THE CITY OF LAKE ELMO

Appendix F

Stormwater Charts & Reports

- Charts
  - Ending Cash by Year
  - Revenues & Expenses
  - Customers & Annual Stormwater Volume Billed

- Reports
  - Summary of Key Financial Information
  - Pro Forma
  - Projected Year End Cash Balance
  - Capital Improvement Plan
  - Customers / Usage & Rates
  - Change in Net Capital Assets

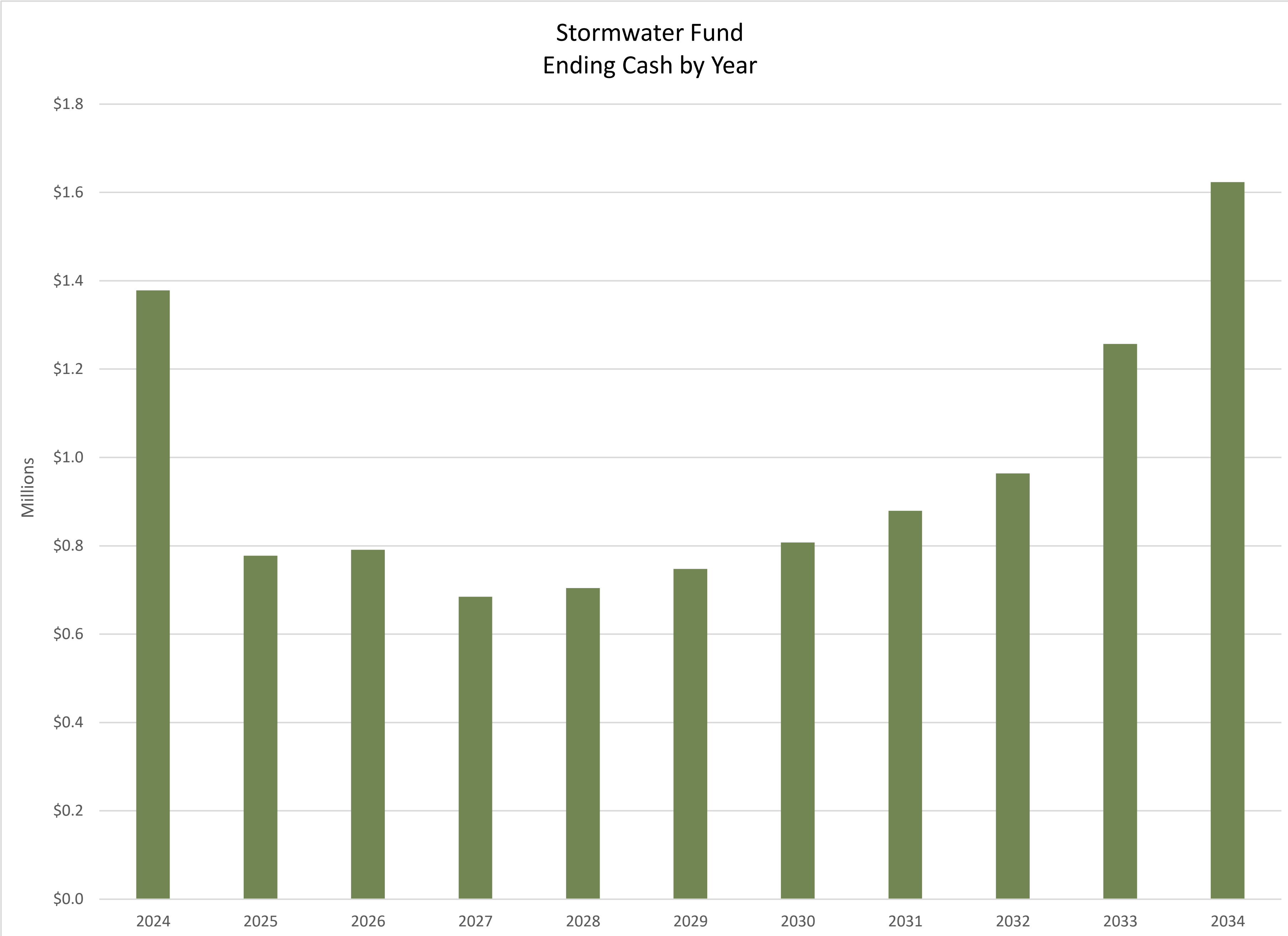
Stormwater Fund
Ending Cash by Year
Millions
$1.8
$1.6
$1.4
$1.2
$1.0
$0.8
$0.6
$0.4
$0.2
$0.0
2024
2025
2026
2027
2028
2029
2030
2031
2032
2033
2034

Chart 19
Storm Sewer Fund
Revenues and Expenses

Expense, inclusive of depreciation, is planned to exceed revenues as the City draws on available cash to pay interest expense on bonds outstanding and relies on private development to finance future improvement

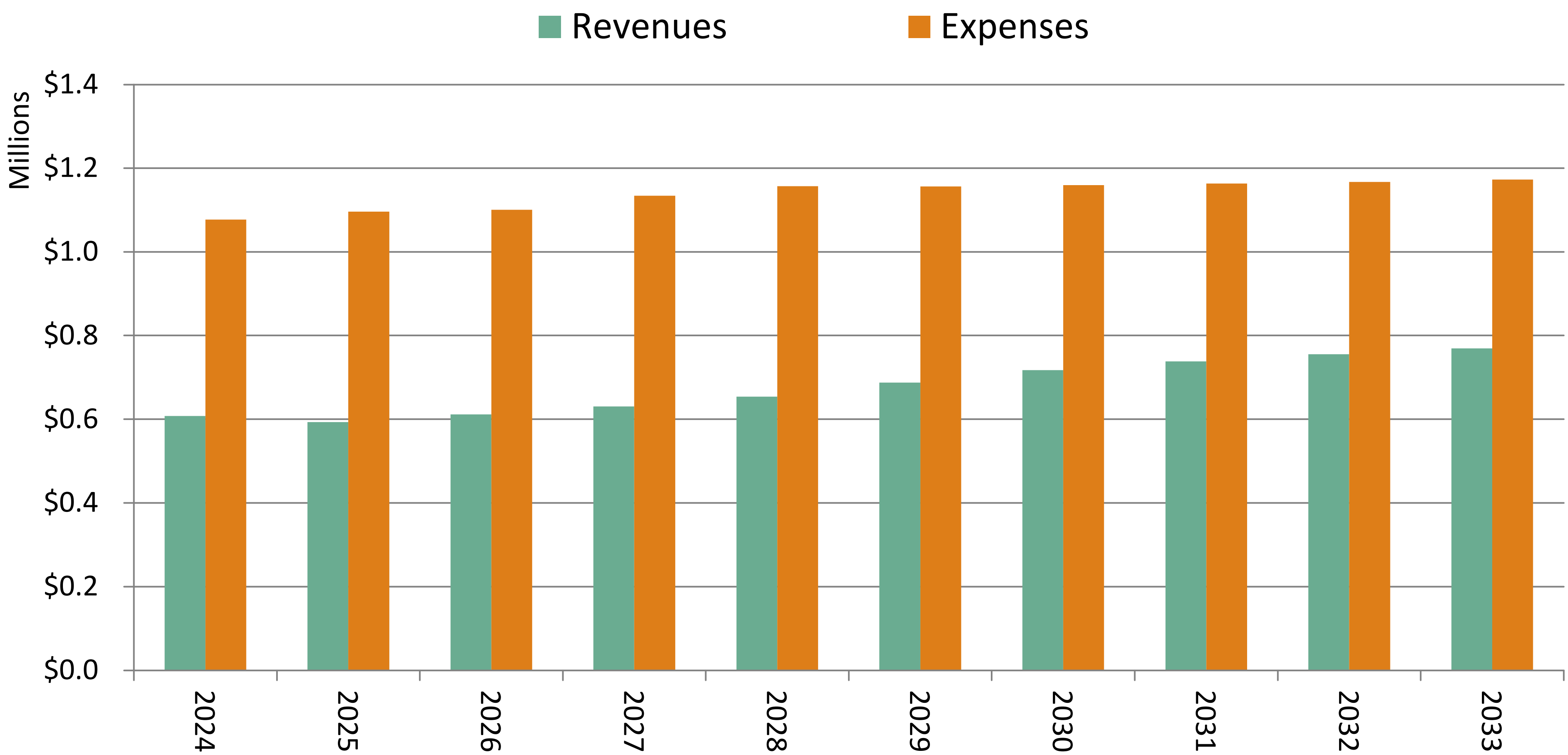

Chart 20
Storm Sewer Fund
Total Customer (Equivalent Residential Unit) Billed Annually

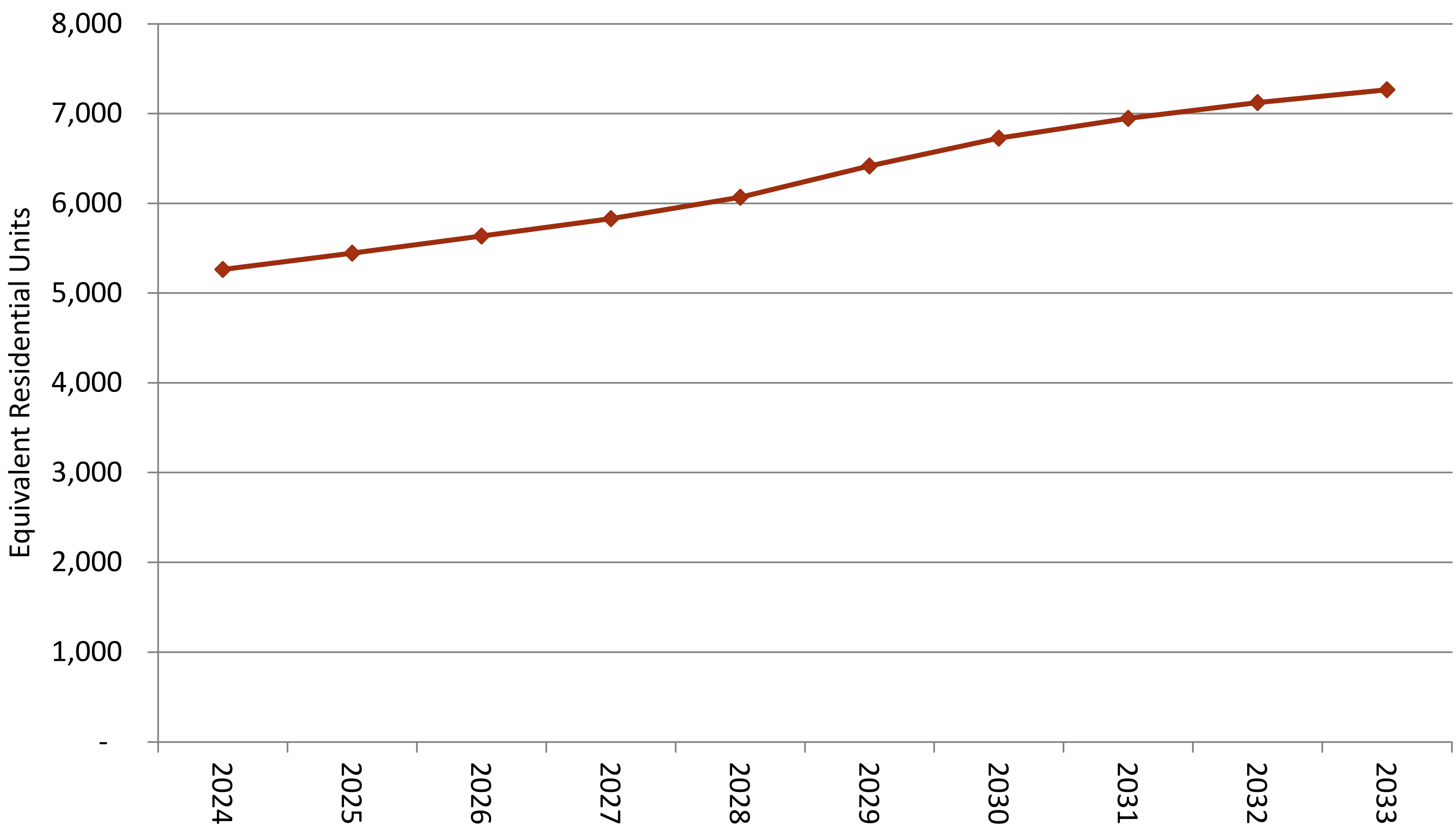

Table 3
Storm Water Fund
Summary of Key Financial Information
Amounts are Estimated

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Revenues	607,403	592,846	611,375	630,569	653,816	687,380	717,118	738,329	755,361	769,360
Expenses	1,077,354	1,096,041	1,100,638	1,134,039	1,156,736	1,155,922	1,159,460	1,163,112	1,166,863	1,172,795
Ending Cash by Purpose										
Cash for next year planned capital	685,405	82,400	218,545	54,636	56,275	57,964	59,703	61,494	63,339	63,339
Cash for next year debt service	259,463	259,713	254,913	308,496	308,313	312,200	310,913	309,425	104,813	87,350
Restricted availability charges	311,889	310,355	188,609	188,764	202,864	236,871	291,840	359,141	460,188	392,650
Unrestricted cash	121,443	125,086	128,839	132,704	136,685	140,786	145,010	149,360	335,666	713,374
Ending Cash	1,378,200	777,554	790,906	684,600	704,138	747,821	807,465	879,419	964,005	1,256,712
Net Position										
Ending Unrestricted Net Position	1,557,440	962,532	981,622	881,054	906,330	955,751	1,021,133	1,098,828	1,184,551	1,478,078
Ending Unrestricted Net Position as % of Expenses	142%	87%	87%	76%	78%	82%	88%	94%	101%	125%
Total Customer Units (ERU)	5,264	5,446	5,635	5,830	6,069	6,416	6,725	6,946	7,123	7,266
Average Annual Change in Rates Charged	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table N
Storm Sewer Fund
Pro Forma

	Prior Year Actual 2022	Prior Year Actual 2023	Projected 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Revenues												
Charges for services	510,061	580,896	570,385	588,446	606,975	626,169	649,416	682,980	712,718	733,929	750,961	764,960
Investment income	(15,423)	44,496	20,510	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400
Other revenues	33,835	30,329	16,508	-	-	-	-	-	-	-	-	-
Availability charges	-	-	-	-	-	-	-	-	-	-	-	-
Capital assets contributions non-cash	1,994,356	2,402,156	-	-	-	-	-	-	-	-	-	-
Intergovernmental revenue	-	-	-	-	-	-	-	-	-	-	-	-
Special assessments	253	7,363	-	-	-	-	-	-	-	-	-	-
Total Revenues	2,523,082	3,065,240	607,403	592,846	611,375	630,569	653,816	687,380	717,118	738,329	755,361	769,360
Expenses												
Personal services	118,674	106,356	132,943	136,931	141,039	145,270	149,629	154,117	158,741	163,503	168,408	173,460
Materials and supplies	10,885	9,453	9,379	9,660	9,950	10,249	10,556	10,873	11,199	11,535	11,881	12,237
Professional services	37,021	49,838	70,676	72,796	74,980	77,230	79,546	81,933	84,391	86,923	89,530	92,216
Repairs and maintenance	35,370	49,132	22,278	22,946	23,635	24,344	25,074	25,826	26,601	27,399	28,221	29,068
Utilities	572	422	536	552	569	586	603	621	640	659	679	699
Depreciation expense	691,840	791,557	796,557	813,692	815,752	836,466	837,832	839,239	840,688	842,181	843,718	845,301
Interest and fees on long-term debt	45,005	40,562	44,113	39,463	34,713	29,913	53,496	43,313	37,200	30,913	24,425	19,813
Transfer out to Capital Fund	-	-	-	-	-	-	-	-	-	-	-	-
Other expenses	13,432	9,791	872	-	-	-	-	-	-	-	-	-
Cost of bond issuance	-	-	-	-	-	9,983	-	-	-	-	-	-
Total Expenses	952,799	1,057,111	1,077,354	1,096,041	1,100,638	1,134,039	1,156,736	1,155,922	1,159,460	1,163,112	1,166,863	1,172,795
Change in Net Position	**1,570,283**	**2,008,129**	**(469,951)**	**(503,195)**	**(489,263)**	**(503,471)**	**(502,921)**	**(468,542)**	**(442,342)**	**(424,783)**	**(411,502)**	**(403,435)**
Ending net position	12,767,271	14,775,400	14,305,449	13,802,254	13,312,992	12,809,521	12,306,600	11,838,058	11,395,716	10,970,933	10,559,431	10,155,996
Assets												
Cash and investments	1,256,301	1,417,272	1,378,200	777,554	790,906	684,600	704,138	747,821	807,465	879,419	964,005	1,256,712
Cash and investments held in escrow	-	-	-	-	-	-	-	-	-	-	-	-
Special assessments receivable	33,460	43,281	-	-	-	-	-	-	-	-	-	-
Other current assets / receivables	307,271	319,378	310,000	310,000	310,000	310,000	310,000	310,000	310,000	310,000	310,000	310,000
Due from other governmental units	-	-	-	-	-	-	-	-	-	-	-	-
Capital assets	16,123,229	18,525,385	18,725,385	19,410,790	19,493,190	20,321,753	20,376,389	20,432,665	20,490,628	20,550,331	20,611,825	20,675,163
Less Accumulated depreciation	(2,414,262)	(3,205,819)	(4,002,376)	(4,816,068)	(5,631,820)	(6,468,286)	(7,306,119)	(8,145,358)	(8,986,046)	(9,828,226)	(10,671,944)	(11,517,246)
Deferred outflows	26,010	14,242	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Total Assets and Deferred Outflows	15,332,009	17,113,739	16,436,209	15,707,276	14,987,276	14,873,067	14,109,408	13,370,128	12,647,048	11,936,524	11,238,885	10,749,630
Liabilities												
Other current liabilities / payables	32,999	33,646	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000
Bonds payable	2,400,000	2,190,000	1,975,000	1,755,000	1,530,000	1,925,000	1,670,000	1,405,000	1,130,000	850,000	565,000	480,000
Unamortized bond premium	55,236	49,498	43,760	38,022	32,284	26,546	20,808	15,070	9,332	3,591	2,454	1,634
Other non-current liabilities	75,071	48,029	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000
Unearned revenues	-	-	-	-	-	-	-	-	-	-	-	-
Deferred inflows	1,432	17,166	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Total Liabilities and Deferred Inflows	2,564,738	2,338,339	2,130,760	1,905,022	1,674,284	2,063,546	1,802,808	1,532,070	1,251,332	965,591	679,454	593,634
Total Liabilities, Deferred Inflows, and Net Position	15,332,009	17,113,739	16,436,209	15,707,276	14,987,276	14,873,067	14,109,408	13,370,128	12,647,048	11,936,524	11,238,885	10,749,630

Table O
Storm Sewer Fund
Projected Year End Cash Balance

	Model Year 2024	2025	2026	2027	2028	Projected 2029	2030	2031	2032	2033
Use of Cash										
Operations & Maintenance	236,684	242,886	250,173	257,678	265,408	273,371	281,572	290,019	298,720	307,681
Capital Acquisition	200,000	685,405	82,400	838,545	54,636	56,275	57,964	59,703	61,494	63,339
Interfund Transfers Out	-	-	-	-	-	-	-	-	-	-
Debt Service (includes transfers for debt)	259,113	259,463	259,713	254,913	308,496	308,313	312,200	310,913	309,425	104,813
Total Use of Cash	695,797	1,187,754	592,285	1,351,136	628,541	637,959	651,736	660,634	669,638	475,832
Source of Cash										
Revenues	607,403	592,846	611,375	630,569	653,816	687,380	717,118	738,329	755,361	769,360
Bond Proceeds	-	-	-	620,000	-	-	-	-	-	-
Interfund Transfers In	-	-	-	-	-	-	-	-	-	-
Total Source of Cash	607,403	592,846	611,375	1,250,569	653,816	687,380	717,118	738,329	755,361	769,360
Net Change in Other Assets and Liabilities	49,322	(5,738)	(5,738)	(5,738)	(5,738)	(5,738)	(5,738)	(5,741)	(1,137)	(820)
Change in Cash Balance	(39,072)	(600,646)	13,351	(106,305)	19,537	43,683	59,644	71,954	84,585	292,708
Beginning Cash Balance	1,417,272	1,378,200	777,554	790,906	684,600	704,138	747,821	807,465	879,419	964,005
Ending Cash	**1,378,200**	**777,554**	**790,906**	**684,600**	**704,138**	**747,821**	**807,465**	**879,419**	**964,005**	**1,256,712**
Ending Cash by Purpose										
Cash for next year planned capital	685,405	82,400	218,545	54,636	56,275	57,964	59,703	61,494	63,339	63,339
Cash for next year debt service	259,463	259,713	254,913	308,496	308,313	312,200	310,913	309,425	104,813	87,350
Restricted availability charges	311,889	310,355	188,609	188,764	202,864	236,871	291,840	359,141	460,188	392,650
Unrestricted cash	121,443	125,086	128,839	132,704	136,685	140,786	145,010	149,360	335,666	713,374
Ending Cash	1,378,200	777,554	790,906	684,600	704,138	747,821	807,465	879,419	964,005	1,256,712
Net Position										
Ending Unrestricted Net Position	1,557,440	962,532	981,622	881,054	906,330	955,751	1,021,133	1,098,828	1,184,551	1,478,078

Table E-3
Storm Water Fund
Capital Improvement Plan

Project Description	Model Year 2024	Projected 2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Use of Funds											
SW-001 - Phase 2 Regional Drainage Impr. - Northstar Pond	-	285,405	-	-	-	-	-	-	-	-	-
SW-002 - Phase 3 Regional Drainage Impr - Lions Park Pond	-	-	-	610,018	-	-	-	-	-	-	-
SW-003 - Stormwater Reuse - Development Irrigation Systems	-	-	41,200	42,436	-	-	-	-	-	-	-
SW-004 - Stormwater Reuse - Lions & VFW Park Irrigation	-	-	-	80,628	-	-	-	-	-	-	-
SW-005 - Stormwater Reuse - Irrigation Systems	-	-	41,200	42,436	-	-	-	-	-	-	-
SW-006 -Hudson Boulevard Culvert Repair	-	400,000	-	-	-	-	-	-	-	-	-
SW-TBD - Future Unidentified Stormwater Projects	-	-	-	53,045	54,636	56,275	57,964	59,703	61,494	63,339	-
Placeholder	-	-	-	-	-	-	-	-	-	-	-
Placeholder	-	-	-	-	-	-	-	-	-	-	-
Cost of Issuance	-	-	-	9,983	-	-	-	-	-	-	-
Total Use of Funds	-	685,405	82,400	838,545	54,636	56,275	57,964	59,703	61,494	63,339	-
Source of Funds											
Par Amount of Bonds	-	-	-	620,000	-	-	-	-	-	-	-
Special assessments	-	-	-	-	-	-	-	-	-	-	-
Use of cash from fund	-	685,405	82,400	218,545	54,636	56,275	57,964	59,703	61,494	63,339	-
Total Source of Funds	-	685,405	82,400	838,545	54,636	56,275	57,964	59,703	61,494	63,339	-

Table I
Storm Water Fund
Customer/Usage and Rates

	Model Year	Projected									
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Customers (Residential Equivalent)											
Residential REC	4,924	5,102	5,288	5,480	5,716	6,060	6,367	6,587	6,763	6,904	6,928
Commercial REC	340	344	347	350	353	356	358	359	360	362	363
Vacant property (acres)	219	219	219	219	219	219	219	219	219	219	219
Customer Rates for Fees and Charges (Dollars)											
Storm Sewer Annual Basic Charge - Residential	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00
Storm Sewer Annual Equivalent Basic Charge Commercial Billed at 3.08X Residential	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00
Storm Sewer Annual Charge - Vacant Land - Per Acre Charge	14.25	14.25	14.25	14.25	14.25	14.25	14.25	14.25	14.25	14.25	14.25
Revenue by Fee Type (Dolllars)											
Storm Sewer Annual Basic Charge - Residential	467,780	484,671	502,322	520,638	543,007	575,694	604,846	625,765	642,504	655,918	658,198
Storm Sewer Annual Equivalent Basic Charge Commercial Billed at 3.08X Residential	99,484	100,654	101,532	102,410	103,288	104,166	104,751	105,043	105,336	105,921	106,214
Storm Sewer Annual Charge - Vacant Land - Per Acre Charge	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121	3,121
Total Revenue by Fee Type	570,385	588,446	606,975	626,169	649,416	682,980	712,718	733,929	750,961	764,960	767,533

Table 24
Storm Water Fund
Change in Net Capital Assets

	Prior Year Actual	Prior Year Actual	Model Year	Projected									
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Balance of Capital Assets and Depreciation													
Capital assets	16,123,229	18,525,385	18,725,385	19,410,790	19,493,190	20,321,753	20,376,389	20,432,665	20,490,628	20,550,331	20,611,825	20,675,163	20,675,163
Less allowance for depreciation	2,414,262	3,205,819	4,002,376	4,816,068	5,631,820	6,468,286	7,306,119	8,145,358	8,986,046	9,828,226	10,671,944	11,517,246	12,362,547
Net capital assets	13,708,967	15,319,566	14,723,009	14,594,722	13,861,370	13,853,466	13,070,271	12,287,307	11,504,583	10,722,105	9,939,880	9,157,917	8,312,616
Acquisition of capital assets	1,994,355	2,402,156	200,000	685,405	82,400	828,563	54,636	56,275	57,964	59,703	61,494	63,339	-
Less allowance for depreciation on current assets	691,840	791,557	791,557	796,557	813,692	815,752	836,466	837,832	839,239	840,688	842,181	843,718	845,301
Less allowance for depreciation on new assets			5,000	17,135	2,060	20,714	1,366	1,407	1,449	1,493	1,537	1,583	-
Total increase in allowance for depreciation	691,840	791,557	796,557	813,692	815,752	836,466	837,832	839,239	840,688	842,181	843,718	845,301	845,301
Change in net capital assets	1,302,515	1,610,599	(596,557)	(128,287)	(733,352)	(7,903)	(783,196)	(782,964)	(782,724)	(782,478)	(782,224)	(781,963)	(845,301)
* Number of years new assets depreciated over:	40												