

## Capital Charge Calculation - Sewerage

Year of Calculation

2021/22

Assumptions:

DISCOUNT RATE (pa) FOR ASSETS CONSTRUCTED BEFORE 1 JANUARY 1996  
 DISCOUNT RATE (pa) FOR ASSETS CONSTRUCTED ON OR AFTER 1 JANUARY 1996  
 DISCOUNT RATE (pa) FOR PROPOSED FUTURE ASSETS

3%  
 5%  
 5%

Year	ADAMINABY		BERRIDALE		BOMBALA		COOMA		DELEGATE		JINDABYNE		KALKITE		NIMMITABEL	
	Recoupable Capital Expenditure (MEERA \$)	Annual ET Take-up (ET)	Recoupable Capital Expenditure (MEERA \$)	Annual ET Take-up (ET)	Recoupable Capital Expenditure (MEERA \$)	Annual ET Take-up (ET)	Recoupable Capital Expenditure (MEERA \$)	Annual ET Take-up (ET)	Recoupable Capital Expenditure (MEERA \$)	Annual ET Take-up (ET)	Recoupable Capital Expenditure (MEERA \$)	Annual ET Take-up (ET)	Recoupable Capital Expenditure (MEERA \$)	Annual ET Take-up (ET)	Recoupable Capital Expenditure (MEERA \$)	Annual ET Take-up (ET)
Pre 1996	0		0		2,891		432,762		0		3,020,353		0		0	
1995/96	0	0	0	0.0	0	0.0	173	0	0	0.0	0	0.0	0	0.0	0	0
1996/97	0	1	0	7.1	0	1.3	1,574,827	21	0	1.4	0	18.8	0	0.3	0	1
1997/98	0	1	0	7.2	0	1.3	3,743,316	21	0	1.4	0	19.0	0	0.3	0	1
1998/99	0	1	0	7.3	0	1.4	0	21	0	1.4	0	19.2	0	0.3	0	1
1999/00	0	1	0	7.4	0	1.4	0	21	0	1.4	55,974	19.4	0	0.3	0	1
2000/01	0	1	0	7.4	0	1.4	0	22	0	1.4	0	19.5	0	0.3	0	1
2001/02	0	1	0	7.5	0	1.4	0	22	0	1.4	0	19.7	0	0.3	0	1
2002/03	0	1	0	7.6	0	1.4	0	22	0	1.4	154,743	19.9	0	0.3	0	1
2003/04	0	1	0	7.7	0	1.4	0	22	0	1.4	957,743	20.1	0	0.3	0	1
2004/05	0	1	0	7.8	0	1.4	0	22	0	1.4	0	20.3	0	0.3	0	1
2005/06	0	1	0	7.9	0	1.4	84,056	22	0	1.5	0	20.5	0	0.3	0	1
2006/07	0	1	0	7.9	0	1.4	0	22	0	1.5	914,617	20.7	0	0.3	0	1
2007/08	0	1	0	8.0	0	1.4	5,676	22	0	1.5	0	20.9	0	0.3	15,662	1
2008/09	0	1	4,645,462	8.1	0	1.4	5,051	22	0	1.5	0	21.1	0	0.3	0	1
2009/10	0	1	0	8.2	0	1.4	4,188	22	131,775	1.5	66,198	21.3	0	0.3	0	1
2010/11	0	1	0	8.3	0	1.4	0	22	0	1.5	0	21.5	0	0.3	0	1
2011/12	0	1	0	8.4	0	1.4	0	22	0	1.5	0	21.7	0	0.3	0	1
2012/13	0	1	0	8.5	0	1.4	509,829	23	0	1.5	352,624	21.9	0	0.3	38,814	1
2013/14	0	1	0	8.6	0	1.4	0	23	114,398	1.5	0	22.2	0	0.3	0	1
2014/15	119	1	1,197	8.7	171	1.4	4,554	23	196	1.5	3,053	22.4	41	0.3	183	1
2015/16	0	1	0	8.7	0	1.4	0	23	0	1.5	0	22.6	0	0.3	0	1
2016/17	0	1	0	8.8	0	1.4	0	23	0	1.5	2,251	22.8	0	0.3	0	1
2017/18	0	1	0	8.9	0	1.4	0	23	0	1.5	0	23.0	0	0.3	0	1
2018/19	0	1	0	9.0	0	1.4	0	23	0	1.5	0	23.3	0	0.3	0	1
2019/20	0	1	0	9.1	0	1.4	0	23	0	1.6	0	23.5	0	0.3	0	1
2020/21	0	1	0	9.2	0	1.4	0	23	0	1.6	63,458	23.7	0	0.3	0	1
2021/22	360,758	1	237,930	9.3	894,727	1.4	224,279	23	140,051	1.6	502,661	23.9	22,476	0.3	3,621	1
2022/23	1,062,621	1	199,822	9.4	13,282	1.4	230,215	24	42,424	1.6	1,105,387	24.2	112,536	0.3	4,703	1
2023/24	311	1	97,318	9.5	30,491	1.4	232,915	24	515	1.6	2,367,405	24.4	112,381	0.3	479	1
2024/25	311	1	206,561	9.6	450	1.4	193,905	24	94,599	1.6	3,557,539	24.6	30,795	0.3	11,064	1
2025/26	34,100	1	3,142	9.7	450	1.4	33,259	24	129,881	1.6	2,889,394	24.9	107	0.3	73,983	1
2026/27	45,363	1	48,347	9.8	450	1.4	302,027	24	176,924	1.6	2,617,959	25.1	67,471	0.3	26,940	1
2027/28	15,389	1	3,751	10.0	537	1.4	37,609	24	614	1.6	2,306,317	25.4	104,917	0.3	572	2
2028/29	311	1	48,347	10.1	450	1.4	88,548	24	515	1.6	383,847	25.6	45,016	0.3	479	2
2029/30	15,389	1	34,188	10.2	537	1.4	210,337	24	18,255	1.6	468,917	25.9	127	0.3	59,375	2
2030/31	60	1	497,855	10.3	65,041	1.4	189,057	24	100	1.6	1,551	26.1	21	0.3	93	2
2031/32	0	1	0	10.4	0	1.4	0	24	0	1.6	0	26.4	0	0.3	0	2
2032/33	0	1	0	10.5	0	1.4	0	25	0	1.7	0	26.6	0	0.3	0	2
2033/34	0	1	0	10.6	0	1.4	0	25	0	1.7	0	26.9	0	0.3	0	2
2034/35	0	1	0	10.7	0	1.4	0	25	0	1.7	0	27.1	0	0.3	0	2
2035/36	0	1	0	10.8	0	1.4	0	25	0	1.7	0	27.4	0	0.3	0	2
2036/37	0	1	0	11.0	0	1.4	0	25	0	1.7	0	27.7	0	0.3	0	2
2037/38	0	1	0	11.1	0	1.4	0	25	0	1.7	0	27.9	0	0.3	0	2
2038/39	0	1	0	11.2	0	1.4	0	25	0	1.7	0	28.2	0	0.3	0	2
2039/40	0	1	0	11.3	0	1.4	0	25	0	1.7	0	28.5	0	0.3	0	2
2040/41	0	1	0	11.4	0	1.4	0	25	0	1.7	0	28.8	0	0.3	0	2
2041/42	0	1	0	11.6	0	1.4	0	25	0	1.7	0	29.0	0	0.3	0	2
2042/43	0	1	0	11.7	0	1.4	0	26	0	1.7	0	29.3	0	0.3	0	2
2043/44	0	1	0	11.8	0	1.4	0	26	0	1.7	0	29.6	0	0.3	0	2
2044/45	0	1	0	11.9	0	1.4	0	26	0	1.8	0	29.9	0	0.4	0	2
2045/46	0	1	0	12.1	0	1.4	0	26	0	1.8	0	30.2	0	0.4	0	2
2046/47	0	1	0	12.2	0	1.4	0	26	0	1.8	0	30.5	0	0.4	0	2
2047/48	0	1	0	12.3	0	1.4	0	26	0	1.8	0	30.8	0	0.4	0	2
2048/49	0	1	0	12.5	0	1.4	0	26	0	1.8	0	31.1	0	0.4	0	2
2049/50	0	1	0	12.6	0	1.4	0	26	0	1.8	0	31.4	0	0.4	0	2
2050/51	0	1	0	12.7	0	1.4	0	26	0	1.8	0	31.7	0	0.4	0	2
2051/52	0	1	0	12.9	0	1.4	0	26	0	1.8	0	32.0	0	0.4	0	2
NPV Capital Cost Pre 1996 Assets	0		0		2,891		432,762		0		3,020,353		0		0	
NPV Capital Cost Post 1996 Assets	410,401		2,778,103		275,446		5,584,519		260,796		5,348,416		118,566		65,405	
NPV ET Take up @ 3%	25		242		37		621		41		622		9		39	
NPV ET Take up @ 5%	17		160		26		423		28		414		6		26	
Capital Charge Pre 1996 Assets (\$/ET)	0		0		78		697		0		4,852		0		0	
Capital Charge Post 1996 Assets (\$/ET)	23,556		17,323		10,718		13,197		9,253		12,905		19,839		2,492	
Capitl Charge (\$/ET)	23,556		17,323		10,795		13,894		9,253		17,757		19,839		2,492	