

Snowy Monaro Regional Council
Development Servicing Plan (Sewerage)

STP	ADWF (L/day)	EP	Occupancy Rate (from 2021 Census)	2020/21 ETs
Adaminaby	98,496	657	2.0	328
Berridale	298,080	1,987	2.3	864
Bombala	364,608	2,431	2.1	1,157
Cooma	1,886,112	12,574	2.2	5,715
Delegate	No data		2.1	327
Jindabyne	925,344	6,169	2.5	2,468
Kalkite	No data		2.6	113
Nimmitabel	95,904	639	2.1	304

Notes & Assumptions:

ADWF (L/EP/day) adopted = 150 The value of 200 L/EP/Day in the Developer Charges guidelines resulted in Sewer ET values that were much lower than Water ET Where metered ADWF data was not available, Sewer ET's were assumed to be equal to Water ET's (i.e. in Delegate and Kalkite)

Growth rates were generally adopted from .id forecasts projections through 2041 with some exceptions as agreed with Council:

1. Assume one new ET per year in Adaminaby
2. Bombala growth rate was based on .id forecast for new dwellings as projected population growth rate is negative
4. East Jindabyne and Berridale had slightly different growth rates - an average of the two growth rates was adopted

Limited information was available for historical growth rates due to changes in LGA and Census boundaries. The historical growth rate from 1996 to 2022 was assumed to be the same as the forecast growth rate

The growth rate beyond 2042 was assumed to be the same as the growth rate from 2022-2042, with the exception of Kalkite as 2022-2042 growth rate was based on the Planning proposal information

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Year	Growth % pa	Adaminaby			Berridale			Bombala			Cooma			Delegate			Jindabyne			Kalkite			Nimmitabel	
		Equivalent Tenements (ET)	Annual ET Take-up (ET)	Growth % pa	Equivalent Tenements (ET)	Annual ET Take-up (ET)	Growth % pa	Equivalent Tenements (ET)	Annual ET Take-up (ET)	Growth % pa	Equivalent Tenements (ET)	Annual ET Take-up (ET)	Growth % pa	Equivalent Tenements (ET)	Annual ET Take-up (ET)	Growth % pa	Equivalent Tenements (ET)	Annual ET Take-up (ET)	Growth % pa	Equivalent Tenements (ET)	Annual ET Take-up (ET)	Equivalent Tenements (ET)	Annual ET Take-up (ET)	
1995/96	0.29%	305		1.08%	661		0.12%	1,123		0.41%	5,160		0.48%	290		0.97%	1,938		0.29%	105		0.48%	270	
1996/97	0.29%	306	0.9	1.08%	668	7	0.12%	1,125	1.3	0.41%	5,181	21	0.48%	291	1.4	0.97%	1,957	19	0.29%	105	0.3	0.48%	271	1
1997/98	0.29%	307	0.9	1.08%	675	7	0.12%	1,126	1.3	0.41%	5,202	21	0.48%	293	1.4	0.97%	1,976	19	0.29%	106	0.3	0.48%	273	1
1998/99	0.29%	308	0.9	1.08%	682	7	0.12%	1,127	1.4	0.41%	5,223	21	0.48%	294	1.4	0.97%	1,995	19	0.29%	106	0.3	0.48%	274	1
1999/00	0.29%	309	0.9	1.08%	690	7	0.12%	1,129	1.4	0.41%	5,245	21	0.48%	296	1.4	0.97%	2,015	19	0.29%	106	0.3	0.48%	275	1
2000/01	0.29%	310	0.9	1.08%	697	7	0.12%	1,130	1.4	0.41%	5,266	22	0.48%	297	1.4	0.97%	2,034	20	0.29%	107	0.3	0.48%	277	1
2001/02	0.29%	311	0.9	1.08%	704	8	0.12%	1,131	1.4	0.41%	5,288	22	0.48%	299	1.4	0.97%	2,054	20	0.29%	107	0.3	0.48%	278	1
2002/03	0.29%	312	0.9	1.08%	712	8	0.12%	1,133	1.4	0.41%	5,310	22	0.48%	300	1.4	0.97%	2,074	20	0.29%	107	0.3	0.48%	279	1
2003/04	0.29%	312	0.9	1.08%	720	8	0.12%	1,134	1.4	0.41%	5,331	22	0.48%	301	1.4	0.97%	2,094	20	0.29%	108	0.3	0.48%	281	1
2004/05	0.29%	313	0.9	1.08%	728	8	0.12%	1,135	1.4	0.41%	5,353	22	0.48%	303	1.4	0.97%	2,114	20	0.29%	108	0.3	0.48%	282	1
2005/06	0.29%	314	0.9	1.08%	735	8	0.12%	1,137	1.4	0.41%	5,375	22	0.48%	304	1.5	0.97%	2,135	21	0.29%	108	0.3	0.48%	283	1
2006/07	0.29%	315	0.9	1.08%	743	8	0.12%	1,138	1.4	0.41%	5,397	22	0.48%	306	1.5	0.97%	2,156	21	0.29%	109	0.3	0.48%	285	1
2007/08	0.29%	316	0.9	1.08%	751	8	0.12%	1,140	1.4	0.41%	5,419	22	0.48%	307	1.5	0.97%	2,177	21	0.29%	109	0.3	0.48%	286	1
2008/09	0.29%	317	0.9	1.08%	760	8	0.12%	1,141	1.4	0.41%	5,442	22	0.48%	309	1.5	0.97%	2,198	21	0.29%	109	0.3	0.48%	287	1
2009/10	0.29%	318	0.9	1.08%	768	8	0.12%	1,142	1.4	0.41%	5,464	22	0.48%	310	1.5	0.97%	2,219	21	0.29%	109	0.3	0.48%	289	1
2010/11	0.29%	319	0.9	1.08%	776	8	0.12%	1,144	1.4	0.41%	5,486	22	0.48%	312	1.5	0.97%	2,241	22	0.29%	110	0.3	0.48%	290	1
2011/12	0.29%	320	0.9	1.08%	784	8	0.12%	1,145	1.4	0.41%	5,509	22	0.48%	313	1.5	0.97%	2,262	22	0.29%	110	0.3	0.48%	292	1
2012/13	0.29%	321	0.9	1.08%	793	8	0.12%	1,146	1.4	0.41%	5,531	23	0.48%	315	1.5	0.97%	2,284	22	0.29%	110	0.3	0.48%	293	1
2013/14	0.29%	322	0.9	1.08%	801	9	0.12%	1,148	1.4	0.41%	5,554	23	0.48%	316	1.5	0.97%	2,306	22	0.29%	111	0.3	0.48%	294	1
2014/15	0.29%	323	0.9	1.08%	810	9	0.12%	1,149	1.4	0.41%	5,577	23	0.48%	318	1.5	0.97%	2,329	22	0.29%	111	0.3	0.48%	296	1
2015/16	0.29%	324	0.9	1.08%	819	9	0.12%	1,151	1.4	0.41%	5,600	23	0.48%	319	1.5	0.97%	2,351	23	0.29%	111	0.3	0.48%	297	1
2016/17	0.29%	325	0.9	1.08%	828	9	0.12%	1,152	1.4	0.41%	5,623	23	0.48%	321	1.5	0.97%	2,374	23	0.29%	112	0.3	0.48%	299	1
2017/18	0.29%	325	0.9	1.08%	837	9	0.12%	1,153	1.4	0.41%	5,646	23	0.48%	322	1.5	0.97%	2,397	23	0.29%	112	0.3	0.48%	300	1
2018/19	0.29%	326	0.9	1.08%	846	9	0.12%	1,155	1.4	0.41%	5,669	23	0.48%	324	1.5	0.97%	2,420	23	0.29%	112	0.3	0.48%	302	1
2019/20	0.29%	327	0.9	1.08%	855	9	0.12%	1,156	1.4	0.41%	5,692	23	0.48%	325	1.6	0.97%	2,444	23	0.29%	113	0.3	0.48%	303	1
2020/21	0.29%	328	1.0	1.08%	864	9	0.30%	1,157	1.4	0.41%	5,715	23	0.48%	327	1.6	0.97%	2,468	24	0.29%	113	0.3	0.48%	304	1
2021/22	0.29%	329	1.0	1.08%	873	9	0.12%	1,159	1.4	0.41%	5,739	23	0.48%	329	1.6	0.97%	2,492	24	0.29%	113	0	0.48%	306	1
2022/23	0.29%	330	1.0	1.08%	883	9	0.12%	1,160	1.4	0.41%	5,762	24	0.48%	330	1.6	0.97%	2,516	24	0.29%	114	0	0.48%	307	1
2023/24	0.29%	331	1.0	1.08%	892	10	0.12%	1,162	1.4	0.41%	5,786	24	0.48%	332	1.6	0.97%	2,540	24	0.29%	114	0	0.48%	309	1
2024/25	0.29%	332	1.0	1.08%	902	10	0.12%	1,163	1.4	0.41%	5,810	24	0.48%	333	1.6	0.97%	2,565	25	0.29%	114	0	0.48%	310	1
2025/26	0.29%	333	1.0	1.08%	912	10	0.12%	1,164	1.4	0.41%	5,834	24	0.48%	335	1.6	0.97%	2,590	25	0.29%	115	0	0.48%	312	1
2026/27	0.29%	334	1.0	1.08%	922	10	0.12%	1,166	1.4	0.41%	5,858	24	0.48%	337	1.6	0.97%	2,615	25	0.29%	115	0	0.48%	313	1
2027/28	0.29%	335	1.0	1.08%	931	10	0.12%	1,167	1.4	0.41%	5,882	24	0.48%	338	1.6	0.97%	2,640	25	0.29%	115	0	0.48%	315	2
2028/29	0.29%	336	1.0	1.08%	942	10	0.12%	1,169	1.4	0.41%	5,906	24	0.48%	340	1.6	0.97%	2,666	26	0.29%	116	0	0.48%	316	2
2029/30	0.29%	337	1.0	1.08%	952	10	0.12%	1,170	1.4	0.41%	5,930	24	0.48%	341	1.6	0.97%	2,692	26	0.29%	116	0	0.48%	318	2
2030/31	0.29%	338	1.0	1.08%	962	10	0.12%	1,171	1.4	0.41%	5,954	24	0.48%	343	1.6	0.97%	2,718	26	0.29%	116	0	0.48%	319	2
2031/32	0.29%	339	1.0	1.08%	972	10	0.12%	1,173	1.4	0.41%	5,979	24	0.48%	345	1.6	0.97%	2,744	26	0.29%	117	0	0.48%	321	2
2032/33	0.29%	340	1.0	1.08%	983	11	0.12%	1,174	1.4	0.41%	6,003	25	0.48%	346	1.7	0.97%	2,771	27	0.29%	117	0	0.48%	322	2
2033/34	0.29%	341	1.0	1.08%	993	11	0.12%	1,176	1.4	0.41%	6,028	25	0.48%	348	1.7	0.97%	2,798	27	0.29%	117	0	0.48%	324	2
2034/35	0.29%	342	1.0	1.08%	1,004	11	0.12%	1,177	1.4	0.41%	6,052	25	0.48%	350	1.7	0.97%	2,825	27	0.29%	118	0	0.48%	326	2
2035/36	0.29%	343	1.0	1.08%	1,015	11	0.12%	1,178	1.4	0.41%	6,077	25	0.48%	351	1.7	0.97%	2,852	27	0.29%	118	0	0.48%	327	2
2036/37	0.29%	344	1.0	1.08%	1,026	11	0.12%	1,180	1.4	0.41%	6,102	25	0.48%	353	1.7	0.97%	2,880	28	0.29%	118	0	0.48%	329	2
2037/38	0.29%	345	1.0	1.08%	1,037	11	0.12%	1,181	1.4	0.41%	6,127	25	0.48%	355	1.7	0.97%	2,908	28	0.29%	119	0	0.48%	330	2
2038/39	0.29%	346	1.0	1.08%	1,048	11	0.12%	1,183	1.4	0.41%	6,152	25	0.48%	356	1.7	0.97%	2,936	28	0.29%	119	0	0.48%	332	2
2039/40	0.29%	347	1.0	1.08%	1,060	11	0.12%	1,184	1.4	0.41%	6,178	25	0.48%	358	1.7	0.97%	2,964	28	0.29%	119	0	0.48%	333	2
2040/41	0.29%	348	1.0	1.08%	1,071	11	0.12%	1,186	1.4	0.41%	6,203	25	0.48%	360	1.7	0.97%	2,993	29	0.29%	120	0	0.48%	335	2
2041/42	0.29%	349	1.0	1.08%	1,083	12	0.12%	1,187	1.4	0.41%	6,228	25	0.48%	362	1.7	0.97%	3,022	29	0.29%	120	0	0.48%	337	2
2042/43	0.29%	350	1.0	1.08%	1,094	12	0.12%	1,188	1.4	0.41%	6,254	26	0.48%	363	1.7	0.97%	3,051	29	0.29%	120	0	0.48%	338	2
2043/44	0.29%	351	1.0	1.08%	1,106	12	0.12%	1,190	1.4	0.41%	6,279	26	0.48%	365	1.7	0.97%	3,081	30	0.29%	121	0	0.48%	340	2
2044/45	0.29%	352	1.0	1.08%	1,118	12	0.12%	1,191	1.4	0.41%	6,													