon West Res Pump Station	\$ 270,400
7	2006	Yeppoon West Reservoir to Taranganba Res (750mm)	\$ 8,652,150
8	2006	Emu Park Reservoir	\$ 2,080,000
9	2021	Taranganba Res to Pacific Heights Res Trunk Main (450mm)	\$ 2,198,300
10	2026	Mulambin Beach Pump Station	\$ 275,600
11	2026	Yaamba Pump Station	\$ 1,064,700
12	2036	Emu Park Reservoir	\$ 2,080,000
13	2041	Pacific Heights Res to Emu Park Res (375mm)	\$ 5,779,800
14	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
		Sub Total	\$ 60,111,350
15	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 10,530,000
		Total	\$ 70,641,350

Table C12.2 - 2b			
Option WP17-2-2A Augmentation			
Item	Year	Description	Amount
1	2006	Yaamba Res to Yeppoon West Res Trunk Main (600mm)	\$ 22,561,500
2	2006	Yaamba Pump Station	\$ 518,700
3	2006	Yeppoon West Reservoir	\$ 1,625,000
4	2006	St Faiths Res to Yeppoon West Res Trunk Main (525mm)	\$ 6,992,700
5	2006	St Faiths Res to Yeppoon West Res Pump Station	\$ 270,400
6	2006	Yeppoon West Reservoir to Taranganba Res (750mm)	\$ 8,652,150
7	2006	Emu Park Reservoir	\$ 2,080,000
8	2021	Taranganba Res to Pacific Heights Res Trunk Main (450mm)	\$ 2,198,300
9	2026	Yaamba Res to Yeppoon West Res (750mm)	\$ 9,613,500
10	2026	Yaamba Pump Station	\$ 729,300
11	2026	Pump Station No 2	\$ 897,000
11	2026	Mulambin Beach Pump Station	\$ 275,600
12	2036	Emu Park Reservoir	\$ 2,080,000
13	2041	Pacific Heights Res to Emu Park Res (375mm)	\$ 5,779,800
14	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
		Sub Total	\$ 66,872,650
15	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 6,439,095
		Sub Total	\$ 73,311,745
16	2006	Fitzroy River Barrage Intake	\$ 655,000
17	2006	Livingstone WTP Stage 1	\$ 6,900,000
18	2006	Livingstone WTP to Yammba Pump Station Trunk Main (750mm)	\$ 7,117,360
19	2026	Fitzroy River Barrage Intake	\$ 345,000
20	2026	Livingstone WTP Stage 2	\$ 4,650,000
		Sub Total	\$ 19,667,360
		Total	\$ 92,979,105

Table C12.2 - 2c			
Option WP17-2-3A Augmentation			
Item	Year	Description	Amount
1	2006	Yaamba Res to Yeppoon West Res Trunk Main (600mm)	\$ 31,203,900
2	2006	Exist Caves Trunk Main to Caves Reservoir Trunk Main (750mm)	\$ 2,217,800
3	2006	Yaamba Pump Station	\$ 538,200
4	2006	Pump Station No 3	\$ 404,300
4	2006	Caves Reservoir	\$ 304,200
5	2006	Yeppoon St Faiths West Reservoir	\$ 1,625,000
6	2006	Yeppoon St Faiths West Res to St Faiths Res Trunk Main (750mm)	\$ 1,339,000
7	2006	Emu Park Reservoir	\$ 2,080,000
8	2021	St Faiths Res to Taranganba Res Trunk Main (450mm)	\$ 2,489,110
9	2021	Upgrade St Faiths Pump Station	\$ 162,500
10	2021	Taranganba Res to Pacific Heights Res Trunk Main (450mm)	\$ 2,198,300
11	2026	Yaamba Res to connection to Caves Res Trunk Main (750mm)	\$ 20,255,599
12	2026	Yaamba Pump Station	\$ 702,000
13	2026	Pump Station No 2	\$ 828,100
14	2026	Pump Station No 3	\$ 39,000
13	2026	Mulambin Beach Pump Station	\$ 169,000
14	2036	Emu Park Reservoir	\$ 2,080,000
15	2041	Pacific Heights Res to Emu Park Res (375mm)	\$ 5,779,800
16	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
		Sub Total	\$ 77,014,509
17	2006	Fitzroy River Barrage Intake	\$ 655,000
18	2006	Livingstone WTP Stage 1	\$ 6,900,000
19	2006	Livingstone WTP to Yamma Pump Station Trunk Main (750mm)	\$ 7,117,360
20	2026	Fitzroy River Barrage Intake	\$ 345,000
21	2026	Livingstone WTP Stage 2	\$ 4,650,000
		Sub Total	\$ 19,667,360
		Total	\$ 96,681,869

Table C12.2 - 2d			
Option WP17-2-4A Augmentation			
Item	Year	Description	Amount
1	2006	Yaamba Res to Yeppoon West Res (600mm)	\$ 30,255,225
2	2006	Yaamba Pump Station	\$ 484,900
3	2006	Emu Park West Reservoir	\$ 2,080,000
4	2006	Emu Park West Res to Emu Park Res Trunk Main (450mm)	\$ 5,027,750
5	2006	Yeppoon New West Reservoir	\$ 1,625,000
6	2006	Taranganba Res to Yeppoon New West Res Trunk Main (225mm)	\$ 1,833,000
7	2006	Emu Park Res Pump Station	\$ 247,000
8	2006	Pacific Heights Res Pump Station	\$ 202,800
9	2006	Taranganba Res Pump Station	\$ 156,000
10	2036	Emu Park Res to Pacific Heights Res Trunk Main (450mm)	\$ 6,768,450
11	2036	Pacific Heights Res to Taranganbe Res Trunk Main (300mm)	\$ 1,704,300
12	2026	Yaamba Pump Station	\$ 906,100
13	2026	Pump Station No 2	\$ 518,700
14	2026	Emu Park West Res to Emu Park Res Trunk Main (450mm)	\$ 5,027,750
15	2026	Emu Park Res Pump Station	\$ 218,400
16	2026	Pacific Heights Res Pump Station	\$ 162,500
17	2036	Emu Park Reservoir	\$ 2,080,000
18	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
		Sub Total	\$ 61,896,575
19	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 10,530,000
		Total	\$ 72,426,575

Table C12.2 - 2e
Option WP17-2-5A Augmentation

Item	Year	Description	Amount
1	2006	Yaamba Res to Emu Park West Res (600mm)	\$ 30,920,500
2	2006	Yaamba Pump Station	\$ 538,200
3	2006	Emu Park West Reservoir	\$ 2,080,000
4	2006	Emu Park West Res to Emu Park Res Trunk Main (450mm)	\$ 5,027,750
5	2006	Yeppoon New West Reservoir	\$ 1,625,000
6	2006	Taranganba Res to Yeppoon New West Res Trunk Main (225mm)	\$ 1,833,000
7	2006	Emu Park Res Pump Station	\$ 247,000
8	2006	Pacific Heights Res Pump Station	\$ 202,800
9	2006	Taranganba Res Pump Station	\$ 156,000
10	2036	Emu Park Res to Pacific Heights Res Trunk Main (450mm)	\$ 6,768,450
11	2036	Pacific Heights Res to Taranganbe Res Trunk Main (300mm)	\$ 1,704,300
12	2026	Yaamba Pump Station	\$ 715,000
13	2026	Pump Station No 2	\$ 1,033,500
14	2026	Yaamba Res to Emu Park West Res (750mm)	\$ 9,558,250
15	2026	Emu Park West Res to Emu Park Res Trunk Main (450mm)	\$ 5,027,750
16	2026	Emu Park Res Pump Station	\$ 218,400
17	2026	Pacific Heights Res Pump Station	\$ 162,500
18	2036	Emu Park Reservoir	\$ 2,080,000
19	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
		Sub Total	\$ 72,497,100
20	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 6,439,095
		Sub Total	\$ 78,936,195
16	2006	Fitzroy River Barrage Intake	\$ 655,000
17	2006	Livingstone WTP Stage 1	\$ 6,900,000
18	2006	Livingstone WTP to Yammba Pump Station Trunk Main (750mm)	\$ 7,117,360
19	2026	Fitzroy River Barrage Intake	\$ 345,000
20	2026	Livingstone WTP Stage 2	\$ 4,650,000
		Sub Total	\$ 19,667,360
		Total	\$ 98,603,555

Table C12.3 - 1a			
Option WPS35-1-D Augmentation			
Item	Year	Description	Amount
1	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
2	2006	Sandy Creek HL Pump Station	\$ 374,400
3	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
4	2006	Desalination Plant Intake	\$ 7,475,000
5	2006	Desalination Plant	\$ 29,222,603
6	2006	Desalination Plant Discharge	\$ 5,520,000
7	2006	Clear Water Storages	\$ 1,569,100
8	2006	Desalination Plant Distribution Pump Station	\$ 572,000
9	2006	Emu Park Reservoir	\$ 2,080,000
10	2006	Lammermore Beach South Pump Station	\$ 338,000
11	2006	Taranganba Pump Station	\$ 208,000
12	2008	St Faiths West Reservoir	\$ 1,625,000
13	2016	Desalination Plant Augmentation	\$ 17,517,808
14	2016	Desalination Plant Distribution Pump Station Upgrade	\$ 234,000
15	2026	Clear Water Storages Augmentation	\$ 1,569,100
16	2026	Taranganba Pump Station Augmentation	\$ 110,500
17	2028	Desalination Plant Intake	\$ 4,600,000
18	2028	Desalination Plant Augmentation	\$ 17,517,808
19	2028	Desalination Plant Discharge Augmentation	\$ 3,680,000
20	2028	Desalination Plant Distribution Pump Station Upgrade	\$ 1,040,000
21	2028	Lammermore Beach South Pump Station	\$ 182,000
22	2028	Statute Bay to Taranganba Reservoir Truck Main (375mm)	\$ 577,980
23	2038	Desalination Plant Augmentation	\$ 17,517,808
24	2038	Desalination Plant Distribution Pump Station Upgrade	\$ 195,000
25	2038	Emu Park Reservoir Augmentation	\$ 2,080,000
26	2038	Clear Water Storages Augmentation	\$ 1,569,100
27	2048	Desalination Plant to Statute Bay Truck Main (300mm)	\$ 1,304,875
28	2048	Desalination Plant Augmentation	\$ 17,517,808
29	2048	Desalination Plant Distribution Pump Station Upgrade	\$ 292,500
		SubTotal	\$ 138,510,591
30	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 11,411,595
		Total	\$ 149,922,186

Table C12.3 - 1b			
Option WPS35-2-D Augmentation			
Item	Year	Description	Amount
1	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
2	2006	Sandy Creek HL Pump Station	\$ 374,400
3	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
4	2006	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 3,094,000
1	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
2	2006	Desalination Plant Intake	\$ 5,750,000
3	2006	Desalination Plant	\$ 17,517,808
4	2006	Desalination Plant Discharge	\$ 4,600,000
5	2006	Clear Water Storages	\$ 1,417,000
6	2006	Desalination Plant Distribution Pump Station	\$ 422,500
7	2006	Emu Park Reservoir	\$ 2,080,000
8	2008	St Faiths West Reservoir	\$ 1,625,000
9	2016	Desalination Plant Augmentation	\$ 17,517,808
10	2016	Desalination Plant Distribution Pump Station Upgrade	\$ 331,500
11	2026	Clear Water Storages Augmentation	\$ 1,569,100
12	2028	Desalination Plant Intake	\$ 5,750,000
13	2028	Desalination Plant Augmentation	\$ 17,517,808
14	2028	Desalination Plant Discharge Augmentation	\$ 4,600,000
15	2028	Desalination Plant Distribution Pump Station Upgrade	\$ 630,500
16	2038	Desalination Plant Augmentation	\$ 17,517,808
17	2038	Desalination Plant Distribution Pump Station Upgrade	\$ 1,950,000
18	2038	Statute Bay to Taranganba Reservoir Truck Main (300mm)	\$ 540,930
19	2038	Emu Park Reservoir Augmentation	\$ 2,080,000
20	2038	Lammermore Beach South Pump Station	\$ 14,300
21	2038	Clear Water Storages Augmentation	\$ 1,569,100
22	2048	Desalination Plant Augmentation	\$ 17,517,808
23	2048	Desalination Plant Distribution Pump Station Upgrade	\$ 520,000
		SubTotal	\$ 131,126,271
24	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 11,411,595
		Total	\$ 142,537,866

Table C12.3 - 1c
Option WPS35-3-D Augmentation

Item	Year	Description	Amount
1	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
2	2006	Sandy Creek HL Pump Station	\$ 374,400
3	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
4	2006	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 3,094,000
1	2006	Water Park Creek Intake Upgrade	\$ 110,500
2	2006	Water Park Creek Pump Station Upgrade	\$ 2,198,300
3	2006	Water Park Ck Pump Station to Kelly's Offstream Storage Trunk Main (450mm)	\$ 240,500
4	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
5	2006	Woodbury Treatment Plant to St Faiths Trunk Main (600mm)	\$ 3,094,000
6	2006	Emu Park Reservoir	\$ 2,080,000
7	2008	St Faiths West Reservoir	\$ 1,625,000
8	2008	Construct Stage 3 of Kelly's Offstream Storage	\$ 8,073,000
9	2008	Woodbury Pump Station Augmentation	\$ 195,000
10	2008	Woodbury Treatment Plant to St Faiths Trunk Main (600mm)	\$ 4,274,140
11	2021	St Faiths Booster Pump Station Augmentation	\$ 188,500
12	2024	Desalination Plant Intake	\$ 6,670,000
13	2024	Desalination Plant	\$ 21,503,425
14	2024	Desalination Plant Discharge	\$ 4,945,000
15	2024	Clear Water Storages	\$ 1,329,900
16	2024	Desalination Plant Distribution Pump Station	\$ 435,500
17	2038	Desalination Plant Augmentation	\$ 17,517,808
18	2038	Desalination Plant Distribution Pump Station Upgrade	\$ 325,000
19	2038	Emu Park Reservoir Augmentation	\$ 2,080,000
19	2040	Clear Water Storages Augmentation	\$ 1,329,900
20	2048	Desalination Plant Augmentation	\$ 17,517,808
21	2048	Desalination Plant Distribution Pump Station Upgrade	\$ 552,500
		SubTotal	\$ 104,373,081
22	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 11,411,595
		Total	\$ 115,784,676

Table C12.3 - 1d
Option WPS35-1-4A Augmentation

Item	Year	Description	Amount
1	2006	Yaamba Res to Yeppoon West Res Trunk Main (750mm)	\$ 36,390,900
2	2006	Yaamba Pump Station	\$ 598,000
3	2006	Emu Park West Reservoir	\$ 2,080,000
4	2006	Emu Park West Res to Emu Park Res Trunk Main (525mm)	\$ 6,022,250
5	2006	Yeppoon New West Reservoir	\$ 1,625,000
6	2006	Taranganba Res to Yeppoon New West Res Trunk Main (225mm)	\$ 1,833,000
7	2006	Emu Park Res Pump Station	\$ 247,000
8	2006	Pacific Heights Res Pump Station	\$ 202,800
9	2006	Taranganba Res Pump Station	\$ 156,000
10	2031	Emu Park Res to Pacific Heights Res Trunk Main (450mm)	\$ 6,768,450
11	2026	Pacific Heights Res to Taranganbe Res Trunk Main (450mm)	\$ 2,272,400
12	2026	Yaamba Pump Station	\$ 768,300
13	2026	Emu Park West Res to Emu Park Res Trunk Main (525mm)	\$ 6,298,500
14	2026	Emu Park Res Pump Station	\$ 227,500
15	2026	Pacific Heights Res Pump Station	\$ 162,500
16	2036	Emu Park Reservoir	\$ 2,080,000
17	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
18	2006	Sandy Creek HL Pump Station	\$ 374,400
19	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
		Sub Total	\$ 70,127,200
20	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 10,530,000
		Total	\$ 80,657,200

**Table C12.3 - 1e
Option WPS35-1-5A Augmentation**

Item	Year	Description	Amount
1	2006	Yaamba Res to Emu Park West Res Trunk Main (750mm)	\$ 10,110,750
2	2006	Yaamba Pump Station	\$ 700,700
3	2006	Pump Station No 2	\$ 208,000
4	2006	Yaamba Res to Emu Park West Res Trunk Main (600mm)	\$ 21,775,000
5	2006	Emu Park West Reservoir	\$ 2,080,000
6	2006	Emu Park West Res to Emu Park Res Trunk Main (525mm)	\$ 6,022,250
7	2006	Yeppoon New West Reservoir	\$ 1,625,000
8	2006	Taranganba Res to Yeppoon New West Res Trunk Main (225mm)	\$ 1,833,000
9	2006	Emu Park Res Pump Station	\$ 247,000
10	2006	Pacific Heights Res Pump Station	\$ 202,800
11	2006	Taranganba Res Pump Station	\$ 156,000
12	2026	Emu Park Res to Pacific Heights Res Trunk Main (450mm)	\$ 6,768,450
13	2026	Pacific Heights Res to Taranganbe Res Trunk Main (450mm)	\$ 2,272,400
14	2026	Yaamba Pump Station	\$ 756,600
15	2026	Pump Station No 2	\$ 1,120,600
16	2026	Yaamba Res to Emu Park West Res (750mm)	\$ 9,945,000
17	2026	Emu Park West Res to Emu Park Res Trunk Main (525mm)	\$ 6,298,500
18	2026	Emu Park Res Pump Station	\$ 227,500
19	2026	Pacific Heights Res Pump Station	\$ 162,500
20	2036	Emu Park Reservoir	\$ 2,080,000
21	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
22	2006	Sandy Creek HL Pump Station	\$ 374,400
23	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
		Sub Total	\$ 76,986,650
24	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 6,439,095
		Sub Total	\$ 83,425,745
1	2006	Fitzroy River Barrage Intake	\$ 676,000
2	2006	Livingstone WTP Stage 1	\$ 7,380,000
3	2006	Livingstone WTP to Yamma Pump Station Trunk Main (750mm)	\$ 7,117,360
4	2026	Fitzroy River Barrage Intake	\$ 350,000
5	2026	Livingstone WTP Stage 2	4710000
		Sub Total	\$ 20,233,360
		Total	\$ 103,659,105

Table C12.3 - 2a
Option WPS35-2-1A Augmentation

Item	Year	Description	Amount
1	2006	Yaamba Res to Yeppoon West Res Trunk Main (750mm)	\$ 8,326,500
2	2006	Yaamba Pump Station	\$ 461,500
3	2006	Yaamba Res to Yeppoon West Res Trunk Main (600mm)	\$ 16,806,400
4	2006	Yeppoon West Reservoir	\$ 1,625,000
5	2006	St Faiths Res to Yeppoon West Res Trunk Main (525mm)	\$ 6,992,700
6	2006	St Faiths Res to Yeppoon West Res Pump Station	\$ 301,600
7	2006	Yeppoon West Reservoir to Taranganba Res (750mm)	\$ 8,652,150
8	2006	Emu Park Reservoir	\$ 2,080,000
9	2021	Taranganba Res to Pacific Heights Res Trunk Main (450mm)	\$ 2,198,300
10	2026	Mulambin Beach Pump Station	\$ 260,000
11	2026	Yaamba Pump Station	\$ 946,400
12	2026	Yaamba Res to Yeppoon West Res Trunk Main (750mm)	\$ 8,652,150
13	2036	Emu Park Reservoir	\$ 2,080,000
14	2041	Pacific Heights Res to Emu Park Res (375mm)	\$ 5,779,800
15	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
16	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
17	2006	Sandy Creek HL Pump Station	\$ 374,400
18	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
19	2006	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 3,094,000
		Sub Total	\$ 73,249,800
20	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 10,530,000
		Total	\$ 83,779,800

Table C12.3 - 2b
Option WPS35-2-2A Augmentation

Item	Year	Description	Amount
1	2006	Yaamba Res to Yeppoon West Res Trunk Main (600mm)	\$ 22,040,850
2	2006	Yaamba Pump Station	\$ 469,300
3	2006	Yeppoon West Reservoir	\$ 1,625,000
4	2006	St Faiths Res to Yeppoon West Res Trunk Main (525mm)	\$ 6,992,700
5	2006	St Faiths Res to Yeppoon West Res Pump Station	\$ 301,600
6	2006	Yeppoon West Reservoir to Taranganba Res (750mm)	\$ 8,652,150
7	2006	Emu Park Reservoir	\$ 2,080,000
8	2021	Taranganba Res to Pacific Heights Res Trunk Main (450mm)	\$ 2,198,300
9	2026	Yaamba Res to Yeppoon West Res (750mm)	\$ 8,652,150
10	2026	Yaamba Pump Station	\$ 692,900
11	2026	Mulambin Beach Pump Station	\$ 260,000
12	2036	Emu Park Reservoir	\$ 2,080,000
13	2041	Pacific Heights Res to Emu Park Res (375mm)	\$ 5,779,800
14	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
15	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
16	2006	Sandy Creek HL Pump Station	\$ 374,400
17	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
18	2006	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 3,094,000
		Sub Total	\$ 69,912,050
19	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 6,439,095
		Sub Total	\$ 76,351,145
20	2006	Fitzroy River Barrage Intake	\$ 640,000
21	2006	Livingstone WTP Stage 1	\$ 6,600,000
22	2006	Livingstone WTP to Yammba Pump Station Trunk Main (750mm)	\$ 7,117,360
23	2026	Fitzroy River Barrage Intake	\$ 330,000
24	2026	Livingstone WTP Stage 2	\$ 4,500,000
		Sub Total	\$ 19,187,360
		Total	\$ 95,538,505

Table C12.3 - 2c
Option WPS35-1-3A Augmentation

Item	Year	Description	Amount
1	2006	Yaamba Res to Yeppoon West Res Trunk Main (600mm)	\$ 31,449,600
2	2006	Exist Caves Trunk Main to Caves Reservoir Trunk Main (750mm)	\$ 2,217,800
3	2006	Yaamba Pump Station	\$ 471,900
4	2006	Pump Station No 3	\$ 371,800
4	2006	Caves Reservoir	\$ 304,200
5	2006	Yeppoon St Faiths West Reservoir	\$ 1,625,000
6	2006	Yeppoon St Faiths West Res to St Faiths Res Trunk Main (750mm)	\$ 1,111,500
7	2006	Emu Park Reservoir	\$ 2,080,000
8	2021	St Faiths Res to Taranganba Res Trunk Main (450mm)	\$ 2,489,110
9	2021	Upgrade St Faiths Pump Station	\$ 200,200
10	2021	Taranganba Res to Pacific Heights Res Trunk Main (450mm)	\$ 2,198,300
11	2026	Yaamba Res to connection to Caves Res Trunk Main (750mm)	\$ 20,255,599
12	2026	Yaamba Pump Station	\$ 681,200
13	2026	Pump Station No 2	\$ 573,300
14	2026	Pump Station No 3	\$ 770,900
13	2026	Mulambin Beach Pump Station	\$ 275,600
14	2036	Emu Park Reservoir	\$ 2,080,000
15	2041	Pacific Heights Res to Emu Park Res (375mm)	\$ 5,779,800
16	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
17	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
18	2006	Sandy Creek HL Pump Station	\$ 374,400
19	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
20	2006	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 3,094,000
		Sub Total	\$ 83,023,109
21	2006	Fitzroy River Barrage Intake	\$ 640,000
22	2006	Livingstone WTP Stage 1	\$ 6,600,000
23	2006	Livingstone WTP to Yammba Pump Station Trunk Main (750mm)	\$ 7,117,360
24	2026	Fitzroy River Barrage Intake	\$ 330,000
25	2026	Livingstone WTP Stage 2	\$ 4,500,000
		Sub Total	\$ 19,187,360
		Total	\$ 102,210,469

Table C12.3 - 2d
Option WPS35-1-4A Augmentation

Item	Year	Description	Amount
1	2006	Yaamba Res to Yeppoon West Res Trunk Main (600mm)	\$ 23,748,725
2	2006	Yaamba Pump Station	\$ 469,300
3	2006	Yaamba Res to Yeppoon West Res Trunk Main (750mm)	\$ 7,871,500
4	2006	Emu Park West Reservoir	\$ 2,080,000
5	2006	Emu Park West Res to Emu Park Res Trunk Main (450mm)	\$ 5,027,750
6	2006	Yeppoon New West Reservoir	\$ 1,625,000
7	2006	Taranganba Res to Yeppoon New West Res Trunk Main (225mm)	\$ 1,833,000
8	2006	Emu Park Res Pump Station	\$ 218,400
9	2006	Pacific Heights Res Pump Station	\$ 182,000
10	2006	Taranganba Res Pump Station	\$ 156,000
11	2036	Emu Park Res to Pacific Heights Res Trunk Main (375mm)	\$ 6,084,000
12	2036	Pacific Heights Res to Taranganbe Res Trunk Main (300mm)	\$ 1,704,300
13	2026	Yaamba Pump Station	\$ 735,800
14	2026	Pump Station No 2	\$ 481,000
15	2026	Emu Park West Res to Emu Park Res Trunk Main (450mm)	\$ 5,027,750
16	2026	Emu Park Res Pump Station	\$ 214,500
17	2026	Pacific Heights Res Pump Station	\$ 158,600
18	2036	Emu Park Reservoir	\$ 2,080,000
19	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
20	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
21	2006	Sandy Creek HL Pump Station	\$ 374,400
22	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
23	2006	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 3,094,000
		Sub Total	\$ 67,784,925
24	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 10,530,000
		Total	\$ 78,314,925

Table C12.3 - 2e
Option WPS35-1-5A Augmentation

Item	Year	Description	Amount
1	2006	Yaamba Res to Emu Park West Res Trunk Main (600mm)	\$ 30,920,500
2	2006	Yaamba Pump Station	\$ 475,800
3	2006	Emu Park West Reservoir	\$ 2,080,000
4	2006	Emu Park West Res to Emu Park Res Trunk Main (450mm)	\$ 5,027,750
5	2006	Yeppoon New West Reservoir	\$ 1,625,000
6	2006	Taranganba Res to Yeppoon New West Res Trunk Main (225mm)	\$ 1,833,000
7	2006	Emu Park Res Pump Station	\$ 218,400
8	2006	Pacific Heights Res Pump Station	\$ 182,000
9	2006	Taranganba Res Pump Station	\$ 156,000
10	2036	Emu Park Res to Pacific Heights Res Trunk Main (450mm)	\$ 6,084,000
11	2036	Pacific Heights Res to Taranganbe Res Trunk Main (300mm)	\$ 1,704,300
12	2026	Yaamba Pump Station	\$ 678,600
13	2026	Pump Station No 2	\$ 790,400
14	2026	Yaamba Res to Emu Park West Res (750mm)	\$ 9,945,000
15	2026	Emu Park West Res to Emu Park Res Trunk Main (450mm)	\$ 5,027,750
16	2026	Emu Park Res Pump Station	\$ 214,500
17	2026	Pacific Heights Res Pump Station	\$ 158,600
18	2036	Emu Park Reservoir	\$ 2,080,000
19	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
20	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
21	2006	Sandy Creek HL Pump Station	\$ 374,400
22	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
23	2006	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 3,094,000
		Sub Total	\$ 77,288,900
24	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 6,439,095
		Sub Total	\$ 83,727,995
25	2006	Fitzroy River Barrage Intake	\$ 640,000
26	2006	Livingstone WTP Stage 1	\$ 6,600,000
27	2006	Livingstone WTP to Yammba Pump Station Trunk Main (750mm)	\$ 7,117,360
28	2026	Fitzroy River Barrage Intake	\$ 330,000
29	2026	Livingstone WTP Stage 2	4500000
		Sub Total	\$ 19,187,360
		Total	\$102,915,355

Table C12.3 - 3a			
Option WPS35-3-1A Augmentation			
Item	Year	Description	Amount
1	2006	Yeppoon West Reservoir	\$ 1,625,000
2	2006	St Faiths Res to Yeppoon West Res Trunk Main (525mm)	\$ 7,119,840
3	2006	St Faiths Res to Yeppoon West Res Pump Station	\$ 214,500
4	2006	Yeppoon West Reservoir to Taranganba Res (600mm)	\$ 7,348,250
5	2006	Emu Park Reservoir	\$ 2,080,000
6	2021	Taranganba Res to Pacific Heights Res Trunk Main (450mm)	\$ 2,198,300
7	2021	St Faiths Res to Yeppoon West Res Pump Station	\$ 273,000
8	2031	Yaamba Res to Yeppoon West Res Trunk Main (525mm)	\$ 7,491,900
9	2031	Yaamba Pump Station	\$ 640,900
10	2031	Pump Station No 2	\$ 425,100
10	2031	Yaamba Res to Yeppoon West Res Trunk Main (600mm)	\$ 15,138,500
11	2026	Mulambin Beach Pump Station	\$ 260,000
12	2036	Emu Park Reservoir	\$ 2,080,000
13	2041	Pacific Heights Res to Emu Park Res (375mm)	\$ 5,779,800
14	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
15	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
16	2006	Sandy Creek HL Pump Station	\$ 374,400
17	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
18	2006	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 3,094,000
19	2011	Construct Stage 3 of Kelly's Offstream Storage	\$ 8,073,000
20	2011	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 4,274,140
21	2021	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 2,947,256
22	2011	Woodbury WTP Pump Station Auugmentation	\$ 4,940,000
		Sub Total	\$ 80,996,786
23	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 10,530,000
		Total	\$ 91,526,786

Table C12.3 - 3b			
Option WPS35-3-2A Augmentation			
Item	Year	Description	Amount
1	2006	Yeppoon West Reservoir	\$ 1,625,000
2	2006	St Faiths Res to Yeppoon West Res Trunk Main (525mm)	\$ 7,119,840
3	2006	St Faiths Res to Yeppoon West Res Pump Station	\$ 214,500
4	2006	Yeppoon West Reservoir to Taranganba Res (600mm)	\$ 7,348,250
5	2006	Emu Park Reservoir	\$ 2,080,000
6	2021	Taranganba Res to Pacific Heights Res Trunk Main (450mm)	\$ 2,198,300
7	2021	St Faiths Res to Yeppoon West Res Pump Station	\$ 273,000
8	2031	Yaamba Res to Yeppoon West Res Trunk Main (525mm)	\$ 12,298,000
9	2031	Yaamba Pump Station	\$ 704,600
10	2031	Pump Station No 2	\$ 280,800
11	2031	Pump Station No 3	\$ 438,100
10	2031	Yaamba Res to Yeppoon West Res Trunk Main (600mm)	\$ 8,459,750
11	2026	Mulambin Beach Pump Station	\$ 260,000
12	2036	Emu Park Reservoir	\$ 2,080,000
13	2041	Pacific Heights Res to Emu Park Res (375mm)	\$ 5,779,800
14	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
15	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
16	2006	Sandy Creek HL Pump Station	\$ 374,400
17	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
18	2006	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 3,094,000
19	2011	Construct Stage 3 of Kelly's Offstream Storage	\$ 8,073,000
20	2011	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 4,274,140
21	2021	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 2,947,256
22	2011	Woodbury WTP Pump Station Auugmentation	\$ 4,940,000
		Sub Total	\$ 79,481,636
23	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 6,439,095
		Sub Total	\$ 85,920,731
24	2031	Fitzroy River Barrage Intake	\$ 475,000
25	2031	Livingstone WTP Stage 1	\$ 7,100,000
26	2031	Livingstone WTP to Yammba Pump Station Trunk Main (600mm)	\$ 5,544,920
		Sub Total	\$ 13,119,920
		Total	\$ 99,040,651

**Table C12.3 - 3c
Option WPS35-3-3A Augmentation**

Item	Year	Description	Amount
1	2006	Yeppoon St Faiths West Res to St Faiths Res Trunk Main (750mm)	\$ 1,111,500
2	2006	Emu Park Reservoir	\$ 2,080,000
3	2006	St Faiths Res to Yeppoon West Res Trunk Main (525mm)	\$ 5,800,000
4	2021	St Faiths Res to Taranganba Res Trunk Main (450mm)	\$ 2,638,350
5	2021	Upgrade St Faiths Pump Station	\$ 292,500
6	2021	Taranganba Res to Pacific Heights Res Trunk Main (450mm)	\$ 2,198,300
7	2026	Mulambin Beach Pump Station	\$ 260,000
8	2031	Yaamba Res to Yeppoon West Res Trunk Main (525mm)	\$ 28,501,200
9	2031	Exist Caves Trunk Main to Caves Reservoir Trunk Main (750mm)	\$ 2,217,800
10	2031	Yaamba Pump Station	\$ 704,600
11	2031	Pump Station No 2	\$ 378,300
12	2031	Pump Station No 3	\$ 520,000
11	2031	Caves Reservoir	\$ 304,200
12	2006	Yeppoon St Faiths West Reservoir	\$ 1,625,000
13	2036	Emu Park Reservoir	\$ 2,080,000
14	2041	Pacific Heights Res to Emu Park Res (375mm)	\$ 5,779,800
15	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
16	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
17	2006	Sandy Creek HL Pump Station	\$ 374,400
18	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
19	2006	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 3,094,000
20	2011	Construct Stage 3 of Kelly's Offstream Storage	\$ 8,073,000
21	2011	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 4,274,140
22	2021	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 2,947,256
23	2011	Woodbury WTP Pump Station Auugmentation	\$ 4,940,000
		Sub Total	\$ 84,813,246
24	2031	Fitzroy River Barrage Intake	\$ 475,000
25	2031	Livingstone WTP Stage 1	\$ 7,100,000
26	2031	Livingstone WTP to Yammba Pump Station Trunk Main (600mm)	\$ 5,544,920
		Sub Total	\$ 13,119,920
		Total	\$ 97,933,166

**Table C12.3 - 3d
Option WPS35-3-4A Augmentation**

Item	Year	Description	Amount
1	2006	Emu Park West Reservoir	\$ 2,080,000
2	2006	Emu Park Res to Emu Park West Res Trunk Main (525mm)	\$ 7,458,750
3	2006	Yeppoon St Faiths West Reservoir	\$ 1,625,000
4	2006	Yeppoon St Faiths West Res to St Faiths Res Trunk Main (600mm)	\$ 897,000
5	2016	St Faiths Res Pump Station	\$ 273,000
6	2021	St Faiths Res to Taranganbs Res Trunk Main (375mm)	\$ 2,132,000
7	2031	Yaamba Res to Yeppoon West Res Trunk Main (525mm)	\$ 12,320,100
8	2031	Yaamba Pump Station	\$ 625,300
9	2031	Yaamba Res to Yeppoon West Res Trunk Main (600mm)	\$ 13,650,000
10	2036	Emu Park Reservoir	\$ 2,080,000
11	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
12	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
13	2006	Sandy Creek HL Pump Station	\$ 374,400
14	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
15	2006	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 3,094,000
16	2011	Construct Stage 3 of Kelly's Offstream Storage	\$ 8,073,000
17	2011	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 4,274,140
18	2021	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 2,947,256
19	2011	Woodbury WTP Pump Station Auugmentation	\$ 4,940,000
		Sub Total	\$ 71,462,846
20	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 10,530,000
		Total	\$ 81,992,846

Table C12.3 - 3e
Option WPS35-3-5A Augmentation

Item	Year	Description	Amount
1	2006	Emu Park West Reservoir	\$ 2,080,000
2	2006	Emu Park Res to Emu Park West Res Trunk Main (525mm)	\$ 7,458,750
3	2006	Yeppoon St Faiths West Reservoir	\$ 1,625,000
4	2006	Yeppoon St Faiths West Res to St Faiths Res Trunk Main (600mm)	\$ 897,000
5	2016	St Faiths Res Pump Station	\$ 273,000
6	2021	St Faiths Res to Taranganbs Res Trunk Main (375mm)	\$ 2,132,000
7	2031	Yaamba Res to Yeppoon West Res Trunk Main (525mm)	\$ 16,692,000
8	2031	Yaamba Pump Station	\$ 683,800
9	2031	Pump Station No 2	\$ 378,300
9	2031	Yaamba Res to Yeppoon West Res Trunk Main (600mm)	\$ 8,645,000
10	2036	Emu Park Reservoir	\$ 2,080,000
11	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
12	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
13	2006	Sandy Creek HL Pump Station	\$ 374,400
14	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
15	2006	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 3,094,000
16	2011	Construct Stage 3 of Kelly's Offstream Storage	\$ 8,073,000
17	2011	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 4,274,140
18	2021	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 2,947,256
19	2011	Woodbury WTP Pump Station Auugmentation	\$ 4,940,000
		Sub Total	\$ 71,266,546
20	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 6,439,095
		Sub Total	\$ 77,705,641
21	2031	Fitzroy River Barrage Intake	475000
22	2031	Livingstone WTP Stage 1	\$ 7,100,000
23	2031	Livingstone WTP to Yammba Pump Station Trunk Main (600mm)	\$ 5,544,920
			\$ 13,119,920
		Total	\$ 90,825,561

Table C12.4 - 1a
Option WPS35-1-D Augmentation

Item	Year	Description	Amount
1	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
2	2006	Sandy Creek HL Pump Station	\$ 374,400
3	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
4	2006	Desalination Plant Intake	\$ 7,475,000
5	2006	Desalination Plant	\$ 29,222,603
6	2006	Desalination Plant Discharge	\$ 5,520,000
7	2006	Clear Water Storages	\$ 1,569,100
8	2006	Desalination Plant Distribution Pump Station	\$ 572,000
9	2006	Emu Park Reservoir	\$ 2,080,000
10	2006	Lammermore Beach South Pump Station	\$ 338,000
11	2006	Taranganba Pump Station	\$ 208,000
12	2008	St Faiths West Reservoir	\$ 1,625,000
13	2016	Desalination Plant Augmentation	\$ 17,517,808
14	2016	Desalination Plant Distribution Pump Station Upgrade	\$ 234,000
15	2026	Clear Water Storages Augmentation	\$ 1,569,100
16	2026	Taranganba Pump Station Augmentation	\$ 110,500
17	2028	Desalination Plant Intake	\$ 4,600,000
18	2028	Desalination Plant Augmentation	\$ 17,517,808
19	2028	Desalination Plant Discharge Augmentation	\$ 3,680,000
20	2028	Desalination Plant Distribution Pump Station Upgrade	\$ 1,040,000
21	2028	Lammermore Beach South Pump Station	\$ 182,000
22	2028	Statute Bay to Taranganba Reservoir Truck Main (375mm)	\$ 577,980
23	2038	Desalination Plant Augmentation	\$ 17,517,808
24	2038	Desalination Plant Distribution Pump Station Upgrade	\$ 195,000
25	2038	Emu Park Reservoir Augmentation	\$ 2,080,000
26	2038	Clear Water Storages Augmentation	\$ 1,569,100
27	2048	Desalination Plant to Statute Bay Truck Main (300mm)	\$ 1,304,875
28	2048	Desalination Plant Augmentation	\$ 17,517,808
29	2048	Desalination Plant Distribution Pump Station Upgrade	\$ 292,500
		SubTotal	\$ 138,510,591
30	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 11,411,595
		Total	\$ 149,922,186

Table C12.4 - 1b
Option WPS35-2-D Augmentation

Item	Year	Description	Amount
1	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
2	2006	Sandy Creek HL Pump Station	\$ 374,400
3	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
4	2006	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 3,094,000
1	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
2	2006	Desalination Plant Intake	\$ 5,750,000
3	2006	Desalination Plant	\$ 17,517,808
4	2006	Desalination Plant Discharge	\$ 4,600,000
5	2006	Clear Water Storages	\$ 1,417,000
6	2006	Desalination Plant Distribution Pump Station	\$ 422,500
7	2006	Emu Park Reservoir	\$ 2,080,000
8	2008	St Faiths West Reservoir	\$ 1,625,000
9	2016	Desalination Plant Augmentation	\$ 17,517,808
10	2016	Desalination Plant Distribution Pump Station Upgrade	\$ 331,500
11	2026	Clear Water Storages Augmentation	\$ 1,569,100
12	2028	Desalination Plant Intake	\$ 5,750,000
13	2028	Desalination Plant Augmentation	\$ 17,517,808
14	2028	Desalination Plant Discharge Augmentation	\$ 4,600,000
15	2028	Desalination Plant Distribution Pump Station Upgrade	\$ 630,500
16	2038	Desalination Plant Augmentation	\$ 17,517,808
17	2038	Desalination Plant Distribution Pump Station Upgrade	\$ 1,950,000
18	2038	Statute Bay to Taranganba Reservoir Truck Main (300mm)	\$ 540,930
19	2038	Emu Park Reservoir Augmentation	\$ 2,080,000
20	2038	Lammermore Beach South Pump Station	\$ 14,300
21	2038	Clear Water Storages Augmentation	\$ 1,569,100
22	2048	Desalination Plant Augmentation	\$ 17,517,808
23	2048	Desalination Plant Distribution Pump Station Upgrade	\$ 520,000
		SubTotal	\$ 131,126,271
24	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 11,411,595
		Total	\$ 142,537,866

Table C12.4 - 1c
Option WPS35-3-D Augmentation

Item	Year	Description	Amount
1	2006	Sandy Creek Intake and Pipeline to High Lift Pumps	\$ 169,000
2	2006	Sandy Creek HL Pump Station	\$ 374,400
3	2006	Sandy Creek HL Pump Station to Junction Trunk Main (450mm)	\$ 1,851,200
4	2006	Woodbury WTP to St Faiths Trunk Main (600mm)	\$ 3,094,000
1	2006	Water Park Creek Intake Upgrade	\$ 110,500
2	2006	Water Park Creek Pump Station Upgrade	\$ 2,198,300
3	2006	Water Park Ck Pump Station to Kelly's Offstream Storage Trunk Main (450mm)	\$ 240,500
4	2006	Construct Stage 2 of Kelly's Offstream Storage	\$ 2,598,700
5	2006	Woodbury Treatment Plant to St Faiths Trunk Main (600mm)	\$ 3,094,000
6	2006	Emu Park Reservoir	\$ 2,080,000
7	2008	St Faiths West Reservoir	\$ 1,625,000
8	2008	Construct Stage 3 of Kelly's Offstream Storage	\$ 8,073,000
9	2008	Woodbury Pump Station Augmentation	\$ 195,000
10	2008	Woodbury Treatment Plant to St Faiths Trunk Main (600mm)	\$ 4,274,140
11	2021	St Faiths Booster Pump Station Augmentation	\$ 188,500
12	2024	Desalination Plant Intake	\$ 6,670,000
13	2024	Desalination Plant	\$ 21,503,425
14	2024	Desalination Plant Discharge	\$ 4,945,000
15	2024	Clear Water Storages	\$ 1,329,900
16	2024	Desalination Plant Distribution Pump Station	\$ 435,500
17	2038	Desalination Plant Augmentation	\$ 17,517,808
18	2038	Desalination Plant Distribution Pump Station Upgrade	\$ 325,000
19	2038	Emu Park Reservoir Augmentation	\$ 2,080,000
19	2040	Clear Water Storages Augmentation	\$ 1,329,900
20	2048	Desalination Plant Augmentation	\$ 17,517,808
21	2048	Desalination Plant Distribution Pump Station Upgrade	\$ 552,500
		SubTotal	\$ 104,373,081
22	2026	Replace 'The Caves' Trunk Main (375mm)	\$ 11,411,595
		Total	\$ 115,784,676