

Table LBS6.3: Sewer flows and connections for development areas - Future system

Future Development Area (See figure LS4.1)	Anticipated Landuse	Unit Hydrograph	AADD (kℓ/d)	Add. Pipe Length (m)	PDDWF (kℓ/d)	IPDWF (ℓ/s)
New Developments						
Ashton						
A01	Single residential 500	UH4	224	3 730	178	3.8
A02	Recreation	UH13	37	-	-	-
A03	Single residential 500	UH4	182	3 040	145	3.1
A04	Single residential 1000	UH3	27	405	20	0.3
A05	Industrial	UH10	137	1 026	91	1.6
A06	Industrial	UH10	408	3 063	272	4.7
A07	Single residential 500	UH4	363	6 050	289	6.1
A08	Single residential 500	UH4	97	1 610	77	1.6
A09	Single residential 500	UH4	32	530	25	0.5
A10	Single residential 500	UH4	11	190	9	0.2
A11	Affordable housing	UH4	78	-	51	1.2
A12	Single residential 500	UH4	13	220	10	0.2
A13	Single residential 500	UH4	5	80	4	0.1
A14	Single residential 500	UH4	4	60	3	0.1
A15	Single residential 500	UH4	7	110	5	0.1
A16	Single residential 500	UH4	13	210	10	0.2
A17	Single residential 500	UH4	9	150	7	0.2
			1 646	20 474	1 195	24.0
Bonnievale						
B01	Single residential 1000	UH3	52	780	38	0.6
B02	Single residential 1000	UH3	53	795	39	0.6
B03	Industrial	UH10	266	1 998	177	3.1
B04	Single residential 1000	UH3	68	1 020	50	0.8
B05	Single residential 500	UH4	84	1 400	67	1.4
B06	Single residential 500	UH4	725	12 080	576	12.2
B07	Single residential > 2000	UH1	113	1 350	68	1.4
B08	Industrial	UH10	71	534	47	0.8
B09	Industrial	UH10	27	201	18	0.3
			1 460	20 158	1 080	21.4
McGregor						
Mc01	Recreation	UH13	48	-	-	-
Mc02	Group housing 40 to 60	UH5	240	2 400	177	2.9
Mc03	Single residential 500	UH4	65	1 090	52	1.1
Mc04	Single residential 500	UH4	33	550	26	0.6
Mc05	Single residential 500	UH4	34	570	27	0.6
			421	4 610	282	5.2
Montagu						
M01	Single residential 1000	UH3	39	585	29	0.5
M02	Single residential 1000	UH3	53	795	39	0.6
M03	Single residential 1000	UH3	37	555	27	0.4
M04	Single residential 1000	UH3	59	885	43	0.7
M05	Industrial	UH10	12	93	8	0.1
M06	Industrial	UH10	24	177	16	0.3
M07	Single residential 1000	UH3	180	2 700	132	2.2
M08	Single residential 1000	UH3	117	1 755	86	1.4
M09	Single residential 1000	UH3	43	645	31	0.5
M11	Single residential 500	UH4	337	5 620	268	5.7
M12	Recreation	UH13	66	-	-	-
M13	Single residential 500	UH4	21	350	17	0.4
M14	Single residential > 2000	UH1	30	360	18	0.4
M15	Affordable housing	UH4	33	438	25	0.5
M16	Single residential 500	UH4	5	80	4	0.1
M17	Single residential 500	UH4	37	620	30	0.6
M18	Single residential 500	UH4	96	1 600	76	1.6
			1 189	17 258	847	16.1

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Robertson						
R01	Single residential 500	UH4	18	300	14	0.3
R02	Single residential 500	UH4	29	480	23	0.5
R03	Single residential 500	UH4	45	740	35	0.8
R04	Group housing 40 to 60	UH5	28	276	20	0.3
R05	Single residential 500	UH4	62	1 030	49	1.0
R06	Single residential 500	UH4	183	3 060	146	3.1
R07	Single residential 1000	UH3	147	2 205	108	1.8
R08	Single residential 1000	UH3	201	3 015	147	2.4
R09	Single residential 500	UH4	66	-	43	1.0
R10	Single residential 500	UH4	65	-	42	1.0
R11	Single residential 500	UH4	174	-	113	2.6
R12	Industrial	UH10	82	615	54	0.9
R13	Industrial	UH10	59	444	39	0.7
R15	Single residential 500	UH4	9	150	7	0.2
R16	Industrial	UH10	62	465	41	0.7
R17	Industrial	UH10	47	351	31	0.5
R18	Single residential 500	UH4	250	4 170	199	4.2
R19	Single residential 1000	UH3	31	465	23	0.4
R20	Single residential 1000	UH3	67	1 005	49	0.8
R21	Single residential 1000	UH3	29	435	21	0.4
R22	Single residential 1000	UH3	36	540	26	0.4
R23	Group housing 40 to 60	UH5	52	524	39	0.6
R24	Single residential 500	UH4	60	1 000	48	1.0
R25	Single residential 500	UH4	71	1 190	57	1.2
R26	Business/Commercial	UH7	4	45	3	0.1
R27	Business/Commercial	UH7	2	30	2	0.0
R28	Group housing 40 to 60	UH5	6	64	5	0.1
R29	Group housing 40 to 60	UH5	10	96	7	0.1
R30	Group housing 40 to 60	UH5	7	68	5	0.1
R31	Group housing 40 to 60	UH5	6	60	4	0.1
R32	Group housing 40 to 60	UH5	10	96	7	0.1
R33	Group housing 40 to 60	UH5	3	32	2	0.0
			1 922	22 951	1 411	27.6
Total			6 638	85 451	4 816	94.3