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Schedule 3 Local government infrastructure plan mapping and tables

SC3.1 Planning assumption tables

Table SC 3.1.1 Existing and projected population

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected population				
		2016	2021	2026	2031	Ultimate development
Abbot Point	Single dwellings	1,491	801	801	801	809
	Multiple dwellings	92	50	50	50	51
	Other dwellings	277	149	149	149	157
	Total	1,860	1,000	1,000	1,000	1,017
Bowen North	Single dwellings	6,113	6,109	6,152	6,171	6,617
	Multiple dwellings	2,136	2,254	2,395	2,531	2,762
	Other dwellings	21	27	33	38	45
	Total	8,270	8,390	8,580	8,740	9,425
Bowen South	Single dwellings	828	1,124	1,452	1,769	7,211
	Multiple dwellings	287	399	526	654	770
	Other dwellings	5	8	12	17	110
	Total	1,120	1,530	1,990	2,440	8,091
Collinsville	Single dwellings	1,345	1,324	1,352	1,362	2,914
	Multiple dwellings	816	820	854	878	901
	Other dwellings	799	796	824	841	858
	Total	2,960	2,940	3,030	3,080	4,673
Balance former Bowen Shire	Single dwellings	1,021	1,020	1,004	1,003	994
	Multiple dwellings	194	196	194	196	196
	Other dwellings	214	214	211	211	210
	Total	1,430	1,430	1,410	1,410	1,400
Whitsunday Islands	Single dwellings	127	128	129	130	132
	Multiple dwellings	622	612	603	593	586
	Other dwellings	1,091	1,109	1,128	1,147	1,172
	Total	1,840	1,850	1,860	1,870	1,890
Jubilee Pocket / Shute Harbour	Single dwellings	1,817	2,219	2,639	3,116	4,792
	Multiple dwellings	785	1,002	1,246	1,537	1,843
	Other dwellings	8	19	35	57	100
	Total	2,610	3,240	3,920	4,710	6,735
Cannonvale / Airlie Beach	Single dwellings	4,384	5,161	6,024	6,859	15,059
	Multiple dwellings	2,869	3,365	3,913	4,438	7,102
	Other dwellings	27	34	43	53	81
	Total	7,280	8,560	9,980	11,350	22,242

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected population				
		2016	2021	2026	2031	Ultimate development
Proserpine	Single dwellings	2,985	3,056	3,124	3,197	3,260
	Multiple dwellings	647	703	761	823	886
	Other dwellings	18	22	25	29	231
	Total	3,650	3,780	3,910	4,050	4,377
Balance former Whitsunday Shire	Single dwellings	4,893	5,157	5,457	5,737	5,989
	Multiple dwellings	454	485	521	556	588
	Other dwellings	13	17	22	28	33
	Total	5,360	5,660	6,000	6,320	6,610
Inside priority infrastructure area (total)	Single dwellings	17,151	18,646	20,438	22,205	39,853
	Multiple dwellings	6,107	7,062	8,037	9,028	14,265
	Other dwellings	1,696	1,712	1,804	1,893	1,425
	Total	24,953	27,420	30,279	33,127	55,542
Outside priority infrastructure area (total)	Single dwellings	7,853	7,452	7,695	7,939	7,924
	Multiple dwellings	2,796	2,823	3,026	3,228	1,421
	Other dwellings	777	684	679	677	1,572
	Total	11,426	10,960	11,400	11,844	10,917
Whitsunday Region	Single dwellings	25,005	26,098	28,134	30,144	47,777
	Multiple dwellings	8,903	9,885	11,063	12,256	15,686
	Other dwellings	2,473	2,396	2,483	2,570	2,997
	Total	36,380	38,380	41,680	44,970	66,460

Table SC 3.1.2 Existing and projected employees

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected employees				
		2016	2021	2026	2031	Ultimate development
Abbot Point	Retail	20	21	22	22	23
	Commercial	75	78	80	83	85
	Industrial	131	166	200	234	269
	Community	38	40	41	43	44
	Other	161	182	203	224	245
	Total	425	486	546	607	667
Bowen North	Retail	624	634	643	653	663
	Commercial	1,030	1,075	1,120	1,165	1,210
	Industrial	798	816	834	852	870
	Community	529	563	596	629	662
	Other	923	914	905	896	887
	Total	3,903	4,000	4,097	4,194	4,291
Bowen South	Retail	45	50	55	59	64
	Commercial	87	91	94	97	100
	Industrial	61	63	64	66	68
	Community	41	45	49	53	57
	Other	92	100	108	116	124
	Total	327	348	369	391	412
Collinsville	Retail	101	103	105	108	110
	Commercial	194	198	202	206	210
	Industrial	125	153	181	209	238
	Community	123	124	126	127	129
	Other	146	160	174	188	202
	Total	689	739	788	838	888
Balance former Bowen Shire	Retail	57	58	59	59	60
	Commercial	93	92	92	91	90
	Industrial	37	32	27	22	18
	Community	39	37	35	33	31
	Other	1,442	1,567	1,692	1,817	1,941
	Total	1,668	1,786	1,904	2,022	2,140
Whitsunday Islands	Retail	166	174	181	189	197
	Commercial	701	740	778	817	855
	Industrial	9	9	9	9	10
	Community	31	34	36	38	40
	Other	33	36	39	43	46
	Total	940	992	1,044	1,096	1,148
Jubilee Pocket / Shute Harbour	Retail	235	247	259	270	282
	Commercial	378	401	424	447	470
	Industrial	116	118	119	121	123

Column 1	Column 2	Column 3				
Projection area	LGIP development type	Existing and projected employees				
		2016	2021	2026	2031	Ultimate development
	Community	77	91	104	117	130
	Other	149	153	156	160	164
	Total	955	1,008	1,061	1,115	1,168
Cannonvale / Airlie Beach	Retail	785	906	1,027	1,148	1,269
	Commercial	1,565	1,924	2,283	2,643	3,002
	Industrial	575	685	795	905	1,015
	Community	580	674	768	863	957
	Other	542	596	649	702	755
	Total	4,047	4,785	5,522	6,260	6,998
Proserpine	Retail	233	235	238	240	243
	Commercial	556	576	596	617	637
	Industrial	393	404	415	426	437
	Community	301	319	337	355	374
	Other	305	311	317	323	329
	Total	1,787	1,845	1,903	1,961	2,019
Balance former Whitsunday Shire	Retail	162	168	174	180	186
	Commercial	454	480	506	532	559
	Industrial	245	245	245	245	245
	Community	286	298	310	323	335
	Other	1,072	1,067	1,063	1,058	1,054
	Total	2,218	2,258	2,298	2,338	2,378
Inside priority infrastructure area (total)	Retail	1,680	1,819	1,956	2,095	2,233
	Commercial	3,551	3,962	4,374	4,788	5,205
	Industrial	1,722	1,884	2,047	2,210	2,373
	Community	1,415	1,558	1,701	1,845	1,989
	Other	3,365	3,564	3,759	3,952	4,145
	Total	11,731	12,787	13,837	14,889	15,945
Outside priority infrastructure area (total)	Retail	749	777	806	835	864
	Commercial	1,583	1,694	1,801	1,908	2,014
	Industrial	768	806	843	881	918
	Community	631	666	700	735	770
	Other	1,500	1,523	1,548	1,575	1,604
	Total	5,230	5,466	5,698	5,934	6,169
Whitsunday Region	Retail	2,428	2,595	2,762	2,929	3,096
	Commercial	5,133	5,654	6,175	6,696	7,217
	Industrial	2,489	2,689	2,890	3,090	3,290
	Community	2,045	2,223	2,401	2,580	2,758
	Other	4,864	5,085	5,306	5,527	5,748
	Total	16,959	18,246	19,534	20,821	22,109

Table SC 3.1.3 Planned density and demand generation rate for a trunk infrastructure network

Column 1 Area classification	Column 2 LGIP development type	Column 3 Planned density		Column 4 Demand generation rate for a trunk infrastructure network			
		Non-residential plot ratio (m ² of GFA/dev ha)	Residential density (dwellings/dev ha)	Water supply network (EP/dev ha)	Sewerage network (EP/dev ha)	Transport network (vpd/dev ha)	Parks and land for community facilities network (ha/1000 persons)
Residential development							
Low density	Single dwellings	Not applicable	10	28	28	90	3.5
Low medium density	Single dwellings Multiple dwellings	Not applicable	20	48	48	110	3.5
Mixed use ¹	Multiple dwellings	Not applicable	30	57	57	87	3.5
Tourist Accommodation ¹	Multiple dwellings Other dwellings	Not applicable	8	38	38	58	3.5
Country living	Single dwellings Multiple dwellings Other dwellings	Not applicable	2	Not applicable	Not applicable	18	3.5
Non-residential development and mixed development							
Centre zones	Retail Commercial	4000	Not applicable	88	52	4840	Not applicable
Industrial zones	Industry	2500	Not applicable	32.5	17.5	112.5	Not applicable
Community facilities	Community purpose	2000	Not applicable	22	14	90	Not applicable
Mixed use ¹	Retail Commercial	4000	Not applicable	88	52	4840	Not applicable
Tourist accommodation ¹	Retail Commercial	100	Not applicable	33	27	1800	Not applicable

Note—1. Table SC 3.1.3 Column 1 Mixed use and Tourist accommodation development may generate residential or non-residential demand or both. Where development has elements of both residential and non-residential demand generation rates must be applied accumulatively considering the nature of all uses.

Table SC 3.1.4 Existing and projected residential dwellings

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected residential dwellings				
		2016	2021	2026	2031	Ultimate development
Abbot Point	Single dwellings	537	292	294	297	303
	Multiple dwellings	59	32	32	32	32
	Other dwellings	277	149	149	149	157
	Total	873	473	475	478	492
Bowen North	Single dwellings	2,416	2,434	2,471	2,498	2,701
	Multiple dwellings	1,180	1,246	1,323	1,398	1,526
	Other dwellings	21	27	33	38	45
	Total	3,617	3,707	3,827	3,934	4,271
Bowen South	Single dwellings	279	382	499	613	2,519
	Multiple dwellings	172	237	311	385	450
	Other dwellings	5	8	12	17	110
	Total	456	627	822	1,015	3,079
Collinsville	Single dwellings	587	581	596	603	1,294
	Multiple dwellings	396	398	415	426	438
	Other dwellings	799	796	824	841	858
	Total	1,782	1,775	1,835	1,870	2,590
Balance former Bowen Shire	Single dwellings	404	406	403	406	406
	Multiple dwellings	92	93	93	93	93
	Other dwellings	214	214	211	211	210
	Total	710	713	707	710	709
Whitsunday Islands	Single dwellings	50	51	52	52	54
	Multiple dwellings	295	290	286	281	278
	Other dwellings	1,091	1,109	1,128	1,147	1,172
	Total	1,436	1,450	1,466	1,480	1,504
Jubilee Pocket / Shute Harbour	Single dwellings	721	887	1,064	1,267	1,964
	Multiple dwellings	429	548	681	840	1,007
	Other dwellings	8	19	35	57	100
	Total	1,158	1,454	1,780	2,164	3,071
Cannonvale / Airlie Beach	Single dwellings	1,713	2,032	2,391	2,744	6,073
	Multiple dwellings	1,479	1,734	2,017	2,288	3,661
	Other dwellings	27	34	43	53	81
	Total	3,219	3,800	4,451	5,085	9,815
Proserpine	Single dwellings	1,166	1,203	1,240	1,279	1,315
	Multiple dwellings	412	448	485	524	564
	Other dwellings	18	22	25	29	231
	Total	1,596	1,673	1,750	1,832	2,110
Balance former Whitsunday Shire	Single dwellings	1,897	2,015	2,148	2,277	2,395
	Multiple dwellings	238	254	273	291	308
	Other dwellings	13	17	22	28	33

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected residential dwellings				
		2016	2021	2026	2031	Ultimate development
	Total	2,148	2,286	2,443	2,596	2,736
Inside priority infrastructure area (total)	Single dwellings	6,513	7,154	7,910	8,663	15,866
	Multiple dwellings	3,168	3,674	4,193	4,721	7,645
	Other dwellings	1,649	1,667	1,760	1,850	1,425
	Total	11,330	12,496	13,864	15,234	24,936
Outside priority infrastructure area (total)	Single dwellings	3,257	3,128	3,248	3,372	3,158
	Multiple dwellings	1,584	1,606	1,722	1,838	711
	Other dwellings	824	729	723	720	1,572
	Total	5,665	5,463	5,692	5,930	5,441
Whitsunday Region	Single dwellings	9,770	10,282	11,157	12,035	19,024
	Multiple dwellings	4,752	5,280	5,914	6,559	8,357
	Other dwellings	2,473	2,396	2,483	2,570	2,997
	Total	16,995	17,958	19,554	21,164	30,378

Table SC 3.1.5 Existing and projected non-residential floor space

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected non-residential floor space (m ² GFA)				
		2016	2021	2026	2031	Ultimate development
Abbot Point	Retail	629	659	688	718	747
	Commercial	1,501	1,552	1,602	1,653	1,703
	Industrial	15,779	19,899	24,018	28,137	32,256
	Community	2,671	2,778	2,884	2,991	3,098
	Other	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	Total	20,580	24,888	29,192	33,499	37,804
Bowen North	Retail	19,963	20,275	20,586	20,898	21,210
	Commercial	20,592	21,493	22,394	23,294	24,195
	Industrial	95,724	97,884	100,044	102,204	104,364
	Community	37,057	39,378	41,699	44,019	46,340
	Other	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	Total	173,337	179,030	184,723	190,416	196,109
Bowen South	Retail	1,441	1,593	1,745	1,896	2,048
	Commercial	1,749	1,810	1,871	1,931	1,992
	Industrial	7,319	7,517	7,715	7,914	8,112
	Community	2,890	3,157	3,424	3,691	3,959
	Other	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	Total	13,400	14,078	14,755	15,433	16,111
Collinsville	Retail	3,231	3,303	3,375	3,448	3,520
	Commercial	3,889	3,965	4,042	4,118	4,195
	Industrial	15,008	18,381	21,754	25,127	28,500
	Community	8,575	8,680	8,785	8,890	8,995
	Other	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	Total	30,702	34,329	37,956	41,583	45,210
Balance former Bowen Shire	Retail	1,836	1,855	1,875	1,894	1,914
	Commercial	1,858	1,844	1,830	1,817	1,803
	Industrial	4,408	3,834	3,260	2,686	2,112
	Community	2,709	2,574	2,439	2,305	2,170
	Other	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	Total	10,810	10,107	9,404	8,701	7,999
Whitsunday Islands	Retail	5,310	5,556	5,803	6,049	6,296
	Commercial	14,020	14,792	15,564	16,335	17,107
	Industrial	1,100	1,113	1,126	1,139	1,152
	Community	2,196	2,351	2,505	2,660	2,814
	Other	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	Total	22,626	23,811	24,997	26,183	27,369
Jubilee Pocket / Shute Harbour	Retail	7,531	7,906	8,280	8,655	9,030
	Commercial	7,551	8,011	8,471	8,931	9,391
	Industrial	13,907	14,105	14,303	14,502	14,700

Column 1	Column 2	Column 3				
Projection area	LGIP development type	Existing and projected non-residential floor space (m ² GFA)				
		2016	2021	2026	2031	Ultimate development
	Community	5,417	6,338	7,259	8,179	9,100
	Other	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	Total	34,406	36,360	38,314	40,268	42,221
Cannonvale / Airlie Beach	Retail	25,126	28,993	32,859	36,726	40,592
	Commercial	31,294	38,482	45,669	52,857	60,044
	Industrial	68,970	82,181	95,391	108,602	121,812
	Community	40,571	47,173	53,775	60,377	66,980
	Other	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	Total	165,962	196,829	227,695	258,561	289,428
Proserpine	Retail	7,448	7,530	7,612	7,694	7,776
	Commercial	11,119	11,523	11,927	12,331	12,735
	Industrial	47,121	48,436	49,750	51,065	52,380
	Community	21,062	22,333	23,604	24,874	26,145
	Other	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	Total	86,750	89,822	92,893	95,965	99,036
Balance former Whitsunday Shire	Retail	5,182	5,370	5,559	5,747	5,936
	Commercial	9,078	9,601	10,124	10,647	11,170
	Industrial	29,344	29,370	29,396	29,422	29,448
	Community	20,024	20,876	21,728	22,580	23,433
	Other	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	Total	63,627	65,217	66,807	68,397	69,987
Inside priority infrastructure area (total)	Retail	63,065	67,927	72,775	77,614	82,445
	Commercial	83,321	92,495	101,687	110,894	120,115
	Industrial	242,434	263,988	285,527	307,057	328,582
	Community	116,213	127,314	138,419	149,528	160,641
	Other	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	Total	505,033	551,723	598,407	645,094	691,784
Outside priority infrastructure area (total)	Retail	14,631	15,112	15,607	16,111	16,624
	Commercial	19,330	20,578	21,807	23,020	24,220
	Industrial	56,244	58,732	61,231	63,739	66,255
	Community	26,961	28,325	29,684	31,039	32,392
	Other	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	Total	117,166	122,748	128,328	133,909	139,491
Whitsunday Region	Retail	77,696	83,039	88,382	93,725	99,069
	Commercial	102,652	113,073	123,494	133,914	144,336
	Industrial	298,678	322,720	346,758	370,797	394,837
	Community	143,174	155,638	168,103	180,567	193,033
	Other	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	Total	622,199	674,471	726,735	779,003	831,275

Table 3.1.6 Existing and projected demand for the water supply network

Column 1 Service catchment ¹	Column 2 LGIP development category	Column 3 Existing and projected demand (EP)				
		2016	2021	2026	2031	Ultimate development
Catchment 1- Town of Whitsunday	Residential	10,847	13,021	15,440	17,962	31,853
	Non-residential	3,166	3,700	4,234	4,769	5,302
	Total	14,012	16,721	19,674	22,730	37,155
Catchment 2 - Bowen	Residential	10,124	10,789	11,590	12,353	18,513
	Non-residential	2,743	2,835	2,927	3,020	3,112
	Total	12,866	13,624	14,518	15,373	21,625
Catchment 3 - Collinsville	Residential	4,157	4,140	4,279	4,360	6,262
	Non-residential	446	494	543	591	639
	Total	4,603	4,635	4,822	4,950	6,901
Catchment 4 - Proserpine	Residential	4,227	4,425	4,623	4,834	5,414
	Non-residential	1,253	1,294	1,336	1,378	1,420
	Total	5,480	5,719	5,959	6,212	6,834
Inside priority infrastructure area (total)	Residential	29,355	32,375	35,933	39,508	62,042
	Non-residential	7,607	8,324	9,040	9,757	10,473
	Total	36,962	40,699	44,973	49,265	72,515
Outside priority infrastructure area (total)	Residential	3,418	3,218	3,279	3,347	3,623
	Non-residential	1,818	1,898	1,978	2,058	2,138
	Total	5,236	5,116	5,257	5,404	5,761
Whitsunday Region	Residential	32,773	35,593	39,212	42,855	65,665
	Non-residential	9,425	10,222	11,018	11,815	12,611
	Total	42,198	45,815	50,230	54,669	78,276

Note—2. Table SC 3.1.6 Column 1 The service catchments for the water supply network are identified on Local government infrastructure plan maps – PFTI WN – 01A:01E (LGIP Plans for Trunk Infrastructure Water Network Catchment Map) in Schedule 3 (local government infrastructure mapping and tables).

Table 3.1.7 Existing and projected demand for the sewerage network

Column 1 Service catchment ²	Column 2 LGIP development category	Column 3 Existing and projected demand (EP)				
		2016	2021	2026	2031	Ultimate development
Catchment 1 - Town of Whitsunday	Residential	10,847	13,021	15,440	17,962	31,853
	Non-residential	1,837	2,147	2,458	2,768	3,078
	Total	12,684	15,168	17,898	20,730	34,931
Catchment 2 - Bowen	Residential	10,124	10,789	11,590	12,353	18,513
	Non-residential	1,570	1,625	1,679	1,733	1,787
	Total	11,694	12,413	13,269	14,086	20,300
Catchment 3 - Collinsville	Residential	4,157	4,140	4,279	4,360	6,262
	Non-residential	258	284	310	336	363
	Total	4,415	4,424	4,589	4,696	6,625
Catchment 4 - Proserpine	Residential	4,227	4,425	4,623	4,834	5,414
	Non-residential	719	743	767	792	816
	Total	4,946	5,168	5,391	5,625	6,231
Inside priority infrastructure area (total)	Residential	29,355	32,375	35,933	39,508	62,042
	Non-residential	4,384	4,799	5,214	5,630	6,045
	Total	33,739	37,174	41,147	45,137	68,087
Outside priority infrastructure area (total)	Residential	3,418	3,218	3,279	3,347	3,623
	Non-residential	1,054	1,099	1,144	1,189	1,234
	Total	4,472	4,317	4,424	4,536	4,857
Whitsunday Region	Residential	32,773	35,593	39,212	42,855	65,665
	Non-residential	5,437	5,898	6,358	6,819	7,279
	Total	38,211	41,491	45,570	49,674	72,945

Note—3. Table SC 3.1.7 Column 1 The service catchments for the sewer network are identified on Local government infrastructure plan maps – PFTI SN – 01A:01E (LGIP Plans for Trunk Infrastructure Sewer Network Catchment Map) in Schedule 3 (local government infrastructure mapping and tables).

Table 3.1.8 Existing and projected demand for the stormwater network

Column 1 Service catchment ³	Column 2 LGIP development category	Column 3 Existing and projected demand (imp ha)				
		2016	2021	2026	2031	Ultimate development
Catchment 1 - Town of Whitsunday	Residential					
	Non-residential					
	Total					
Catchment 2 - Bowen	Residential					
	Non-residential					
	Total					
Catchment 3 - Collinsville	Residential					
	Non-residential					
	Total					
Catchment 4 - Proserpine	Residential					
	Non-residential					
	Total					
Inside priority infrastructure area (total)	Residential					
	Non-residential					
	Total					
Outside priority infrastructure area (total)	Residential					
	Non-residential					
	Total					
Whitsunday Region	Residential					
	Non-residential					
	Total					

Due to incomplete network information, a table of existing and projected demand for the stormwater network is unable to be included.

Recommendations identified as a result of future network planning is anticipated to be incorporated into future amendments to the LGIP.

Note—4. Table SC 3.1.8 Column 1 The service catchments for the stormwater network are identified on Local government infrastructure plan maps – PFTI SWN – 01A:01E (LGIP Plans for Trunk Infrastructure Stormwater Network Catchment Map) in Schedule 3 (local government infrastructure mapping and tables).

Table SC 3.1.9 Existing and projected demand for the transport network

Column 1 Service catchment ⁴	Column 2 LGIP development category	Column 3 Existing and projected demand (vpd)				Ultimate development
		2016	2021	2026	2031	
Catchment 1 - Town of Whitsunday	Residential	29,645	35,567	42,130	48,960	88,532
	Non-residential	111,458	130,694	149,928	169,163	188,398
	Total	141,103	166,261	192,058	218,123	276,930
Catchment 2 - Bowen	Residential	28,068	30,004	32,335	34,554	53,733
	Non-residential	75,608	78,708	81,805	84,903	88,002
	Total	103,676	108,712	114,140	119,457	141,735
Catchment 3 - Collinsville	Residential	12,307	12,251	12,655	12,886	18,975
	Non-residential	13,149	13,527	13,907	14,286	14,667
	Total	25,456	25,778	26,562	27,172	33,642
Catchment 4 - Proserpine	Residential	12,284	12,826	13,372	13,949	15,081
	Non-residential	34,063	35,284	36,503	37,721	38,939
	Total	46,347	48,110	49,875	51,670	54,020
Catchment 5 – Non-urban Balance	Residential	42,938	41,524	43,378	45,252	50,323
	Non-residential	61,809	63,644	65,477	67,310	69,145
	Total	104,747	105,168	108,855	112,562	119,468
Inside priority infrastructure area (total)	Residential	82,303	90,647	100,491	110,350	176,321
	Non-residential	234,278	258,213	282,143	306,073	330,006
	Total	316,581	348,860	382,634	416,423	506,327
Outside priority infrastructure area (total)	Residential	42,938	41,524	43,378	45,252	50,323
	Non-residential	61,809	63,644	65,477	67,310	69,145
	Total	104,747	105,168	108,855	112,562	119,468
Whitsunday Region	Residential	125,241	132,171	143,869	155,601	226,644
	Non-residential	296,087	321,857	347,620	373,383	399,151
	Total	421,328	454,028	491,489	528,984	625,795

Note—5. Table SC 3.1.9 Column 1 The service catchments for the transport network are identified on Local government infrastructure plan map – PFTI TN – 01A:1E (LGIP Plans for Trunk Infrastructure Transport Network Catchment Map) in Schedule 3 (local government infrastructure mapping and tables).

Table SC 3.1.10 Existing and projected demand for the parks and land for community facilities network

Column 1 Service catchment ⁵	Column 2 LGIP development category	Column 3 Existing and projected demand (ha/1000 persons)				
		2016	2021	2026	2031	Ultimate development
Catchment 1 - Town of Whitsunday	Residential	33.3	39.9	47.1	54.5	99.0
	Non-residential	0	0	0	0	0
	Total	33.3	39.9	47.1	54.5	99.0
Catchment 2 - Bowen	Residential	31.6	33.4	35.6	37.7	58.7
	Non-residential	0	0	0	0	0
	Total	31.6	33.4	35.6	37.7	58.7
Catchment 3 - Collinsville	Residential	9.6	9.4	9.6	9.6	13.7
	Non-residential	0	0	0	0	0
	Total	9.6	9.4	9.6	9.6	13.7
Catchment 4 - Proserpine	Residential	12.8	13.2	13.7	14.2	15.3
	Non-residential	0	0	0	0	0
	Total	12.8	13.2	13.7	14.2	15.3
Catchment 5 – Non-urban Balance	Residential	40.0	38.4	39.9	41.5	46.0
	Non-residential	0	0	0	0	0
	Total	40.0	38.4	39.9	41.5	46.0
Inside priority infrastructure area (total)	Residential	87.3	96.0	106.0	115.9	186.7
	Non-residential	0	0	0	0	0
	Total	87.3	96.0	106.0	115.9	186.7
Outside priority infrastructure area (total)	Residential	40.0	38.4	39.9	41.5	46.0
	Non-residential	0.0	0.0	0.0	0.0	0.0
	Total	40.0	38.4	39.9	41.5	46.0
Whitsunday Region	Residential	127.3	134.3	145.9	157.4	232.6
	Non-residential	0	0	0	0	0
	Total	127.3	134.3	145.9	157.4	232.6

Note—6. Table SC 3.1.10 Column 1 The service catchments for the parks and land for community facilities network are identified on Local government infrastructure plan map – PFTI PCFN – 01A:1E (LGIP Plans for Trunk Infrastructure Parks and Land for Community Facilities Network Catchment Map) in Schedule 3 (local government infrastructure mapping and tables).

SC3.2 Schedules of works

Table SC3.2.1 Water supply network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost ⁷
W1	New DN500 Main 9050m long from Lot 104 N25576 Proserpine Water Treatment Plant to Lot 22 RP882994 Coastal Water Treatment Plant, Proserpine to Mount Marlow	2017	\$15,542,325
W2	Upgrade DN450 Main 333m long from Proserpine high level tank to existing DN250 in Faust St, Proserpine (replacing WM_P_964; WM_P_981; WM_P_1078; WM_P_971; & WM_P_852)	2017	\$408,156
W3	New DN250 Main 130m long from Faust Street to Ann Street, Proserpine (joining WM_P_971 to WM_P_837)	2017	\$111,644
W4	New Water Intake System for Bowen Water Treatment Plant at Proserpine River - Up River Road, Crystal Brook	2017	\$1,130,000
W5	Upgrade Booster Pump Station No.2 capacity to 200L/s at Lot 1 RP739344 Coastal Water Treatment Plant, Mount Marlow (WCGR20)	2017/2018	\$581,950
W6	New DN200 Main 100m long connecting Anzac Road to Hinschen Street (joining WM_P_844 to WM_P_1346 under railway line), Proserpine	2022-2026	\$200,688
W7	One new 12ML Reservoir including two new DN500 Mains 790m long each from new Reservoir to existing trunk Main at Shute Harbour Road and 60mx100m Land (6000m ²) on Lot 9 SP218209, Cannonvale	2022-2026	\$13,288,800
W8	One new 12ML Reservoirs including two new DN500 Mains 1050m long from new Reservoirs to existing trunk Main at Bruce Highway and 60mx100m Land (6000m ²) on Lot 900 SP225370 Mount Bramston, Bowen	2022-2026	\$14,684,350
W9a	Upgrade DN200 Main 164m long in Bruce Highway from Main Street to Fuljames Street, Proserpine (replacing WM_P_925)	2022-2026	\$151,951
W9b	New DN200 Main 186m long from Bruce Highway to Horsford Place, Proserpine (joining WM_P_925 to WM_P_1048)	2022-2026	\$160,889
W10	Upgrade DN200 Main 190m long in Stanbury Street from Holmes Street to Ruge Street, Proserpine (replacing WM_P_872; & WM_P_874)	2022-2026	\$171,331
W11	Upgrade DN200 Main 368m long in Ridge View Road, Cannonvale (replacing WM_P_346; WM_P_487; & WM_P_504 - first 42m only)	2022-2026	\$331,840
W12	Upgrade Reservoir capacity to 90kL at Pepperberry Lane, Lot 990 SP178725, Cannon Valley (WCGR14)	2022-2026	\$714,725
W13	Two new Bores including associated new DN300 Main 157m long at Foxdale Road, Foxdale and new DN300 Main 10m long at Bruce Highway, Foxdale	2027-2031	\$655,400
W14	Two new Bores including two associated new DN300 Mains 100m long each at Proserpine Water Treatment Plant Crystalbrook Road, Proserpine	2027-2031	\$655,400

⁷ The establishment cost is expressed in current cost terms as at the base date.

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost⁸
W15	Upgrade DN250 Main 1124m long in Jubilee Pocket Road, Jubilee Pocket (replacing WM_P_616; WM_P_726; WM_P_727; WM_P_729; & WM_P_730)	2027-2031	\$1,115,753
W16	Upgrade DN200 Main 731m long in Erromango Drive, Jubilee Pocket (replacing WM_P_668; WM_P_748; WM_P_707; WM_P_710; WM_P_712; & WM_P_714)	2027-2031	\$669,819
W17	Upgrade Reservoir capacity to 100kL at Lot 94 RP748476 Moonlight Drive, Jubilee Pocket (WCGR01)	2027-2031	\$991,575
W18	Upgrade Reservoir capacity to 160kL at Lot 103 RP743876 Macona Crescent, Cannonvale (WCGR07)	2027-2031	\$413,354
W19	Upgrade Reservoir capacity to 110kL at Lot 163 HR1525 Parkwood Terrace, Cannonvale (WCGR06)	2027-2031	\$346,684
W20	Upgrade Booster Pump Station No.2 capacity to 260L/s at Lot 1 RP739344 Coastal Water Treatment Plant, Mount Marlow (WCGR20)	2027-2031	\$1,115,753
TOTAL			\$52,998,984

⁸ The establishment cost is expressed in current cost terms as at the base date.

Table SC3.2.2 Sewerage network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost⁹
S1	Upgrade Sewer Pump Station 1 capacity to 88L/s @ 62m at Lot 1 RP742660 Shute Harbour Road, Jubilee Pocket (JUB11-PS1), including bypass of Cannonvale Sewer Pump Station 6	2018	\$151,307
S2	Upgrade Sewer Pump Station 12 capacity to 64L/s @ 24m at Lot 61 RP800716 Carlo Drive, Cannonvale (CANN12-PS12)	2018	\$104,751
S3	Upgrade Bowen Sewer Treatment Plant capacity at Lot 207 RP800719 Elphinstone Street, Bowen, inclusive of a recycled local water system	2021	\$44,748,000
S4	Upgrade Sewer Pump Station 3 capacity to 62L/s @ 57m at Lot 1 RP725974 Dalrymple Street, Bowen (PS3)	2022-2026	\$140,459
S5	Upgrade DN225 Rising Main 925m long from Cannonvale Pump Station 12 (CANN12-PS12) to Cannonvale Sewer Treatment Plant (CANN1-STP at Lot 164 HR1551), Cannonvale (replacing SM_P_3076)	2022-2026	\$778,717
S6	New DN375 Combined Rising Main 870m long from SM_P_3428 at Edwards Street to Proserpine Sewer Treatment Plant Lot 1 SP241784 Bruce Highway, Proserpine, incorporating an aerial crossing at Proserpine River and a DN200 Main 40m long micro-tunnelled under Bruce Highway	2022-2026	\$908,915
S7	Upgrade Sewer Pump Station Z capacity to 92L/s @ 21m (Bowen Z)	2022-2026	\$115,938
TOTAL			\$46,984,087

⁹ The establishment cost is expressed in current cost terms as at the base date.

Table SC3.2.3 Stormwater network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost
	Due to incomplete network information, a schedule of works for the stormwater network is unable to be included.		
	Recommendations identified as a result of future network planning is anticipated to be incorporated into future amendments to the LGIP.		
TOTAL			

Table SC3.2.4 Transport network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost¹⁰
T1	Upgrade Beach Road to Minor Collector 200m from Herring Lane to Schnapper Street, Cannonvale (21085) including road upgrade, widening and drainage	2017	\$581,700
T2	Upgrade Dalrymple Street to Minor Collector 245m from Brisbane Street to Hay Street, Bowen (10185) including road upgrade, widening and drainage	2017/2018	\$811,112
T3	Upgrade Leichhardt Street to Minor Collector 705m from Don Street to Sunset Crescent, Bowen (10345) including road upgrade, widening, drainage and footpath	2017/2018	\$1,001,804
T4	Upgrade West Street to Minor Collector 760m from Richmond Road to Russell Street, Bowen (10585) including road upgrade, widening and drainage	2017/2018	\$759,223
T5	Upgrade Abell Road to Major Collector 180m from Hamilton Avenue to Parker Road, Cannonvale (21005) including road upgrade, widening and drainage	2019	\$549,707
T6	Upgrade Erromango Drive to Major Collector 695m from Shute Harbour Road to end, Jubilee Pocket (21275) including road upgrade, widening and drainage	2019	\$2,122,478
T7	New road part Erromango Drive to Major Collector 640m from Erromango Drive end to St Bees Boulevard, Jubilee Pocket (new part 21275) including road resumption and new road construction to Major Collector standard	2020	\$2,001,048
T8	Upgrade Bootooloo Road to Minor Collector 1000m from Bruce Highway to Catherine Drive, Bowen (10095) including road upgrade, widening and drainage	2020	\$1,720,892
T9	Upgrade Dalrymple Street to Minor Collector 245m from Herbert Street to Brisbane Street, Bowen (10185) including road upgrade, widening and drainage	2021	\$653,672
T10	Upgrade Golf Links Road to Minor Collector 1300m from Tollington Road to Mt Nutt Road, Bowen (11165) including road upgrade, widening and drainage	2022-2026	\$3,499,997
T11	Upgrade Jasinique Drive to Rural Collector 889m from Shute Harbour Road to end, Flametree (21425) including road upgrade, widening and drainage	2022-2026	\$1,521,710
T12	Upgrade Mt Nutt Road to Major Collector 2000m from Richmond Road to Golf Links Road, Bowen (11285) including road upgrade, widening and drainage	2022-2026	\$6,631,380
T13	LGIP ID T13 has been left intentionally blank		
T14	Upgrade Riordanvale Road to Sub-Arterial 1650m from Dunning Road to Cutuli Road, Cannon Valley/Cannonvale (21730) including road upgrade, widening and drainage	2027-2031	\$6,832,980
T15	Upgrade Tollington Road to Major Collector 980m from Soldiers Road to Argyle Park Road, Bowen (11435) including road upgrade, widening and drainage	2027-2031	\$3,306,383

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost¹⁰
T16	Upgrade Country Road to Minor Collector 545m from Links Drive to Tropic Road, Cannonvale (21215) including road upgrade, widening and drainage	2027-2031	\$1,533,401
T17	New road part Parker Road to Major Collector 200m from end Parker Road to start new Quarry Road, Cannonvale (new part 21645) including new road construction to Major Collector standard	2027-2031	\$680,589
T18	Upgrade Argyle Park Road to Major Collector 1400m from Hillview Road to Golflinks Road, Bowen (11005) including road upgrade, widening and drainage	2027-2031	\$4,764,123
T19	New road Quarry Road to Major Collector 1200m from Shute Harbour Road to new part Parker Road, Cannonvale including road resumption and new road construction to Major Collector standard	2027-2031	\$4,083,534
T20	Upgrade Riordanvale Road to Rural Collector 1350m from Dunning Road to Sugarloaf Road, Cannonvale (21730) including road upgrade, widening and drainage	2027-2031	\$2,391,890
T21	Upgrade Queens Road to Major Collector 960m from Powell Street to Avoca Road, Bowen (10463) including road upgrade, widening and drainage	2027-2031	\$3,322,670
T22	Upgrade Queens Road to Major Collector 1100m from Avoca Road to Tollington Road, Bowen (10463) including road upgrade, widening and drainage	2027-2031	\$3,807,227
T23	Upgrade Richardson Road to Sub-Arterial 3310m from Gregory-Cannon Valley Road to Riordanvale Road, Cannon Valley (21725) including part new road, part road resumption, road upgrade, widening and drainage	2027-2031	\$14,180,040
T24	Upgrade Chapman Street to Major Collector 500m from Taylor Street to Marathon Street, Proserpine (20085) including road upgrade, widening and drainage	2027-2031	\$1,745,100
T25	Upgrade Links Drive to Minor Collector 310m from Valley Drive to Country Road, Cannonvale (21500) including road upgrade, widening and drainage	2027-2031	\$902,286
TOTAL			\$69,404,945

¹⁰ The establishment cost is expressed in current cost terms as at the base date.

Table SC3.2.5 Parks and land for community facilities schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost¹¹
P1	New Regional Sports Park 10-18Ha, Cannon Valley area	2027-2031	\$5,327,700
TOTAL			\$5,327,700

¹¹ The establishment cost is expressed in current cost terms as at the base date.

SC3.3 Local government infrastructure plan maps

Local government infrastructure plan map – PAM – 01:06 Projection area, priority infrastructure area and zone map

Local government infrastructure plan map – PFTI WN – 01:06 Water network plans for trunk infrastructure map

Local government infrastructure plan map – PFTI SN – 01:05 Sewerage network plans for trunk infrastructure map

Local government infrastructure plan map – PFTI SWN – 01:05 Stormwater network plans for trunk infrastructure map

Local government infrastructure plan map – PFTI TN – 01:05 Transport network plans for trunk infrastructure map

Local government infrastructure plan map – PFTI PCFN – 01:06 Parks and land for community facilities network plans for trunk infrastructure map