

Table 1. Capacity and Design Flow for Existing Trunk Sewer

Pipe ID	Existing Conditions Daily Mean Flow (gpd)	Existing Conditions Design Flow (gpd)	2040 Design Flow 1 (gpd)	Pipe Diameter (ft)	Pipe Capacity (gpd)	2040 Pipe Capacity Used 2	MCES Metershed
G-313	118,922	392,314	392,314	1	1,469,919	27%	MCES-129
G-314	119,569	392,961	392,961	1	1,662,004	24%	MCES-129
G-296	84,021	266,283	266,283	1	20,685,567	1%	MCES-129
G-306	111,167	369,047	369,047	1	1,829,012	20%	MCES-129
G-307	111,813	369,693	369,693	1	1,594,528	23%	MCES-129
G-308	116,337	383,912	383,912	1	899,221	43%	MCES-129
G-802	256,588	792,255	789,799	1	1,126,013	70%	MCES-129
G-805	259,819	802,726	800,270	1	1,128,082	71%	MCES-129
G-806	263,051	811,386	808,930	1	1,127,112	72%	MCES-129
G-807	264,344	816,298	816,298	1	1,132,218	72%	MCES-129
G-2776	145,421	467,287	467,287	1	1,137,195	41%	MCES-129
G-2779	149,946	481,506	481,506	1	999,271	48%	MCES-129
G-2781	150,592	482,152	482,152	1	1,160,656	42%	MCES-129
G-2783	153,177	490,555	490,555	1	1,125,884	44%	MCES-129
G-2784	154,470	493,786	493,786	1	328,975	150%	MCES-129
G-2785	195,188	601,915	601,915	1	1,533,839	39%	MCES-129
G-2786	196,480	603,208	603,208	1	1,124,656	54%	MCES-129
G-2787	197,127	605,728	605,728	1	1,317,129	46%	MCES-129
G-2856	282,440	870,589	873,045	1	1,446,974	60%	MCES-129
G-2857	283,087	871,235	871,235	1	925,849	94%	MCES-129
G-766	43,950	135,080	135,080	1	1,499,843	9%	MCES-129
G-767	51,059	159,640	159,640	1	1,230,846	13%	MCES-129
G-768	60,107	197,773	197,773	1	1,083,615	18%	MCES-129
G-769	60,754	198,419	198,419	1	1,084,584	18%	MCES-129
G-770	50,413	158,994	158,994	1	317,794	50%	MCES-129
G-771	50,413	158,994	158,994	1	1,444,389	11%	MCES-129
G-772	73,680	248,186	248,186	1	1,090,595	23%	MCES-129
G-1656	36,194	140,897	140,897	1	4,110,382	3%	MCES-129
G-2770	144,129	464,056	464,056	1	665,965	70%	MCES-129
G-3202	90,484	249,478	249,478	1	1,377,560	18%	MCES-129
G-3203	91,131	250,125	250,125	1	1,377,560	18%	MCES-129
G-3204	91,131	250,125	250,125	1	1,383,312	18%	MCES-129
G-3205	91,777	250,771	250,771	1	1,708,603	15%	MCES-129
G-1880	153,177	496,371	498,957	1	1,276,411	39%	MCES-129
G-3183	85,960	243,015	243,015	1	1,192,390	20%	MCES-129
G-3184	83,375	236,552	236,552	1	1,456,346	16%	MCES-129
G-3185	85,314	242,369	242,369	1	1,456,346	17%	MCES-129
G-1589	151,238	492,493	497,664	1	1,029,777	48%	MCES-129
G-1590	151,884	493,140	498,310	1	889,332	56%	MCES-129
G-1620	153,177	496,371	501,542	1	1,029,777	49%	MCES-129
G-1621	153,823	497,018	499,603	1	1,051,493	48%	MCES-129
G-1649	71,095	264,990	264,990	1	1,126,660	24%	MCES-129
G-1654	646	646	646	1	4,610,437	0%	MCES-129
G-1655	34,901	137,666	137,666	1	4,111,868	3%	MCES-129
G-2799	265,636	821,210	821,210	1	1,127,694	73%	MCES-129
G-2800	267,575	826,769	826,769	1	146,197	566%	MCES-129
G-2801	268,868	831,681	831,681	1	1,793,529	46%	MCES-129
G-2802	268,868	831,681	831,681	1	1,030,229	81%	MCES-129
G-2952	45,242	130,556	130,556	1	4,524,671	3%	MCES-129
G-2966	15,512	46,535	46,535	1	1,628,266	3%	MCES-129
G-2967	15,512	46,535	46,535	1	1,507,470	3%	MCES-129
G-2968	15,512	46,535	46,535	1	1,438,766	3%	MCES-129
G-2969	19,390	56,230	56,230	1	1,652,503	3%	MCES-129
G-5324	119,569	387,144	387,144	1	1,114,444	35%	MCES-129
G-3186	85,960	243,015	243,015	1	1,837,479	13%	MCES-129
G-2733	120,215	389,729	389,729	1	1,025,770	38%	MCES-129
G-2734	121,508	392,961	392,961	1	1,079,996	36%	MCES-129
G-2736	123,447	398,778	398,778	1	1,079,414	37%	MCES-129
G-2737	124,093	401,363	401,363	1	2,059,877	19%	MCES-129
G-2744	127,971	412,997	412,997	1	756,062	55%	MCES-129
G-2745	128,617	413,643	413,643	1	633,455	65%	MCES-129
G-2748	131,849	424,630	424,630	1	1,803,677	24%	MCES-129
G-2749	131,849	424,630	424,630	1	1,130,279	38%	MCES-129
G-2750	132,495	425,277	425,277	1	1,137,195	37%	MCES-129
G-2751	138,312	446,605	446,605	1	1,853,120	24%	MCES-129
G-2830	281,794	868,133	868,133	1	1,047,486	83%	MCES-129
G-2831	282,440	870,589	870,589	1	1,046,710	83%	MCES-129
G-2911	54,937	163,518	163,518	1	3,353,739	5%	MCES-129
G-2912	59,461	179,676	179,676	1	2,351,042	8%	MCES-129

Pipe ID	Existing Conditions Daily Mean Flow (gpd)	Existing Conditions Design Flow (gpd)	2040 Design Flow 1 (gpd)	Pipe Diameter (ft)	Pipe Capacity (gpd)	2040 Pipe Capacity Used 2	MCES Metershed
G-2913	60,107	180,322	180,322	1	4,592,211	4%	MCES-129
G-2948	43,303	126,678	126,678	1	1,449,495	9%	MCES-129
G-2949	43,303	126,678	126,678	1	1,452,985	9%	MCES-129
G-2950	43,303	126,678	126,678	1	1,952,976	6%	MCES-129
G-2951	43,950	129,263	129,263	1	3,423,282	4%	MCES-129
G-2970	20,036	56,876	56,876	1	1,517,681	4%	MCES-129
G-2971	20,682	57,522	57,522	1	1,519,039	4%	MCES-129
G-2972	20,682	59,461	59,461	1	1,519,039	4%	MCES-129
G-2973	21,328	60,107	60,107	1	1,524,791	4%	MCES-129
G-2975	646	646	646	1	2,800,233	0%	MCES-129
G-3096	54,291	151,238	151,238	1	1,084,714	14%	MCES-129
G-3097	54,937	153,823	153,823	1	1,080,707	14%	MCES-129
G-3098	56,876	159,640	159,640	1	1,126,401	14%	MCES-129
G-3099	58,169	162,872	162,872	1	880,478	18%	MCES-129
G-3100	63,985	182,261	182,261	1	2,029,758	9%	MCES-129
G-3101	64,632	182,908	182,908	1	1,527,699	12%	MCES-129
G-3102	65,924	186,139	186,139	1	1,527,441	12%	MCES-129
G-3103	66,571	188,725	188,725	1	1,527,441	12%	MCES-129
G-3104	67,217	191,310	191,310	1	855,465	22%	MCES-129
G-3105	70,449	196,480	196,480	1	2,610,991	8%	MCES-129
G-3106	76,912	218,455	218,455	1	847,968	26%	MCES-129
G-3107	78,851	222,333	222,333	1	1,082,258	21%	MCES-129
G-3108	80,143	227,504	227,504	1	1,460,676	16%	MCES-129
G-3109	81,436	230,735	230,735	1	1,494,608	15%	MCES-129
G-3110	83,375	236,552	236,552	1	1,456,346	16%	MCES-129
G-3888	154,470	499,603	502,188	1	3,089,395	16%	MCES-129
G-3468	10,987	34,255	34,255	1	1,382,860	2%	MCES-129
G-3469	11,634	36,840	36,840	1	1,376,138	3%	MCES-129
G-3949	128,617	421,399	423,984	1	1,408,971	30%	MCES-129
G-3950	129,263	423,984	426,569	1	1,388,612	31%	MCES-129
G-3960	129,910	424,630	429,801	1	1,456,346	30%	MCES-129
G-3963	131,202	429,801	432,386	1	4,312,873	10%	MCES-129
G-3964	151,238	490,555	493,140	1	130,233	379%	MCES-129
G-3965	151,238	492,493	497,664	1	1,029,777	48%	MCES-129
G-3966	37,486	146,068	146,068	1	1,098,674	13%	MCES-129
G-3967	37,486	146,068	146,068	1	3,053,524	5%	MCES-129
G-3968	73,034	268,868	268,868	1	1,128,082	24%	MCES-129
G-3969	90,484	336,731	336,731	1	1,128,082	30%	MCES-129
G-3975	101,472	374,864	374,864	1	1,131,766	33%	MCES-129
G-3976	339,963	614,343	614,343	1	1,129,503	54%	MCES-129
G-3977	339,963	614,343	614,343	1	1,127,694	54%	MCES-129
G-3992	235,259	391,132	391,132	1	23,059,942	2%	MCES-129
G-4957	285,026	1,038,890	2,609,698	1	887,716	294%	MCES-129
G-4931	646	646	261,758	1	1,081,999	24%	MCES-129
G-4932	2,585	8,402	266,929	1	1,094,215	24%	MCES-129
G-4933	2,585	10,341	395,546	1	2,302,698	17%	MCES-129
G-4934	19,390	73,680	974,581	1	1,119,873	87%	MCES-129
G-4936	646	2,585	168,042	1	1,084,584	15%	MCES-129
G-4937	12,280	47,181	507,294	1	1,080,060	47%	MCES-129
G-4938	13,573	50,413	507,940	1	1,111,277	46%	MCES-129
G-4940	47,181	184,847	1,077,410	1	1,004,958	107%	MCES-129
G-4941	47,181	184,847	1,077,410	1	1,302,587	83%	MCES-129
G-4942	47,181	184,847	1,077,410	1	1,085,489	99%	MCES-129
G-4943	47,181	184,847	1,077,410	1	1,080,060	100%	MCES-129
G-4944	47,827	185,493	1,075,665	1	1,072,563	100%	MCES-129
G-4945	47,827	185,493	1,075,665	1	1,075,795	100%	MCES-129
G-4946	47,827	185,493	1,075,665	1	1,079,543	100%	MCES-129
G-5094	138,312	535,667	1,248,426	1	2,762,165	45%	MCES-129
G-5097	76,265	303,123	499,732	1	1,511,994	33%	MCES-129
G-5098	76,265	303,123	499,732	1	1,657,868	30%	MCES-129
G-5089	153,177	589,893	1,296,253	1	3,951,582	33%	MCES-129
G-5090	155,762	599,976	1,305,560	1	2,119,209	62%	MCES-129
G-5092	97,594	388,436	1,103,522	1	2,763,328	40%	MCES-129
G-5093	136,373	528,106	1,239,119	1	2,760,613	45%	MCES-129
G-236	3,878	11,634	11,634	1	3,247,613	0%	MCES-129
G-282	60,754	184,847	184,847	1	1,406,838	13%	MCES-129
G-283	73,034	232,028	232,028	1	1,397,984	17%	MCES-129
G-292	80,790	255,295	255,295	1	1,597,502	16%	MCES-129
G-294	80,790	255,295	255,295	1	3,298,478	8%	MCES-129
G-295	80,790	255,295	255,295	1	1,523,757	17%	MCES-129

Pipe ID	Existing Conditions Daily Mean Flow (gpd)	Existing Conditions Design Flow (gpd)	2040 Design Flow 1 (gpd)	Pipe Diameter (ft)	Pipe Capacity (gpd)	2040 Pipe Capacity Used 2	MCES Metershed
G-4015	20,036	70,449	70,449	1	1,291,535	5%	MCES-129
G-4016	21,328	71,741	71,741	1	1,275,183	6%	MCES-129
G-3401	31,023	100,825	100,825	1	418,361	24%	MCES-129
G-3402	40,718	129,910	129,910	1	952,607	14%	MCES-129
G-3403	42,657	137,666	137,666	1	952,154	14%	MCES-129
G-3405	45,889	146,714	146,714	1	949,827	15%	MCES-129
G-3406	55,583	171,920	171,920	1	1,143,141	15%	MCES-129
G-3407	56,230	172,567	172,567	1	1,076,053	16%	MCES-129
G-3408	56,230	172,567	172,567	1	3,792,976	5%	MCES-129
G-4006	27,145	91,131	91,131	1	1,263,808	7%	MCES-129
G-4043	27,792	91,777	91,777	1	1,247,262	7%	MCES-129
G-4044	28,438	94,362	94,362	1	1,261,223	7%	MCES-129
G-4045	31,670	105,350	105,350	1	1,584,381	7%	MCES-129
Link306	231,381	375,621	375,621	1	5,304,517	7%	MCES-129
G-842	5,171	18,743	228,150	1	2,000,480	11%	MCES-129
G-846	19,390	73,680	1,072,628	1	2,441,398	44%	MCES-129
G-859	27,145	104,703	578,518	1	4,289,347	13%	MCES-129
G-868	23,267	93,070	730,984	1	3,256,532	22%	MCES-129
G-869	23,914	93,716	729,110	1	1,456,346	50%	MCES-129
G-1445	149,946	456,300	456,300	1	1,147,406	40%	MCES-129
G-2358	149,946	456,300	458,885	1	1,157,877	40%	MCES-129
G-2359	150,592	456,946	459,531	1	1,127,306	41%	MCES-129
G-2360	154,470	468,580	468,580	1	1,079,026	43%	MCES-129
G-2361	155,116	471,165	471,165	1	1,079,737	44%	MCES-129
G-2362	155,762	471,811	471,811	1	1,078,057	44%	MCES-129
G-4967	136,373	407,826	407,826	1	1,156,326	35%	MCES-129
G-4959	69,802	279,209	652,845	1	1,474,443	44%	MCES-129
G-4960	70,449	279,855	650,970	1	1,468,432	44%	MCES-129
G-4961	181,615	700,801	3,626,484	1	1,857,450	195%	MCES-129
G-5229	48,474	190,017	1,404,317	1	1,456,346	96%	MCES-129
G-5230	49,120	192,602	1,446,780	1	1,456,346	99%	MCES-129
G-4858	44,596	178,383	178,383	1	1,468,432	12%	MCES-129
G-5012	8,402	29,731	164,164	1	4,734,918	3%	MCES-129
G-5014	646	646	646	1	5,737,937	0%	MCES-129
G-5019	646	646	646	1	1,360,045	0%	MCES-129
G-5020	158,994	616,328	616,328	1	921,066	67%	MCES-129
G-5021	158,994	616,328	616,328	1	1,080,448	57%	MCES-129
G-5022	158,994	616,328	616,328	1	462,117	133%	MCES-129
G-5220	16,804	65,278	65,278	1	3,454,047	2%	MCES-129
G-5221	71,095	274,685	1,776,596	1	2,937,963	60%	MCES-129
G-5223	70,449	274,038	1,778,147	1	1,351,190	132%	MCES-129
G-5228	23,914	93,716	517,377	1	3,256,532	16%	MCES-129
G-5171	21,328	83,375	1,892,674	1	2,794,998	68%	MCES-129
G-5172	21,328	83,375	1,892,674	1	72,840	2598%	MCES-129
G-5173	31,023	120,215	2,117,464	1	1,091,565	194%	MCES-129
G-5174	31,023	120,215	2,117,464	1	1,125,044	188%	MCES-129
G-5175	65,278	257,234	2,168,264	1	4,281,139	51%	MCES-129
G-5213	9,695	36,840	36,840	1	1,915,942	2%	MCES-129
G-5240	6,463	25,853	173,213	1	1,491,182	12%	MCES-129
G-5241	13,573	52,352	308,293	1	1,400,310	22%	MCES-129
G-1409	21,328	69,802	69,802	1	2,306,123	3%	MCES-129
G-5222	95,009	368,401	2,032,150	1	1,846,269	110%	MCES-129
G-995132	24,560	80,790	80,790	1	797,684	10%	MCES-129
G-995133	25,206	83,375	83,375	1	1,001,597	8%	MCES-129
G-301	110,520	368,401	368,401	1	752,313	49%	MCES-129
G-9971	91,131	294,721	294,721	1	802,209	37%	MCES-129
Link3685	646	646	171,274	1	4,016,213	4%	MCES-129
G-481	18,743	74,973	74,973	1	932,312	8%	unmetered
G-482	10,341	41,364	43,950	1	921,325	5%	unmetered
G-486	8,402	33,608	33,608	1	913,892	4%	unmetered
G-1105	46,535	149,299	149,299	1	1,468,626	10%	MCES-127
G-1106	148,653	480,213	480,213	1	1,185,022	41%	MCES-127
G-1107	151,238	486,677	486,677	1	1,158,523	42%	MCES-127
G-1108	151,884	489,262	489,262	1	1,199,952	41%	MCES-127
G-1118	97,594	318,634	318,634	1	2,820,979	11%	MCES-127
G-1020	192,602	597,455	597,455	1	1,085,489	55%	MCES-127
G-1021	193,249	598,102	598,102	1	1,212,426	49%	MCES-127
G-1022	193,249	599,976	599,976	1	1,171,643	51%	MCES-127
G-1023	194,541	603,143	603,143	1	1,173,453	51%	MCES-127
G-1024	195,188	603,789	603,789	1	1,195,428	51%	MCES-127

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G-1025	195,834	606,310	606,310	1	1,151,931	53%	MCES-127
G-1138	157,701	504,774	504,774	1	1,485,301	34%	MCES-127
G-501	31,023	124,093	124,093	1	1,169,058	11%	unmetered
G-502	19,390	77,558	77,558	1	921,454	8%	unmetered
G-503	20,036	80,143	80,143	1	912,729	9%	unmetered
G-504	29,084	116,337	116,337	1	918,998	13%	unmetered
G-1090	5,817	19,390	19,390	1	1,080,060	2%	MCES-127
G-1091	6,463	20,036	20,036	1	1,080,060	2%	MCES-127
G-1092	7,109	20,682	20,682	1	2,705,030	1%	MCES-127
G-1104	45,242	146,068	146,068	1	1,392,813	10%	MCES-127
G-713	54,937	206,175	206,175	1	72,840	283%	MCES-127
G-940	219,748	680,830	680,830	1	3,669,917	19%	MCES-127
G-948	225,565	697,893	697,893	1	1,150,703	61%	MCES-127
G-949	122,154	385,851	385,851	1	1,855,641	21%	MCES-127
G-995	646	646	646	1	1,273,503	0%	MCES-127
G-996	1,939	3,878	3,878	1	1,119,873	0%	MCES-127
G-997	3,232	9,048	9,048	1	2,001,902	0%	MCES-127
G-1000	10,987	28,438	28,438	1	2,087,345	1%	MCES-127
G-1001	124,093	387,790	387,790	1	2,258,361	17%	MCES-127
G-1026	197,127	609,477	609,477	1	1,159,040	53%	MCES-127
G-1027	189,371	588,601	591,121	1	1,152,060	51%	MCES-127
G-1028	190,017	589,247	589,247	1	1,151,349	51%	MCES-127
G-1062	105,350	308,939	308,939	1	1,135,708	27%	MCES-127
G-1063	105,996	311,525	311,525	1	677,082	46%	MCES-127
G-1064	107,289	316,695	316,695	1	1,509,409	21%	MCES-127
G-1065	107,935	317,342	317,342	1	1,536,295	21%	MCES-127
G-1066	141,543	451,776	451,776	1	1,287,980	35%	MCES-127
G-1067	142,190	452,422	452,422	1	1,217,273	37%	MCES-127
G-1068	143,482	455,653	455,653	1	2,575,896	18%	MCES-127
G-1070	96,948	285,026	287,611	1	900,901	32%	MCES-127
G-1075	85,960	254,649	254,649	1	1,176,103	22%	MCES-127
G-1076	87,253	257,880	257,880	1	1,479,937	17%	MCES-127
G-1077	89,192	263,697	263,697	1	1,381,632	19%	MCES-127
G-1078	89,192	263,697	266,283	1	1,251,463	21%	MCES-127
G-1079	89,838	264,344	266,929	1	1,123,622	24%	MCES-127
G-1080	91,131	267,575	267,575	1	1,202,537	22%	MCES-127
G-1081	91,777	270,160	272,746	1	1,145,209	24%	MCES-127
G-1082	93,070	273,392	273,392	1	1,213,654	23%	MCES-127
G-1084	74,973	224,272	224,272	1	1,410,134	16%	MCES-127
G-1085	74,973	224,272	226,857	1	4,671,191	5%	MCES-127
G-1086	82,729	245,600	245,600	1	1,515,936	16%	MCES-127
G-1087	5,171	18,743	18,743	1	2,302,698	1%	MCES-127
G-1088	5,171	18,743	18,743	1	1,080,060	2%	MCES-127
G-1089	5,817	19,390	19,390	1	1,080,060	2%	MCES-127
G-1126	98,886	321,866	321,866	1	300,796	107%	MCES-127
G-2581	67,217	199,066	199,066	1	1,782,025	11%	MCES-127
G-2610	18,097	54,937	54,937	1	3,176,712	2%	MCES-127
G-5031	24,560	94,362	1,166,990	1	1,080,060	108%	MCES-128
G-5032	93,716	365,169	2,046,886	1	1,080,642	189%	MCES-128
G-5033	100,179	392,961	2,519,343	1	1,284,361	196%	MCES-128
G-5034	100,825	393,607	2,519,990	1	1,080,319	233%	MCES-128
G-4490	179,676	558,289	558,289	1	1,319,715	42%	MCES-127
G-4500	172,567	536,185	536,185	1	1,313,057	41%	MCES-127
G-4501	173,213	538,705	538,705	1	1,168,993	46%	MCES-127
G-4503	146,068	462,117	462,117	1	1,153,094	40%	MCES-127
G-4504	147,360	467,287	467,287	1	1,550,127	30%	MCES-127
G-4505	144,775	458,885	458,885	1	2,210,404	21%	MCES-127
G-5270	296,659	1,024,348	3,519,390	1	1,253,984	281%	MCES-128
G-5271	296,659	1,024,348	3,519,390	1	1,302,781	270%	MCES-128
G-5272	310,232	1,074,567	3,561,465	1	1,261,223	282%	MCES-128
G-5029	1,939	5,817	440,142	1	1,076,958	41%	MCES-128
G-5030	21,975	85,960	940,456	1	1,073,662	88%	MCES-128
G-5265	290,843	1,002,825	3,437,243	1	14,045,824	24%	MCES-128
G-5266	291,489	1,005,217	3,441,250	1	1,456,346	236%	MCES-128
G-5268	3,878	15,512	56,876	1	1,525,760	4%	MCES-128
Link1425	102,118	330,914	330,914	1	1,018,014	33%	MCES-127
Link1432	60,754	243,015	243,015	1	2,303,409	11%	unmetered
G-644	274,038	823,214	823,214	1.167	1,873,544	44%	MCES-127
G-645	276,624	825,799	825,799	1.167	1,808,266	46%	MCES-127
G-646	277,916	809,964	809,964	1.167	1,811,626	45%	MCES-127

Pipe ID	Existing Conditions Daily Mean Flow (gpd)	Existing Conditions Design Flow (gpd)	2040 Design Flow 1 (gpd)	Pipe Diameter (ft)	Pipe Capacity (gpd)	2040 Pipe Capacity Used 2	MCES Metershed
G-647	278,563	810,611	810,611	1.167	1,790,492	45%	MCES-127
G-998	4,524	12,280	12,280	1.167	4,518,919	0%	MCES-127
G-999	7,756	17,451	17,451	1.167	4,567,328	0%	MCES-127
G-2884	397,485	1,165,309	1,165,309	1.25	1,760,180	66%	MCES-129
G-2885	397,485	1,165,309	1,167,701	1.25	1,633,825	71%	MCES-129
G-2886	398,131	1,165,956	1,165,956	1.25	1,740,855	67%	MCES-129
G-2887	398,131	1,165,956	1,168,347	1.25	1,738,851	67%	MCES-129
G-2888	398,778	1,166,602	1,168,993	1.25	1,734,909	67%	MCES-129
G-2889	399,424	1,167,248	1,167,248	1.25	1,733,099	67%	MCES-129
G-2890	400,070	1,167,895	1,167,895	1.25	1,732,388	67%	MCES-129
G-2891	400,070	1,167,895	1,170,286	1.25	1,725,795	68%	MCES-129
G-2892	402,655	1,175,715	1,175,715	1.25	1,728,122	68%	MCES-129
G-2893	403,302	1,176,361	1,176,361	1.25	1,898,168	62%	MCES-129
G-2896	403,948	1,178,753	1,181,144	1.25	1,822,678	65%	MCES-129
G-2897	464,702	1,314,996	1,317,323	1.25	1,873,673	70%	MCES-129
G-2898	473,750	1,345,890	1,348,217	1.25	1,873,156	72%	MCES-129
G-765	43,950	135,080	135,080	1.25	1,618,765	8%	MCES-129
G-774	9,695	38,779	38,779	1.25	1,717,716	2%	MCES-129
G-2953	646	646	646	1.25	2,103,568	0%	MCES-129
G-2954	1,939	3,878	3,878	1.25	2,102,081	0%	MCES-129
G-2955	2,585	6,463	6,463	1.25	2,115,137	0%	MCES-129
G-2956	7,756	25,206	25,206	1.25	2,099,043	1%	MCES-129
G-2957	8,402	27,792	27,792	1.25	2,114,167	1%	MCES-129
G-2958	9,048	30,377	30,377	1.25	2,106,864	1%	MCES-129
G-2959	9,048	30,377	30,377	1.25	2,102,081	1%	MCES-129
G-2960	9,695	31,023	31,023	1.25	2,128,903	1%	MCES-129
G-2961	10,341	33,608	33,608	1.25	1,620,704	2%	MCES-129
G-3187	126,678	347,719	347,719	1.25	1,919,626	18%	MCES-129
G-2838	396,839	1,164,663	1,167,054	1.25	1,740,596	67%	MCES-129
G-2839	373,571	1,101,259	1,101,259	1.25	1,914,714	58%	MCES-129
G-2840	374,218	1,101,906	1,101,906	1.25	1,806,844	61%	MCES-129
G-2899	474,397	1,346,537	1,346,537	1.25	1,858,743	72%	MCES-129
G-2900	474,397	1,346,537	1,348,863	1.25	1,859,131	73%	MCES-129
G-2901	475,043	1,347,183	1,347,183	1.25	1,858,549	72%	MCES-129
G-2902	475,043	1,347,183	1,347,183	1.25	1,867,145	72%	MCES-129
G-2903	475,689	1,347,829	1,347,829	1.25	1,865,852	72%	MCES-129
G-2904	475,689	1,347,829	1,347,829	1.25	1,873,414	72%	MCES-129
G-2905	476,336	1,348,476	1,348,476	1.25	1,868,244	72%	MCES-129
G-3296	157,701	440,788	440,788	1.25	1,442,515	31%	MCES-129
G-3297	158,348	441,434	441,434	1.25	1,114,638	40%	MCES-129
G-3298	158,994	442,081	442,081	1.25	2,008,430	22%	MCES-129
G-3299	159,640	442,727	442,727	1.25	1,675,706	26%	MCES-129
G-3300	160,287	443,373	443,373	1.25	1,525,437	29%	MCES-129
G-3301	160,933	444,020	444,020	1.25	1,572,812	28%	MCES-129
G-3302	161,579	444,666	444,666	1.25	2,090,124	21%	MCES-129
G-3303	162,226	445,312	445,312	1.25	1,665,688	27%	MCES-129
G-3304	162,226	445,312	445,312	1.25	1,660,841	27%	MCES-129
G-3305	162,872	445,959	445,959	1.25	1,551,161	29%	MCES-129
G-3306	179,030	493,140	493,140	1.25	1,780,991	28%	MCES-129
G-3315	184,200	504,127	504,127	1.25	4,042,518	12%	MCES-129
G-3316	179,676	495,725	495,725	1.25	1,665,494	30%	MCES-129
G-3317	180,969	497,018	497,018	1.25	1,667,950	30%	MCES-129
G-3318	193,249	528,687	528,687	1.25	132,043	400%	MCES-129
G-3319	197,127	540,321	540,321	1.25	1,671,505	32%	MCES-129
G-3320	204,236	562,942	562,942	1.25	2,406,109	23%	MCES-129
G-3321	205,529	554,152	554,152	1.25	1,393,653	40%	MCES-129
G-3322	209,407	563,653	563,653	1.25	1,955,820	29%	MCES-129
G-3873	480,860	1,359,722	1,359,722	1.25	1,867,145	73%	MCES-129
G-3882	481,506	1,362,048	1,362,048	1.25	1,867,145	73%	MCES-129
G-3883	482,799	1,365,021	1,365,021	1.25	1,867,145	73%	MCES-129
G-3884	483,445	1,365,668	1,365,668	1.25	1,867,145	73%	MCES-129
G-3885	484,091	1,367,994	1,367,994	1.25	1,872,509	73%	MCES-129
G-3886	484,091	1,367,994	1,367,994	1.25	3,161,071	43%	MCES-129
G-3448	246,247	673,592	676,112	1.25	1,869,536	36%	MCES-129
G-3449	247,539	676,758	676,758	1.25	1,371,420	49%	MCES-129
G-3450	248,832	678,051	678,051	1.25	1,004,183	68%	MCES-129
G-3451	252,710	689,426	689,426	1.25	1,332,964	52%	MCES-129
G-4955	125,385	479,632	1,570,873	1.25	1,782,736	88%	MCES-129
G-4956	129,263	494,756	1,584,446	1.25	1,640,223	97%	MCES-129
G-1533	198,419	595,775	598,296	1.25	1,714,226	35%	MCES-129

Pipe ID	Existing Conditions Daily Mean Flow (gpd)	Existing Conditions Design Flow (gpd)	2040 Design Flow 1 (gpd)	Pipe Diameter (ft)	Pipe Capacity (gpd)	2040 Pipe Capacity Used 2	MCES Metershed
G-1534	199,712	598,942	598,942	1.25	1,896,423	32%	MCES-129
G-1535	203,590	610,317	610,317	1.25	1,841,809	33%	MCES-129
G-1540	206,821	619,172	621,692	1.25	1,866,822	33%	MCES-129
G-1541	208,114	622,339	622,339	1.25	1,927,576	32%	MCES-129
G-1542	209,407	627,380	627,380	1.25	1,849,371	34%	MCES-129
G-1543	209,407	627,380	629,900	1.25	1,852,861	34%	MCES-129
G-1544	210,699	630,547	630,547	1.25	2,915,665	22%	MCES-129
G-1545	224,918	672,881	672,881	1.25	1,201,051	56%	MCES-129
G-1550	224,918	672,881	672,881	1.25	713,922	94%	MCES-129
G-1551	224,918	672,881	675,401	1.25	709,785	95%	MCES-129
G-1552	228,150	681,735	681,735	1.25	2,083,403	33%	MCES-129
G-1553	228,150	681,735	681,735	1.25	1,609,071	42%	MCES-129
G-1554	238,491	712,694	715,214	1.25	2,207,754	32%	MCES-129
G-2354	174,506	526,878	526,878	1.25	2,429,441	22%	MCES-129
G-2355	175,152	529,398	531,919	1.25	1,664,331	32%	MCES-129
G-2356	175,798	530,045	532,565	1.25	1,665,559	32%	MCES-129
G-2357	177,091	533,211	533,211	1.25	1,998,864	27%	MCES-129
G-2397	239,137	715,214	715,214	1.25	1,859,389	38%	MCES-129
G-2398	239,137	715,214	717,735	1.25	1,859,389	39%	MCES-129
G-2399	239,784	715,861	715,861	1.25	1,511,412	47%	MCES-129
G-4591	6,463	18,097	18,097	1.25	1,663,361	1%	MCES-129
G-4587	7,109	18,743	18,743	1.25	1,586,708	1%	MCES-129
G-4588	9,048	26,499	26,499	1.25	3,209,416	1%	MCES-129
G-5234	103,411	405,887	2,129,744	1.25	1,958,276	109%	MCES-129
G-5235	92,423	363,876	1,871,992	1.25	17,517,515	11%	MCES-129
G-5236	153,177	586,145	3,223,635	1.25	1,957,759	165%	MCES-129
G-4831	200,358	746,884	3,681,421	1.25	2,045,335	180%	MCES-129
G-5238	153,823	586,791	3,222,278	1.25	1,957,759	165%	MCES-129
G-5243	193,249	738,676	3,543,497	1.25	1,957,435	181%	MCES-129
G-5244	199,712	744,428	3,636,825	1.25	2,072,674	175%	MCES-129
G-5249	200,358	746,884	3,681,421	1.25	1,886,793	195%	MCES-129
G-5348	1,293	3,232	3,232	1.25	2,286,799	0%	MCES-129
G-4832	201,005	747,530	3,780,954	1.25	14,286,319	26%	MCES-129
G-994498	201,005	747,530	3,780,954	1.25	3,763,374	100%	MCES-129
G-4976	1,293	1,293	1,293	1.25	6,884,051	0%	MCES-129
G-995059	646	646	646	1.25	3,691,245	0%	MCES-129
G-4974	646	646	646	1.25	4,531,910	0%	MCES-129
G-631	253,356	787,537	787,537	1.25	2,093,291	38%	MCES-127
G-632	255,295	791,350	791,350	1.25	2,258,296	35%	MCES-127
G-633	237,845	760,780	760,780	1.25	2,141,183	36%	MCES-127
G-634	239,784	764,593	764,593	1.25	2,171,043	35%	MCES-127
G-635	241,076	765,886	765,886	1.25	2,195,991	35%	MCES-127
G-636	242,369	767,178	767,178	1.25	2,150,296	36%	MCES-127
G-637	244,308	769,117	769,117	1.25	2,211,438	35%	MCES-127
G-642	269,514	816,815	816,815	1.25	2,129,356	38%	MCES-127
G-643	272,746	821,921	821,921	1.25	2,208,013	37%	MCES-127
G-649	281,148	813,196	813,196	1.25	2,140,537	38%	MCES-127
G-650	281,794	813,842	813,842	1.25	2,248,343	36%	MCES-127
G-651	283,733	815,781	815,781	1.25	2,088,315	39%	MCES-127
G-652	285,672	817,720	817,720	1.25	2,088,315	39%	MCES-127
G-678	116,983	297,306	297,306	1.25	2,138,275	14%	MCES-127
G-1140	228,796	742,360	742,360	1.25	1,496,611	50%	MCES-127
G-2841	388,436	1,142,301	1,144,692	1.333	2,123,474	54%	MCES-129
G-2842	389,083	1,142,947	1,142,947	1.333	2,075,388	55%	MCES-129
G-2843	391,022	1,148,376	1,148,376	1.333	2,075,388	55%	MCES-129
G-2844	391,022	1,148,376	1,150,767	1.333	2,058,002	56%	MCES-129
G-2845	391,668	1,149,022	1,149,022	1.333	2,043,460	56%	MCES-129
G-2846	391,668	1,149,022	1,149,022	1.333	2,043,460	56%	MCES-129
G-2847	391,668	1,149,022	1,149,022	1.333	2,043,460	56%	MCES-129
G-2848	391,668	1,149,022	1,151,414	1.333	2,043,460	56%	MCES-129
G-2849	392,314	1,149,669	1,149,669	1.333	2,064,466	56%	MCES-129
G-1109	152,531	489,908	489,908	1.333	2,787,888	18%	MCES-127
G-1139	228,796	742,360	742,360	1.333	2,699,860	27%	MCES-127
G-1867	686,389	1,911,159	1,913,421	1.5	3,044,023	63%	MCES-129
G-1868	687,035	1,913,421	1,917,945	1.5	2,916,570	66%	MCES-129
G-1869	688,328	1,916,330	1,918,592	1.5	3,098,831	62%	MCES-129
G-1870	689,620	1,920,854	1,925,378	1.5	2,713,045	71%	MCES-129
G-1871	690,266	1,921,500	1,923,762	1.5	2,736,506	70%	MCES-129
G-1872	690,913	1,922,147	1,924,409	1.5	2,705,806	71%	MCES-129
G-1863	684,450	1,905,989	1,908,251	1.5	6,444,168	30%	MCES-129

Pipe ID	Existing Conditions Daily Mean Flow (gpd)	Existing Conditions Design Flow (gpd)	2040 Design Flow 1 (gpd)	Pipe Diameter (ft)	Pipe Capacity (gpd)	2040 Pipe Capacity Used 2	MCES Metershed
G-2143	752,313	2,033,572	2,037,967	1.5	2,698,438	76%	MCES-129
G-2147	693,498	1,929,579	1,931,841	1.5	2,708,003	71%	MCES-129
G-3924	677,340	1,889,184	1,893,709	1.5	2,714,984	70%	MCES-129
G-3925	678,633	1,892,093	1,896,617	1.5	2,735,278	69%	MCES-129
G-3926	683,157	1,903,080	1,905,342	1.5	2,685,641	71%	MCES-129
G-3927	683,803	1,905,342	1,907,604	1.5	2,670,840	71%	MCES-129
G-3887	639,207	1,776,725	1,781,249	1.5	2,708,133	66%	MCES-129
G-3904	639,854	1,777,372	1,779,634	1.5	2,718,215	65%	MCES-129
G-3905	659,243	1,837,156	1,839,418	1.5	2,745,296	67%	MCES-129
G-3932	683,803	1,905,342	1,907,604	1.5	2,670,840	71%	MCES-129
G-3906	659,890	1,839,418	1,843,942	1.5	2,605,368	71%	MCES-129
G-3907	666,353	1,857,192	1,859,454	1.5	2,708,585	69%	MCES-129
G-4046	752,959	2,034,218	2,038,613	1.5	2,717,633	75%	MCES-129
G-4048	754,252	2,038,613	2,043,008	1.5	2,704,836	76%	MCES-129
G-4050	755,544	2,039,905	2,042,103	1.5	2,736,764	75%	MCES-129
G-4051	760,069	2,055,288	2,057,485	1.5	2,674,395	77%	MCES-129
G-4052	760,069	2,055,288	2,059,683	1.5	2,720,800	76%	MCES-129
G-4053	762,654	2,062,527	2,064,724	1.5	2,720,865	76%	MCES-129
G-4054	765,886	2,071,963	2,074,160	1.5	4,618,064	45%	MCES-129
G-4055	766,532	2,072,609	2,074,807	1.5	2,175,309	95%	MCES-129
G-4056	842,151	2,273,872	2,276,070	1.5	2,505,577	91%	MCES-129
G-3699	330,268	979,429	981,820	1.5	3,053,718	32%	MCES-129
G-3707	332,207	984,858	987,249	1.5	3,047,320	32%	MCES-129
G-4323	523,517	1,474,637	1,476,963	1.5	2,416,579	61%	MCES-129
G-4324	524,809	1,477,610	1,479,937	1.5	4,722,573	31%	MCES-129
G-4330	646	646	646	1.5	6,802,809	0%	MCES-129
G-4331	1,293	1,293	1,293	1.5	5,785,958	0%	MCES-129
G-4332	1,939	1,939	1,939	1.5	3,295,182	0%	MCES-129
G-4333	3,232	3,232	3,232	1.5	4,632,089	0%	MCES-129
G-4334	3,878	3,878	3,878	1.5	3,449,006	0%	MCES-129
G-4335	3,878	3,878	3,878	1.5	2,156,501	0%	MCES-129
G-4336	4,524	4,524	4,524	1.5	5,756,034	0%	MCES-129
G-3712	343,194	1,018,531	1,020,922	1.5	3,026,767	34%	MCES-129
G-3709	335,438	993,324	995,716	1.5	3,024,505	33%	MCES-129
G-3710	336,085	993,971	996,362	1.5	3,030,645	33%	MCES-129
G-3711	341,902	1,013,748	1,016,139	1.5	3,032,971	34%	MCES-129
G-4963	184,847	711,530	3,671,726	1.5	2,771,666	132%	MCES-129
G-3693	319,281	961,720	961,720	1.5	85,843,039	1%	MCES-129
G-3694	326,390	988,736	991,192	1.5	3,039,564	33%	MCES-129
G-3695	327,683	997,267	999,723	1.5	2,845,604	35%	MCES-129
G-3697	328,975	1,000,369	978,782	1.5	1,519,750	64%	MCES-129
G-3698	330,268	979,429	981,820	1.5	3,067,032	32%	MCES-129
G-3741	344,487	1,019,823	1,022,215	1.5	2,553,534	40%	MCES-129
G-3742	343,841	1,019,177	1,021,569	1.5	3,002,788	34%	MCES-129
G-3743	345,133	1,022,215	1,024,606	1.5	2,921,546	35%	MCES-129
G-3744	355,474	1,051,752	1,054,143	1.5	3,459,541	30%	MCES-129
G-3745	356,121	1,054,143	1,056,534	1.5	3,053,977	35%	MCES-129
G-3746	356,767	1,054,789	1,057,181	1.5	5,503,001	19%	MCES-129
G-3756	383,266	1,131,895	1,134,286	1.5	2,969,891	38%	MCES-129
G-3761	374,218	1,105,396	1,107,787	1.5	2,371,337	47%	MCES-129
G-3762	374,864	1,107,787	1,110,179	1.5	3,293,243	34%	MCES-129
G-3763	370,986	1,096,929	1,099,320	1.5	2,653,260	41%	MCES-129
G-3767	369,693	1,092,146	1,092,146	1.5	3,494,248	31%	MCES-129
G-3769	384,559	1,133,187	1,135,579	1.5	2,586,690	44%	MCES-129
G-4615	494,432	1,405,222	1,407,549	1.5	3,089,912	46%	MCES-129
G-4616	495,725	1,408,195	1,410,522	1.5	3,527,339	40%	MCES-129
G-4319	529,334	1,487,175	1,489,502	1.5	2,709,361	55%	MCES-129
G-4320	530,626	1,490,148	1,492,475	1.5	2,739,996	54%	MCES-129
G-4321	528,041	1,484,202	1,486,529	1.5	2,476,816	60%	MCES-129
G-4962	182,261	701,448	3,625,192	1.5	3,018,817	120%	MCES-129
G-4784	513,822	1,451,499	1,453,825	1.5	3,546,276	41%	MCES-129
G-4789	515,761	1,455,118	1,457,445	1.5	3,439,376	42%	MCES-129
G-4790	520,285	1,466,364	1,468,691	1.5	8,009,741	18%	MCES-129
G-648	279,855	811,903	811,903	1.5	3,505,882	23%	MCES-127
G-4464	14,219	21,975	21,975	1.5	4,559,249	0%	MCES-128
G-4465	15,512	23,267	23,267	1.5	2,272,063	1%	MCES-128
G-4466	4,524	4,524	4,524	1.5	2,384,651	0%	MCES-128
G-4467	7,109	7,109	7,109	1.5	2,363,646	0%	MCES-128
G-4468	11,634	17,451	17,451	1.5	2,339,538	1%	MCES-128
G-4469	2,585	2,585	2,585	1.5	2,370,884	0%	MCES-128

Pipe ID	Existing Conditions Daily Mean Flow (gpd)	Existing Conditions Design Flow (gpd)	2040 Design Flow 1 (gpd)	Pipe Diameter (ft)	Pipe Capacity (gpd)	2040 Pipe Capacity Used 2	MCES Metershed
G-4454	25,853	41,364	41,364	1.5	2,677,691	2%	MCES-127
G-4084	868,004	2,336,953	2,339,150	1.667	2,893,819	81%	MCES-129
G-4085	876,406	2,365,520	2,367,717	1.667	2,893,819	82%	MCES-129
G-2307	3,878	13,573	13,573	1.667	22,785,774	0%	MCES-129
G-2308	1,293	3,232	3,232	1.667	24,637,472	0%	MCES-129
G-4057	842,797	2,274,519	2,276,716	1.667	2,878,631	79%	MCES-129
G-4058	843,444	2,275,165	2,277,362	1.667	2,877,403	79%	MCES-129
G-4059	844,090	2,277,362	2,279,560	1.667	2,897,762	79%	MCES-129
G-4060	847,321	2,285,247	2,287,445	1.667	2,906,293	79%	MCES-129
G-4061	864,126	2,328,421	2,332,816	1.667	2,917,927	80%	MCES-129
G-4062	865,418	2,331,265	2,333,463	1.667	2,920,835	80%	MCES-129
G-4063	866,711	2,335,660	2,340,055	1.667	2,824,082	83%	MCES-129
G-4064	868,004	2,336,953	2,339,150	1.667	2,893,819	81%	MCES-129
G-318	265,636	728,593	728,593	1.75	3,232,619	23%	MCES-129
G-319	266,283	729,239	729,239	1.75	3,238,436	23%	MCES-129
G-320	267,575	730,532	730,532	1.75	3,238,436	23%	MCES-129
G-321	281,148	779,717	779,717	1.75	3,144,590	25%	MCES-129
G-322	400,716	1,110,954	1,110,954	1.75	6,424,196	17%	MCES-129
G-5313	1,022,473	2,117,819	2,120,081	1.75	3,233,071	66%	MCES-129
G-5314	1,019,888	2,108,771	2,108,771	1.75	3,227,707	65%	MCES-129
G-5315	1,016,657	2,100,692	2,102,954	1.75	3,227,707	65%	MCES-129
G-4091	1,026,998	2,128,806	2,128,806	1.75	5,887,301	36%	MCES-129
G-4092	1,027,644	2,131,069	2,131,069	1.75	3,637,601	59%	MCES-129
G-3978	741,326	1,661,374	1,661,374	1.75	2,441,074	68%	MCES-129
G-3979	741,972	1,662,020	1,662,020	1.75	3,238,436	51%	MCES-129
G-3980	743,264	1,666,674	1,666,674	1.75	3,310,177	50%	MCES-129
G-3981	743,911	1,667,320	1,669,647	1.75	2,448,055	68%	MCES-129
G-3982	756,191	1,704,806	1,704,806	1.75	3,421,860	50%	MCES-129
G-3983	766,532	1,733,632	1,733,632	1.75	3,242,572	53%	MCES-129
G-3984	767,825	1,736,605	1,736,605	1.75	3,257,696	53%	MCES-129
G-3985	769,117	1,739,578	1,739,578	1.75	3,238,436	54%	MCES-129
G-3986	775,580	1,761,165	1,761,165	1.75	3,268,554	54%	MCES-129
G-3987	778,812	1,767,758	1,767,758	1.75	3,291,046	54%	MCES-129
G-3988	1,016,010	2,101,661	2,103,923	1.75	3,211,807	66%	MCES-129
G-2177	412,350	1,215,076	1,217,467	1.75	4,094,547	30%	MCES-129
G-2178	413,643	1,218,114	1,220,505	1.75	4,199,767	29%	MCES-129
G-2179	430,447	1,237,051	1,239,377	1.75	4,783,521	26%	MCES-129
G-3859	449,837	1,291,729	1,294,056	1.75	4,073,994	32%	MCES-129
G-3860	450,483	1,292,375	1,294,702	1.75	4,058,676	32%	MCES-129
G-3861	451,129	1,293,022	1,293,022	1.75	4,102,755	32%	MCES-129
G-3862	451,129	1,293,022	1,295,348	1.75	4,058,676	32%	MCES-129
G-3863	451,776	1,293,668	1,295,995	1.75	4,090,604	32%	MCES-129
G-3830	433,032	1,242,997	1,245,323	1.75	3,890,957	32%	MCES-129
G-3831	434,971	1,249,977	1,252,304	1.75	3,288,137	38%	MCES-129
G-3832	435,618	1,250,623	1,252,950	1.75	4,325,282	29%	MCES-129
G-3833	435,618	1,250,623	1,252,950	1.75	4,355,788	29%	MCES-129
G-3834	436,264	1,251,270	1,253,596	1.75	4,066,044	31%	MCES-129
G-3846	441,434	1,264,842	1,267,169	1.75	4,098,877	31%	MCES-129
G-3864	453,068	1,294,961	1,294,961	1.75	6,429,561	20%	MCES-129
G-3865	453,714	1,295,607	1,297,934	1.75	9,333,204	14%	MCES-129
G-3866	494,432	1,405,222	1,407,549	1.75	9,971,054	14%	MCES-129
G-4612	500,896	1,418,407	1,420,734	1.75	14,416,875	10%	MCES-129
G-4613	501,542	1,419,053	1,421,380	1.75	14,374,541	10%	MCES-129
G-4317	544,199	1,527,247	1,529,574	1.75	4,416,090	35%	MCES-129
G-4318	545,491	1,528,540	1,530,866	1.75	3,537,357	43%	MCES-129
G-4582	546,138	1,530,866	1,533,193	1.75	3,589,709	43%	MCES-129
G-4583	555,833	1,560,726	1,563,053	1.75	3,673,665	43%	MCES-129
G-4584	557,125	1,562,019	1,564,345	1.75	3,624,158	43%	MCES-129
G-4585	558,418	1,566,672	1,568,999	1.75	6,981,774	22%	MCES-129
G-4341	646	646	646	1.75	6,522,113	0%	MCES-128
G-4342	646	646	646	1.75	3,938,074	0%	MCES-128
G-4343	1,293	1,293	1,293	1.75	7,816,751	0%	MCES-128
G-4344	1,939	1,939	1,939	1.75	421,011	0%	MCES-128
G-4345	1,939	1,939	1,939	1.75	3,522,363	0%	MCES-128
G-4346	100,179	356,121	356,121	1.75	13,313,224	3%	MCES-128
G-4347	102,764	358,706	358,706	1.75	2,664,765	13%	MCES-128
G-4348	103,411	359,352	359,352	1.75	3,636,890	10%	MCES-128
G-4456	175,798	350,304	350,304	1.75	3,238,436	11%	MCES-127
G-4455	171,274	343,841	343,841	1.75	3,367,182	10%	MCES-127
Link1423	103,411	359,352	359,352	1.75	3,234,493	11%	MCES-128

Pipe ID	Existing Conditions Daily Mean Flow (gpd)	Existing Conditions Design Flow (gpd)	2040 Design Flow 1 (gpd)	Pipe Diameter (ft)	Pipe Capacity (gpd)	2040 Pipe Capacity Used 2	MCES Metershed
G-1904	1,949,292	4,252,436	4,256,443	2	4,177,469	102%	MCES-129
G-1905	1,935,719	4,214,432	4,218,440	2	13,555,916	31%	MCES-129
G-1906	1,927,317	4,192,458	4,196,465	2	4,128,026	102%	MCES-129
G-1907	1,927,963	4,194,461	4,198,468	2	4,059,646	103%	MCES-129
G-4087	881,576	2,378,446	2,380,644	2	4,334,395	55%	MCES-129
G-4088	881,576	2,378,446	2,380,644	2	6,768,296	35%	MCES-129
G-4089	881,576	2,376,895	2,379,093	2	5,061,437	47%	MCES-129
G-4090	881,576	2,376,895	2,381,290	2	7,072,258	34%	MCES-129
G-4093	1,027,644	2,131,069	2,131,069	2	5,691,338	37%	MCES-129
G-4094	1,909,220	4,144,501	4,148,508	2	4,004,192	104%	MCES-129
G-4110	1,926,671	4,191,811	4,195,818	2	5,526,333	76%	MCES-129
G-4111	1,926,671	4,190,454	4,194,461	2	3,933,743	107%	MCES-129
G-4362	1,927,963	4,194,461	4,198,468	2	4,022,160	104%	MCES-129
G-4363	1,928,610	4,195,107	4,199,115	2	4,141,728	101%	MCES-129
G-4364	1,928,610	4,196,465	4,200,472	2	4,361,864	96%	MCES-129
G-4086	880,930	2,377,800	2,379,997	2	4,982,586	48%	MCES-129
G-4365	1,929,256	4,198,468	4,204,479	2	4,091,057	103%	MCES-129
G-4366	1,929,902	4,199,115	4,203,122	2	4,251,925	99%	MCES-129
G-4367	1,929,902	4,199,115	4,203,122	2	4,135,523	102%	MCES-129
G-4368	1,933,134	4,209,133	4,213,140	2	5,205,178	81%	MCES-129
G-4369	1,933,134	4,207,775	4,211,782	2	4,114,130	102%	MCES-129
G-4370	1,934,427	4,211,782	4,215,790	2	4,089,958	103%	MCES-129
G-4371	1,934,427	4,211,782	4,215,790	2	4,101,204	103%	MCES-129
G-4372	1,934,427	4,211,782	4,215,790	2	4,101,204	103%	MCES-129
G-4373	1,935,073	4,212,429	4,216,436	2	4,101,204	103%	MCES-129
G-4374	1,935,073	4,212,429	4,216,436	2	4,101,204	103%	MCES-129
G-4879	2,272,450	5,087,678	6,306,386	2	4,160,536	152%	MCES-129
G-4958	285,672	1,041,281	2,611,767	2	5,627,740	46%	MCES-129
G-4811	1,949,938	4,254,439	4,258,447	2	4,177,469	102%	MCES-129
G-4812	1,950,584	4,255,086	4,259,093	2	4,176,048	102%	MCES-129
G-4813	1,954,462	4,265,750	4,269,757	2	4,135,523	103%	MCES-129
G-4860	1,966,742	4,299,746	4,303,753	2	4,120,270	104%	MCES-129
G-4861	1,967,389	4,301,750	4,305,757	2	4,090,281	105%	MCES-129
G-4866	2,258,878	5,050,838	6,271,872	2	4,104,048	153%	MCES-129
G-4867	2,253,707	5,036,619	6,258,558	2	4,104,048	152%	MCES-129
G-4915	2,273,097	5,088,324	6,307,032	2	4,169,003	151%	MCES-129
G-4913	2,275,682	5,094,787	6,313,107	2	11,788,045	54%	MCES-129
G-4337	571,344	1,596,403	1,598,730	2	462,375	346%	MCES-129
G-4919	2,278,267	5,101,250	6,317,373	2	4,960,030	127%	MCES-129
G-4920	2,278,267	5,101,250	6,317,373	2	4,966,558	127%	MCES-129
G-4964	1,019,888	2,807,213	5,766,827	2	5,169,372	112%	MCES-129
G-4965	833,103	2,347,035	2,687,063	2	5,470,750	49%	MCES-129
G-4966	833,749	2,347,682	2,687,709	2	5,101,509	53%	MCES-129
G-4969	830,517	2,346,001	2,685,964	2	5,075,915	53%	MCES-129
G-4970	831,164	2,346,648	2,688,743	2	5,057,753	53%	MCES-129
G-4971	831,810	2,345,743	2,687,903	2	5,009,150	54%	MCES-129
G-5115	2,284,084	5,116,116	6,329,524	2	5,020,978	126%	MCES-129
G-5116	2,284,084	5,116,116	6,329,524	2	5,169,372	122%	MCES-129
G-5117	2,285,377	5,118,701	6,331,980	2	5,020,978	126%	MCES-129
G-5118	2,285,377	5,118,701	6,331,980	2	5,072,748	125%	MCES-129
G-4914	2,276,975	5,098,665	6,314,917	2	5,079,469	124%	MCES-129
G-4586	568,113	1,591,491	1,593,818	2	5,585,536	29%	MCES-129
G-4925	2,282,791	5,113,530	6,327,068	2	5,374,901	118%	MCES-129
G-4926	2,282,791	5,113,530	6,327,068	2	5,169,372	122%	MCES-129
G-4972	832,456	2,346,389	2,686,416	2	5,093,107	53%	MCES-129
G-4973	833,103	2,347,035	2,687,063	2	5,100,152	53%	MCES-129
G-4979	784,629	2,200,838	2,317,305	2	4,359,214	53%	MCES-129
G-4980	785,275	2,201,485	2,317,951	2	5,087,613	46%	MCES-129
G-4981	785,921	2,202,131	2,318,597	2	5,064,927	46%	MCES-129
G-4982	772,349	2,160,637	2,277,104	2	5,064,927	45%	MCES-129
G-4983	569,405	1,592,783	1,595,110	2	5,260,438	30%	MCES-129
G-4984	570,052	1,595,110	1,597,437	2	6,152,808	26%	MCES-129
G-4985	571,344	1,596,403	1,596,403	2	5,487,231	29%	MCES-129
G-4986	571,344	1,596,403	1,598,730	2	4,512,197	35%	MCES-129
G-4989	575,868	1,600,927	1,603,254	2	8,809,946	18%	MCES-129
G-4994	585,563	1,585,739	1,588,001	2	3,552,740	45%	MCES-129
G-4995	586,209	1,586,385	1,588,647	2	5,064,927	31%	MCES-129
G-4996	587,502	1,587,678	1,589,940	2	3,715,999	43%	MCES-129
G-4997	588,148	1,588,324	1,590,586	2	4,898,953	32%	MCES-129
G-4998	588,148	1,588,324	1,590,586	2	5,029,832	32%	MCES-129

Pipe ID	Existing Conditions Daily Mean Flow (gpd)	Existing Conditions Design Flow (gpd)	2040 Design Flow 1 (gpd)	Pipe Diameter (ft)	Pipe Capacity (gpd)	2040 Pipe Capacity Used 2	MCES Metershed
G-4999	603,014	1,638,737	1,640,999	2	7,229,766	23%	MCES-129
G-5004	578,454	1,605,193	1,607,519	2	3,643,353	44%	MCES-129
G-5015	612,062	1,663,943	1,783,835	2	4,765,941	37%	MCES-129
G-5025	772,349	2,160,637	2,277,104	2	3,182,206	72%	MCES-129
G-5132	1,176,297	3,199,657	6,371,522	2	5,430,161	117%	MCES-129
G-5133	1,176,297	3,199,657	6,371,522	2	4,821,912	132%	MCES-129
G-5136	1,156,907	3,143,298	6,066,718	2	5,030,349	121%	MCES-129
G-5137	1,157,554	3,145,366	6,068,528	2	5,111,656	119%	MCES-129
G-5142	1,165,956	3,170,831	6,286,337	2	4,994,091	126%	MCES-129
G-5143	1,166,602	3,171,477	6,285,174	2	5,081,925	124%	MCES-129
G-5144	1,168,541	3,177,682	6,326,796	2	4,886,802	129%	MCES-129
G-5145	2,286,023	5,120,640	6,333,790	2	5,082,184	125%	MCES-129
G-5146	2,286,023	5,120,640	6,393,509	2	5,077,337	126%	MCES-129
G-5147	2,286,023	5,120,640	6,393,509	2	4,944,906	129%	MCES-129
G-5148	1,191,162	3,244,382	6,501,690	2	9,218,935	71%	MCES-129
G-5149	1,196,333	3,260,927	6,688,411	2	3,082,415	217%	MCES-129
G-5192	1,187,931	3,235,463	6,650,860	2	6,167,609	108%	MCES-129
G-5193	1,190,516	3,243,735	6,694,292	2	3,972,070	169%	MCES-129
G-2435	319,927	956,937	959,393	2	16,771,730	6%	MCES-129
G-4968	786,568	2,201,226	2,317,693	2	3,844,164	60%	MCES-129
G-995060	829,225	2,344,709	2,686,804	2	6,368,031	42%	MCES-129
G-808	1,216,368	2,691,522	2,687,127	2	6,347,220	42%	MCES-127
G-817	1,176,943	2,628,829	2,626,632	2	9,111,647	29%	MCES-127
G-818	1,206,027	2,679,630	2,677,433	2	5,852,335	46%	MCES-127
G-819	1,207,966	2,683,120	2,680,923	2	5,976,880	45%	MCES-127
G-1674	1,070,947	2,432,866	2,430,669	2	6,173,425	39%	MCES-127
G-1675	1,072,886	2,434,805	2,432,608	2	6,041,447	40%	MCES-127
G-1676	1,075,471	2,437,390	2,435,193	2	5,998,920	41%	MCES-127
G-1677	1,077,410	2,439,329	2,437,132	2	6,242,387	39%	MCES-127
G-1678	1,079,996	2,441,915	2,439,717	2	6,211,687	39%	MCES-127
G-1679	1,081,935	2,443,854	2,441,656	2	6,299,780	39%	MCES-127
G-1680	1,083,873	2,445,793	2,441,398	2	5,814,590	42%	MCES-127
G-1681	1,085,812	2,449,283	2,447,085	2	6,051,207	40%	MCES-127
G-1682	1,089,044	2,452,514	2,448,119	2	5,839,021	42%	MCES-127
G-1683	1,092,276	2,457,297	2,452,902	2	7,233,062	34%	MCES-127
G-887	533,211	1,316,289	1,316,289	2	5,846,583	23%	MCES-127
G-888	535,797	1,318,874	1,316,548	2	5,879,545	22%	MCES-127
G-889	538,382	1,321,460	1,319,133	2	5,845,549	23%	MCES-127
G-677	403,948	1,079,285	1,079,285	2	5,905,656	18%	MCES-127
G-681	475,043	1,223,672	1,223,672	2	8,742,923	14%	MCES-127
G-893	548,077	1,331,154	1,328,828	2	5,813,362	23%	MCES-127
G-894	550,662	1,333,740	1,331,413	2	5,848,522	23%	MCES-127
G-895	552,601	1,335,679	1,335,679	2	5,848,522	23%	MCES-127
G-896	555,186	1,338,264	1,338,264	2	5,850,073	23%	MCES-127
G-676	404,594	1,079,931	1,079,931	2	5,843,933	18%	MCES-127
G-682	478,921	1,227,550	1,227,550	2	3,979,955	31%	MCES-127
G-683	480,860	1,229,489	1,227,097	2	6,262,100	20%	MCES-127
G-684	482,152	1,230,781	1,230,781	2	5,830,360	21%	MCES-127
G-820	1,209,905	2,685,059	2,682,862	2	5,929,699	45%	MCES-127
G-890	540,321	1,323,399	1,323,399	2	5,846,906	23%	MCES-127
G-891	543,553	1,326,630	1,326,630	2	6,110,216	22%	MCES-127
G-892	545,491	1,328,569	1,328,569	2	5,802,246	23%	MCES-127
G-956	575,868	1,374,070	1,374,070	2	5,843,222	24%	MCES-127
G-957	578,454	1,378,335	1,376,009	2	5,844,062	24%	MCES-127
G-958	581,685	1,381,567	1,379,240	2	5,848,522	24%	MCES-127
G-961	706,424	1,738,205	1,735,878	2	9,500,665	18%	MCES-127
G-962	831,810	2,046,886	2,044,624	2	9,037,062	23%	MCES-127
G-963	832,456	2,049,148	2,046,886	2	6,817,157	30%	MCES-127
G-964	834,395	2,051,087	2,051,087	2	5,846,518	35%	MCES-127
G-968	555,833	1,338,910	1,336,583	2	5,858,540	23%	MCES-127
G-969	563,588	1,351,707	1,349,380	2	5,832,816	23%	MCES-127
G-970	564,881	1,353,000	1,353,000	2	5,907,854	23%	MCES-127
G-972	1,014,071	2,323,251	2,321,053	2	6,030,525	38%	MCES-127
G-973	1,021,181	2,335,014	2,332,816	2	5,955,681	39%	MCES-127
G-974	1,024,412	2,338,245	2,336,048	2	6,356,398	37%	MCES-127
G-4290	1,214,430	2,689,583	2,687,386	2	5,969,125	45%	MCES-127
G-5328	1,257,733	2,762,359	2,757,964	2	5,826,159	47%	MCES-127
G-5329	1,257,733	2,762,359	2,760,161	2	10,898,002	25%	MCES-127
G-5330	1,246,745	2,748,269	2,743,874	2	5,844,192	47%	MCES-127
G-5331	1,248,684	2,750,208	2,745,813	2	5,857,829	47%	MCES-127

Pipe ID	Existing Conditions Daily Mean Flow (gpd)	Existing Conditions Design Flow (gpd)	2040 Design Flow 1 (gpd)	Pipe Diameter (ft)	Pipe Capacity (gpd)	2040 Pipe Capacity Used 2	MCES Metershed
G-5332	1,241,575	2,743,098	2,740,901	2	5,845,161	47%	MCES-127
G-5333	1,244,806	2,746,330	2,741,935	2	5,839,215	47%	MCES-127
G-5334	1,239,636	2,741,159	2,736,764	2	5,852,141	47%	MCES-127
G-5302	465,995	1,212,878	1,212,878	2	5,873,276	21%	MCES-127
G-5303	469,226	1,216,110	1,213,719	2	7,050,995	17%	MCES-127
G-5304	471,165	1,219,794	1,219,794	2	6,384,836	19%	MCES-127
G-5305	473,104	1,221,733	1,221,733	2	6,284,463	19%	MCES-127
G-4833	3,919,912	8,644,379	17,751,275	2.75	21,972,255	81%	MCES-129
G-4834	3,919,912	8,644,379	17,751,275	2.75	51,404,882	35%	MCES-129
G-4827	3,718,908	8,111,555	15,607,694	2.75	8,767,354	178%	MCES-129
G-5150	1,196,333	3,260,927	6,688,411	2.75	11,017,700	61%	MCES-129
G-5151	3,557,328	7,686,279	12,582,149	2.75	14,001,293	90%	MCES-129
G-5152	3,557,328	7,686,279	12,582,149	2.75	11,453,641	110%	MCES-129
G-5153	3,557,975	7,686,925	13,319,597	2.75	12,383,432	108%	MCES-129
G-5154	3,557,975	7,686,925	13,319,597	2.75	5,876,507	227%	MCES-129
G-5155	3,569,608	7,717,237	12,986,233	2.75	15,494,414	84%	MCES-129
G-5156	3,581,888	7,750,393	13,099,209	2.75	10,436,273	126%	MCES-129
G-5157	3,622,606	7,859,233	13,709,332	2.75	10,809,134	127%	MCES-129
G-5158	3,622,606	7,858,135	13,708,492	2.75	10,758,010	127%	MCES-129
G-5159	3,634,240	7,889,546	14,059,313	2.75	10,599,210	133%	MCES-129
G-5160	3,634,240	7,889,546	14,057,826	2.75	10,809,134	130%	MCES-129
G-5161	3,699,518	8,062,500	15,568,592	2.75	10,809,134	144%	MCES-129
G-5162	3,699,518	8,061,401	15,566,265	2.75	10,714,190	145%	MCES-129
G-5163	3,698,872	8,059,656	15,564,779	2.75	10,938,074	142%	MCES-129
G-5164	3,698,872	8,058,557	15,562,452	2.75	10,809,134	144%	MCES-129
G-5165	3,719,554	8,113,300	15,609,181	2.75	10,062,767	155%	MCES-129

¹ 2040 design flow calculated based on estimated 2040 development conditions. Table does not include planned modifications to the sanitary sewer system to provide additional capacity for 2040 development conditions

² 2040 Pipe Capacity Used calculated as the 2040 Design Flow divided by the pipe capacity. This does not include modifications to the sanitary sewer system the City has planned to provide additional capacity for planned development by 2040.