

City of Sample, Minnesota  
Water Fund  
Cash Flow Projections - Scenario 1 - Current State  
For the Years Ending December 31, XXXX through XXXX

	Actual		RATE STUDY PROJECTIONS										
	XXXX	XXXX	Estimated XXXX	Estimated XXXX	Estimated XXXX	Estimated XXXX	Estimated XXXX	Estimated XXXX	Estimated XXXX	Estimated XXXX	Estimated XXXX	Estimated XXXX	Estimated XXXX
<b>Cash Flows from Operating Activities</b>													
Receipts from customers and users	\$ 3,397,744	\$ 3,398,864	\$ 3,387,468	\$ 3,374,512	\$ 3,475,747	\$ 3,580,020	\$ 3,687,420	\$ 3,798,043	\$ 3,911,984	\$ 4,029,344	\$ 4,150,224	\$ 4,274,731	\$ 4,402,973
Payments to suppliers	(2,513,712)	(2,259,536)	(2,788,377)	(2,872,029)	(2,958,190)	(3,046,935)	(3,138,343)	(3,232,494)	(3,329,468)	(3,429,352)	(3,532,233)	(3,638,200)	(3,747,346)
Payments to employees	(361,105)	(375,394)	(377,973)	(396,872)	(416,715)	(437,551)	(459,429)	(482,400)	(506,520)	(531,846)	(558,438)	(586,360)	(615,678)
Net cash from operating activities	522,927	763,934	221,118	105,612	100,843	95,533	89,648	83,149	75,996	68,145	59,553	50,171	39,948
<b>Cash Flows from Noncapital Financing Activities</b>													
Transfers to other funds	(139,278)	(140,188)	(181,604)	(190,684)	(200,218)	(210,229)	(220,741)	(231,778)	(243,367)	(255,535)	(268,312)	(281,727)	(295,814)
Net cash from noncapital financing activities	(139,278)	(140,188)	(181,604)	(190,684)	(200,218)	(210,229)	(220,741)	(231,778)	(243,367)	(255,535)	(268,312)	(281,727)	(295,814)
<b>Cash Flows from Capital and Related Financing Activities</b>													
Change in assessments receivable	(27,419)	(4,030)	-	-	-	-	-	-	-	-	-	-	-
Grants and contributions	1,265	-	-	-	-	-	-	-	-	-	-	-	-
Acquisition of capital assets	(284,093)	(52,353)	(50,000)	(283,250)	(648,900)	(695,250)	(618,000)	(787,950)	(644,780)	(620,060)	(742,836)	(692,109)	(618,000)
Proceeds from disposal of capital assets	2,147	9,964	-	-	-	-	-	-	-	-	-	-	-
Change in advance from other funds	(60,000)	(60,000)	(60,000)	(60,000)	(60,000)	(60,000)	(60,000)	(60,000)	(60,000)	(37,119)	-	-	-
Interest paid on advances	(10,800)	(9,600)	(8,400)	(7,368)	(6,315)	(5,242)	(4,147)	(3,029)	(1,890)	(728)	-	-	-
Net cash from capital and related financing activities	(378,900)	(116,019)	(118,400)	(350,618)	(715,215)	(760,492)	(682,147)	(850,979)	(706,670)	(657,907)	(742,836)	(692,109)	(618,000)
<b>Cash Flows from Investing Activities</b>													
Interest and dividends received	6,560	6,713	9,530	8,837	4,568	-	-	-	-	-	-	-	-
Net cash from investing activities	6,560	6,713	9,530	8,837	4,568	-	-	-	-	-	-	-	-
<b>Net Increase (Decrease) in Cash and Cash Equivalents</b>	11,309	514,440	(69,356)	(426,854)	(810,023)	(875,188)	(813,239)	(999,607)	(874,041)	(845,297)	(951,595)	(923,665)	(873,865)
<b>Cash and Cash Equivalents, January 1</b>	427,290	438,599	953,039	883,683	456,829	(353,193)	(1,228,381)	(2,041,621)	(3,041,228)	(3,915,269)	(4,760,566)	(5,712,161)	(6,635,826)
<b>Cash and Cash Equivalents, December 31</b>	\$ 438,599	\$ 953,039	\$ 883,683	\$ 456,829	\$ (353,193)	\$ (1,228,381)	\$ (2,041,621)	\$ (3,041,228)	\$ (3,915,269)	\$ (4,760,566)	\$ (5,712,161)	\$ (6,635,826)	\$ (7,509,691)
<b>Target Cash Reserve</b>	\$ 1,317,465	\$ 1,583,175	\$ 2,080,450	\$ 2,133,452	\$ 2,188,243	\$ 2,244,886	\$ 2,303,447	\$ 2,363,994	\$ 2,426,599	\$ 2,491,336	\$ 2,558,280	\$ 2,627,512	
<b>Cash in Excess of Reserve</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Average quarterly bill (9,000 gallons)</b>	\$ 54.30	\$ 56.10	\$ 57.78	\$ 59.52	\$ 61.30	\$ 63.14	\$ 65.04	\$ 66.99	\$ 69.00	\$ 71.07	\$ 73.20	\$ 75.39	
<b>Average quarterly dollar increase</b>			\$ 1.80	\$ 1.68	\$ 1.73	\$ 1.79	\$ 1.84	\$ 1.89	\$ 1.95	\$ 2.01	\$ 2.07	\$ 2.13	\$ 2.20
<b>Average annual dollar increase</b>			\$ 7.20	\$ 6.73	\$ 6.93	\$ 7.14	\$ 7.36	\$ 7.58	\$ 7.80	\$ 8.04	\$ 8.28	\$ 8.53	\$ 8.78
<b>Five year average capital expenses</b>			\$ 446,000	\$ 446,000	\$ 446,000	\$ 446,000	\$ 446,000	\$ 446,000	\$ 446,000	\$ 446,000	\$ 446,000	\$ 446,000	\$ 446,000

City of Sample, Minnesota  
Water Fund  
Cash Flow Projections - Scenario 2 - Increase Spread Over Several Periods to Achieve Target  
For the Years Ending December 31, XXXX Through XXXX

	Actual		RATE STUDY PROJECTIONS										
	XXXX	XXXX	Estimated XXXX	Estimated XXXX	Estimated XXXX	Estimated XXXX	Estimated XXXX	Estimated XXXX	Estimated XXXX	Estimated XXXX	Estimated XXXX	Estimated XXXX	
Cash Flows from Operating Activities													
Receipts from customers and users	\$ 3,397,744	\$ 3,398,864	\$ 3,387,468	\$ 3,631,212	\$ 4,114,447	\$ 4,579,442	\$ 5,005,116	\$ 5,369,944	\$ 5,653,634	\$ 5,838,893	\$ 6,030,178	\$ 6,227,686	
Payments to suppliers	(2,513,712)	(2,259,536)	(2,788,377)	(2,872,029)	(2,958,190)	(3,046,935)	(3,138,343)	(3,232,494)	(3,329,468)	(3,429,352)	(3,532,233)	(3,638,200)	
Payments to employees	(361,105)	(375,394)	(377,973)	(396,872)	(416,715)	(437,551)	(459,429)	(482,400)	(506,520)	(531,846)	(558,438)	(586,360)	
Net cash from operating activities	522,927	763,934	221,118	362,311	739,542	1,094,956	1,407,344	1,655,050	1,817,646	1,877,694	1,939,507	2,003,126	
Cash Flows from Noncapital Financing Activities													
Transfers to other funds	(139,278)	(140,188)	(181,604)	(190,684)	(200,218)	(210,229)	(220,741)	(231,778)	(243,367)	(255,535)	(268,312)	(281,727)	
Net cash from noncapital financing activities	(139,278)	(140,188)	(181,604)	(190,684)	(200,218)	(210,229)	(220,741)	(231,778)	(243,367)	(255,535)	(268,312)	(281,727)	
Cash Flows from Capital and Related Financing Activities													
Change in assessments receivable	(27,419)	(4,030)	-	-	-	-	-	-	-	-	-	-	
Grants and contributions	1,265	-	-	-	-	-	-	-	-	-	-	-	
Acquisition of capital assets	(284,093)	(52,353)	(50,000)	(283,250)	(648,900)	(695,250)	(618,000)	(787,950)	(644,780)	(620,060)	(742,836)	(692,109)	
Proceeds from sale of capital assets	2,147	9,964	-	-	-	-	-	-	-	-	-	-	
Change in advance from other funds	(60,000)	(60,000)	(60,000)	(60,000)	(60,000)	(60,000)	(60,000)	(60,000)	(60,000)	(60,000)	(37,119)	-	
Interest paid on advances	(10,800)	(9,600)	(8,400)	(7,368)	(6,315)	(5,242)	(4,147)	(3,029)	(1,890)	(728)	-	-	
Net cash from capital and related financing activities	(378,900)	(116,019)	(118,400)	(350,618)	(715,215)	(760,492)	(682,147)	(850,979)	(706,670)	(680,788)	(779,955)	(692,109)	
Cash Flows from Investing Activities													
Interest and dividends received	6,560	6,713	9,530	8,837	7,135	5,448	6,745	11,857	17,698	26,551	36,230	45,505	
Net cash from investing activities	6,560	6,713	9,530	8,837	7,135	5,448	6,745	11,857	17,698	26,551	36,230	45,505	
Net Increase (Decrease) in Cash and Cash Equivalents	11,309	514,440	(69,356)	(170,154)	(168,756)	129,683	511,200	584,150	885,307	967,922	927,470	1,074,795	
Cash and Cash Equivalents, January 1	427,290	438,599	953,039	883,683	713,529	544,773	674,455	1,185,656	1,769,805	2,655,113	3,623,035	4,550,505	
<b>Cash and Cash Equivalents, December 31</b>	<b>\$ 438,599</b>	<b>\$ 953,039</b>	<b>\$ 883,683</b>	<b>\$ 713,529</b>	<b>\$ 544,773</b>	<b>\$ 674,455</b>	<b>\$ 1,185,656</b>	<b>\$ 1,769,805</b>	<b>\$ 2,655,113</b>	<b>\$ 3,623,035</b>	<b>\$ 4,550,505</b>	<b>\$ 5,625,300</b>	
Target Cash Reserve	\$ 1,317,465	\$ 1,583,175	\$ 2,080,450	\$ 2,133,452	\$ 2,188,243	\$ 2,244,886	\$ 2,303,447	\$ 2,363,994	\$ 2,426,599	\$ 2,491,336	\$ 2,558,280	\$ 2,627,512	
Cash in Excess of Reserve	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 228,513	\$ 1,131,699	\$ 1,992,225	\$ 2,997,788	
Average quarterly bill (9,000 gallons)	\$ 54.30	\$ 56.10	\$ 68.69	\$ 77.62	\$ 86.16	\$ 93.91	\$ 100.49	\$ 105.51	\$ 108.68	\$ 111.94	\$ 115.29		
Average quarterly dollar increase		\$ 1.80	\$ 12.59	\$ 8.93	\$ 8.54	\$ 7.75	\$ 6.57	\$ 5.02	\$ 3.17	\$ 3.26	\$ 3.36		
Average annual dollar increase		\$ 7.20	\$ 50.36	\$ 35.72	\$ 34.15	\$ 31.02	\$ 26.30	\$ 20.10	\$ 12.66	\$ 13.04	\$ 13.43		

City of Sample, Minnesota  
Sanitary Sewer Fund  
Cash Flow Projections - Scenario 1 - Current State  
For the Years Ending December 31, XXXX through XXXX

	Actual		Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	
	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
<b>Cash Flows from Operating Activities</b>													
Receipts from customers and users	\$ 2,182,590	\$ 2,295,048	\$ 2,431,000	\$ 2,503,930	\$ 2,579,047	\$ 2,656,419	\$ 2,736,111	\$ 2,818,195	\$ 2,902,741	\$ 2,989,823	\$ 3,079,517	\$ 3,171,903	\$ 3,267,060
Payments to suppliers	(1,658,085)	(1,558,509)	(1,703,988)	(1,742,193)	(1,794,459)	(1,848,293)	(1,903,742)	(1,960,854)	(2,019,680)	(2,080,270)	(2,142,678)	(2,206,958)	(2,273,167)
Payments to employees	(361,106)	(373,108)	(376,509)	(395,334)	(415,101)	(435,856)	(457,649)	(480,531)	(504,558)	(529,786)	(556,275)	(584,089)	(613,293)
Net cash from operating activities	163,399	363,431	350,503	366,402	369,487	372,270	374,721	376,809	378,503	379,767	380,564	380,856	380,600
<b>Cash Flows from Noncapital Financing Activities</b>													
Transfers to other funds	(139,278)	(140,188)	(181,604)	(190,684)	(200,218)	(210,229)	(220,741)	(231,778)	(243,367)	(255,535)	(268,312)	(281,727)	(295,814)
Net cash from noncapital financing activities	(139,278)	(140,188)	(181,604)	(190,684)	(200,218)	(210,229)	(220,741)	(231,778)	(243,367)	(255,535)	(268,312)	(281,727)	(295,814)
<b>Cash Flows from Capital and Related Financing Activities</b>													
Grants and contributions	52,037		50,000	-	-	-	-	-	-	-	-	-	-
Acquisition of capital assets	(574,296)	(470,343)	(395,000)	(618,000)	(710,700)	(618,000)	(865,200)	(679,800)	(644,780)	(620,060)	(742,836)	(692,109)	(636,025)
Proceeds from sale of capital assets	2,147												
Change in advance due to other funds	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	18,560			
Net cash from capital and related financing activities	(490,112)	(440,343)	(315,000)	(588,000)	(680,700)	(588,000)	(835,200)	(649,800)	(614,780)	(601,501)	(742,836)	(692,109)	(636,025)
<b>Cash Flows from Investing Activities</b>													
Interest and dividends received	29,660	25,733	25,411	23,688	19,275	13,817	9,148	1,869	945	364	-	-	-
Net cash from investing activities	29,660	25,733	25,411	23,688	19,275	13,817	9,148	1,869	945	364	-	-	-
<b>Net Increase (Decrease) in Cash and Cash Equivalents</b>	(436,331)	(191,367)	(120,691)	(388,594)	(492,156)	(412,142)	(672,072)	(502,900)	(478,699)	(476,905)	(630,583)	(592,980)	(551,239)
<b>Cash and Cash Equivalents, January 1</b>	2,748,774	2,312,443	2,121,076	2,000,385	1,611,791	1,119,635	707,493	35,421	(467,478)	(946,177)	(1,423,081)	(2,053,665)	(2,646,645)
<b>Cash and Cash Equivalents, December 31</b>	<b>\$ 2,312,443</b>	<b>\$ 2,121,076</b>	<b>\$ 2,000,385</b>	<b>\$ 1,611,791</b>	<b>\$ 1,119,635</b>	<b>\$ 707,493</b>	<b>\$ 35,421</b>	<b>\$ (467,478)</b>	<b>\$ (946,177)</b>	<b>\$ (1,423,081)</b>	<b>\$ (2,053,665)</b>	<b>\$ (2,646,645)</b>	<b>\$ (3,197,884)</b>
<b>Target Cash Reserve</b>	<b>\$ 965,809</b>	<b>\$ 1,040,248</b>	<b>\$ 1,693,764</b>	<b>\$ 1,729,780</b>	<b>\$ 1,767,074</b>	<b>\$ 1,805,695</b>	<b>\$ 1,845,693</b>	<b>\$ 1,887,119</b>	<b>\$ 1,930,028</b>	<b>\$ 1,974,477</b>	<b>\$ 2,020,524</b>	<b>\$ 2,068,230</b>	
<b>Cash in Excess of Reserve</b>	<b>\$ 1,346,635</b>	<b>\$ 1,080,828</b>	<b>\$ 306,622</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Average quarterly bill (9,000 gallons)</b>	<b>\$ 55.15</b>	<b>\$ 61.22</b>	<b>\$ 63.06</b>	<b>\$ 64.95</b>	<b>\$ 66.90</b>	<b>\$ 68.90</b>	<b>\$ 70.97</b>	<b>\$ 73.10</b>	<b>\$ 75.29</b>	<b>\$ 77.55</b>	<b>\$ 79.88</b>	<b>\$ 82.27</b>	
<b>Average quarterly dollar increase</b>			<b>\$ 6.07</b>	<b>\$ 1.84</b>	<b>\$ 1.89</b>	<b>\$ 1.95</b>	<b>\$ 2.01</b>	<b>\$ 2.07</b>	<b>\$ 2.13</b>	<b>\$ 2.19</b>	<b>\$ 2.26</b>	<b>\$ 2.33</b>	<b>\$ 2.40</b>
<b>Average annual dollar increase</b>			<b>\$ 24.28</b>	<b>\$ 7.35</b>	<b>\$ 7.57</b>	<b>\$ 7.79</b>	<b>\$ 8.03</b>	<b>\$ 8.27</b>	<b>\$ 8.52</b>	<b>\$ 8.77</b>	<b>\$ 9.04</b>	<b>\$ 9.31</b>	<b>\$ 9.59</b>
<b>Five year average capital expenses</b>			<b>\$ 625,000</b>	<b>\$ 625,000</b>	<b>\$ 625,000</b>	<b>\$ 625,000</b>	<b>\$ 625,000</b>	<b>\$ 625,000</b>	<b>\$ 625,000</b>	<b>\$ 625,000</b>	<b>\$ 625,000</b>	<b>\$ 625,000</b>	<b>\$ 625,000</b>

City of Sample, Minnesota  
Sanitary Sewer Fund  
Cash Flow Projections - Scenario 2 - Increase Spread Over Several Periods to Achieve Target  
For the Years Ending December 31, XXXX Through XXXX

	Actual		Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated
	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
<b>Cash Flows from Operating Activities</b>												
Receipts from customers and users	\$ 2,182,590	\$ 2,295,048	\$ 2,431,000	\$ 2,497,838	\$ 2,805,211	\$ 3,094,129	\$ 3,350,727	\$ 3,561,382	\$ 3,713,834	\$ 3,835,545	\$ 3,961,216	\$ 4,090,976
Payments to suppliers	(1,658,085)	(1,558,509)	(1,703,988)	(1,742,193)	(1,794,459)	(1,848,293)	(1,903,742)	(1,960,854)	(2,019,680)	(2,080,270)	(2,142,678)	(2,206,958)
Payments to employees	(361,106)	(373,108)	(376,509)	(395,334)	(415,101)	(435,856)	(457,649)	(480,531)	(504,558)	(529,786)	(556,275)	(584,089)
Net cash from operating activities	163,399	363,431	350,503	360,310	595,651	809,980	989,336	1,119,997	1,189,596	1,225,489	1,262,263	1,299,928
<b>Cash Flows from Noncapital Financing Activities</b>												
Transfers to other funds	(139,278)	(140,188)	(181,604)	(190,684)	(200,218)	(210,229)	(220,741)	(231,778)	(243,367)	(255,535)	(268,312)	(281,727)
Net cash from noncapital financing activities	(139,278)	(140,188)	(181,604)	(190,684)	(200,218)	(210,229)	(220,741)	(231,778)	(243,367)	(255,535)	(268,312)	(281,727)
<b>Cash Flows from Capital and Related Financing Activities</b>												
Grants and contributions	52,037	-	50,000	-	-	-	-	-	-	-	-	-
Acquisition of capital assets	(574,296)	(470,343)	(395,000)	(618,000)	(710,700)	(618,000)	(865,200)	(679,800)	(644,780)	(620,060)	(742,836)	(692,109)
Proceeds from sale of capital assets	2,147	-	-	-	-	-	-	-	-	-	-	-
Change in advance due to other funds	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	18,560	-	-
Net cash from capital and related financing activities	(490,112)	(440,343)	(315,000)	(588,000)	(680,700)	(588,000)	(835,200)	(649,800)	(614,780)	(601,501)	(742,836)	(692,109)
<b>Cash Flows from Investing Activities</b>												
Interest and dividends received	29,660	25,733	25,411	23,688	19,214	16,017	15,748	14,680	16,642	19,541	23,057	25,799
Net cash from investing activities	29,660	25,733	25,411	23,688	19,214	16,017	15,748	14,680	16,642	19,541	23,057	25,799
<b>Net Increase (Decrease) in Cash and Cash Equivalents</b>	(436,331)	(191,367)	(120,691)	(394,686)	(266,053)	27,768	(50,857)	253,099	348,091	387,995	274,172	351,892
Cash and Cash Equivalents, January 1	2,748,774	2,312,443	2,121,076	2,000,385	1,605,700	1,339,647	1,367,415	1,316,558	1,569,656	1,917,747	2,305,742	2,579,915
<b>Cash and Cash Equivalents, December 31</b>	<b>\$ 2,312,443</b>	<b>\$ 2,121,076</b>	<b>\$ 2,000,385</b>	<b>\$ 1,605,700</b>	<b>\$ 1,339,647</b>	<b>\$ 1,367,415</b>	<b>\$ 1,316,558</b>	<b>\$ 1,569,656</b>	<b>\$ 1,917,747</b>	<b>\$ 2,305,742</b>	<b>\$ 2,579,915</b>	<b>\$ 2,931,806</b>
Target Cash Reserve	\$ 965,809	\$ 1,040,248	\$ 1,693,764	\$ 1,729,780	\$ 1,767,074	\$ 1,805,695	\$ 1,845,693	\$ 1,887,119	\$ 1,930,028	\$ 1,974,477	\$ 2,020,524	\$ 2,068,230
Cash in Excess of Reserve	\$ 1,346,635	\$ 1,080,828	\$ 306,622	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 331,266	\$ 559,391	\$ 863,576
Average quarterly bill (9,000 gallons)		\$ 55.15	\$ 61.22	\$ 47.33	\$ 53.01	\$ 58.31	\$ 62.97	\$ 66.75	\$ 69.42	\$ 71.50	\$ 73.65	\$ 75.86
Average quarterly dollar increase			\$ 6.07	\$ (13.89)	\$ 5.68	\$ 5.30	\$ 4.66	\$ 3.78	\$ 2.67	\$ 2.08	\$ 2.15	\$ 2.21
Average annual dollar increase			\$ 24.28	\$ (55.58)	\$ 22.72	\$ 21.20	\$ 18.66	\$ 15.11	\$ 10.68	\$ 8.33	\$ 8.58	\$ 8.84