

Village of Carol Stream

SPECIAL WORKSHOP MEETING

MONDAY, MARCH 19, 2018

6:00 P.M.

CAROL STREAM FIRE PROTECTION DISTRICT

FIRE STATION 28

365 KUHN ROAD

CAROL STREAM, ILLINOIS 60188

TRAINING ROOM

AGENDA

1. CALL TO ORDER
2. ATTENDANCE
3. FY 19 BUDGET WORKSHOP - WATER AND SEWER
4. OTHER BUSINESS
5. ADJOURNMENT



Village of Carol Stream

FY 18/19

Budget Workshop #6

WATER & SEWER FUND

March 19, 2018



Agenda

Water and Sewer Fund

- Historical Perspective
- Current FY17/18 Projected Performance
 - Discussion of Unaccounted for Water
- Proposed FY18/19 Budget
 - Revenue / rate assumptions
 - Significant areas of focus for FY18/19
 - AMR Replacement Program
- Water / Sewer Rate Recommendation



Water & Sewer Fund FY18/19

- Enterprise Operation. Cost of providing service is covered by rates charged to users of the Water and Sanitary Sewer systems. 95% of all revenues come directly from water/sewer rates.
- Funding used exclusively for Water/Sewer operating and capital costs (no subsidies from General Fund or other funds).
- Rates must be set to cover day to day system operating expenses as well as provide for current and future capital replacements and rehabilitations.

Historical Water Rates 2012 to 2015

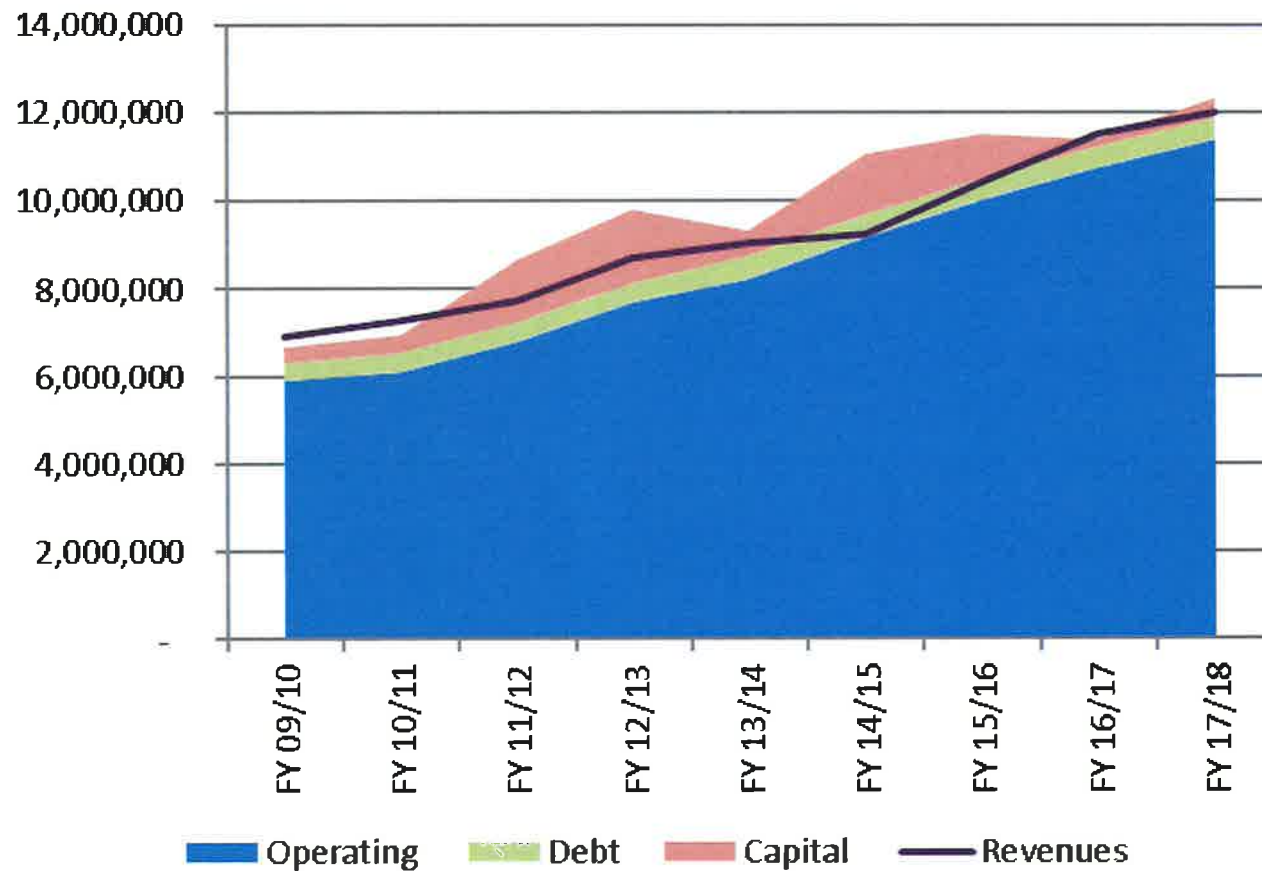
- In the first half of the 2010's the Village limited rate increases to only the amount of increase in our cost of purchasing water through the DWC.

Date	Chicago Charge to DWC			DWC Charges to Municipalities					Carol Stream Charges to Customers		
	Rate	\$ Inc.	% Inc.	Variable	Fixed	Total	\$ Inc.	% Inc.	Rate	\$ Inc.	% Inc.
5/1/2011	\$ 2.01			\$ 2.04	\$ 0.26	\$ 2.30			\$ 4.09		
1/1/2012	2.51	0.50	25%	2.73	0.26	2.99	0.69	30%	4.78	0.69	17%
1/1/2013	2.89	0.38	15%	3.32	0.26	3.58	0.59	20%	5.37	0.59	12%
1/1/2014	3.32	0.43	15%	3.97	0.26	4.23	0.65	18%	6.02	0.65	12%
1/1/2015	3.82	0.50	15%	4.68	0.26	4.94	0.71	17%	6.73	0.71	12%



- As a result, cost increases in other areas (labor, contractual services, commodities, etc.) were absorbed by using cash reserves to cover a portion of operating costs as well as all capital expenses.

Water & Sewer Fund Expenses by Type vs Revenues



Water & Sewer Fund Reserve Levels

Cash reserves have declined in 8 of the last 9 years

FY09/10	\$ 16,636,976	\$ (136,734)
FY10/11	17,371,358	734,382
FY11/12	16,869,569	(501,789)
FY12/13	15,424,480	(1,445,089)
FY13/14	14,903,910	(520,570)
FY14/15	13,280,883	(1,623,027)
FY15/16	11,744,504	(1,536,379)
FY16/17	11,721,106	(23,398)
FY17/18 est.	11,387,168	(333,938)



Current Budget Year FY17/18



Water & Sewer Fund Current Year FY17/18 Projected Performance

FY17/18 REVENUES

- Billed consumption for FY17/18 is projected to decrease by 1.5% compared to the prior year FY16/17.
- This follows 2 consecutive years of increases in billed consumption (FY16/17 = 5.4%, FY15/16 = 0.9%).
- Consumption appears to have stabilized somewhat compared to our longer-term trend of general decline (22% drop in 10 year period from FY05/06 to FY14/15).
- Total Fund revenues projected to be above budget by \$185,000 or 1.6%. This is also \$481,000 or 4.2% above FY16/17 actual revenues due to May 2017 rate increases and improvements in investment earnings.



Water & Sewer Fund Current Year FY17/18 Projected Performance FY17/18 EXPENSES

- Total projected FY17/18 operating expenses (excluding capital) are \$67,382 or 0.6% over budget due to DWC water purchases greater than anticipated.
- Total FY17/18 expenditures (including capital) are \$2.9 million below budget due to the budgeted Schmale Road water main project that will not be completed this year.
- Water/Sewer rate increases at the start of FY17/18 were designed to fully cover operating costs (budgeted to generate \$3,934 surplus before capital). Our FY17/18 estimate projects this operating surplus will be \$121,552.
- This operating surplus will not cover projected current year capital expenses of \$455,490, so the fund has an overall projected year-end deficit of \$333,938.

Water & Sewer Fund Current Year FY17/18 Projected Performance

	Actual FY16/17	Revised Budget FY17/18	Estimated FY17/18	Above (Below) Budget
REVENUES	\$ 11,523,585	\$ 11,820,000	\$ 12,005,000	\$ 185,000
OPERATING COSTS				
Salaries & Wages	1,479,279	1,464,078	1,466,890	2,812
Contractual Services				
Water Commission	6,002,390	6,080,000	6,250,000	170,000
WRC Contract	1,701,593	1,831,000	1,831,000	-
All Other	<u>1,233,096</u>	<u>1,600,007</u>	<u>1,503,541</u>	<u>(96,466)</u>
Total Contractual	8,937,079	9,511,007	9,584,541	73,534
Commodities	335,757	354,458	345,494	(8,964)
Debt	<u>486,497</u>	<u>486,523</u>	<u>486,523</u>	<u>-</u>
TOTAL OPERATING	11,238,612	11,816,066	11,883,448	67,382
Net G/L Before Capital	<u>284,973</u>	<u>3,934</u>	<u>121,552</u>	<u>117,618</u>
CAPITAL COSTS	161,676	3,437,000	455,490	(2,981,510)
Total Expenses	<u>\$ 11,400,288</u>	<u>\$ 15,253,066</u>	<u>\$ 12,338,938</u>	<u>\$ (2,914,128)</u>
Fund Income/(Loss)	\$ 123,297	\$ (3,433,066)	\$ (333,938)	

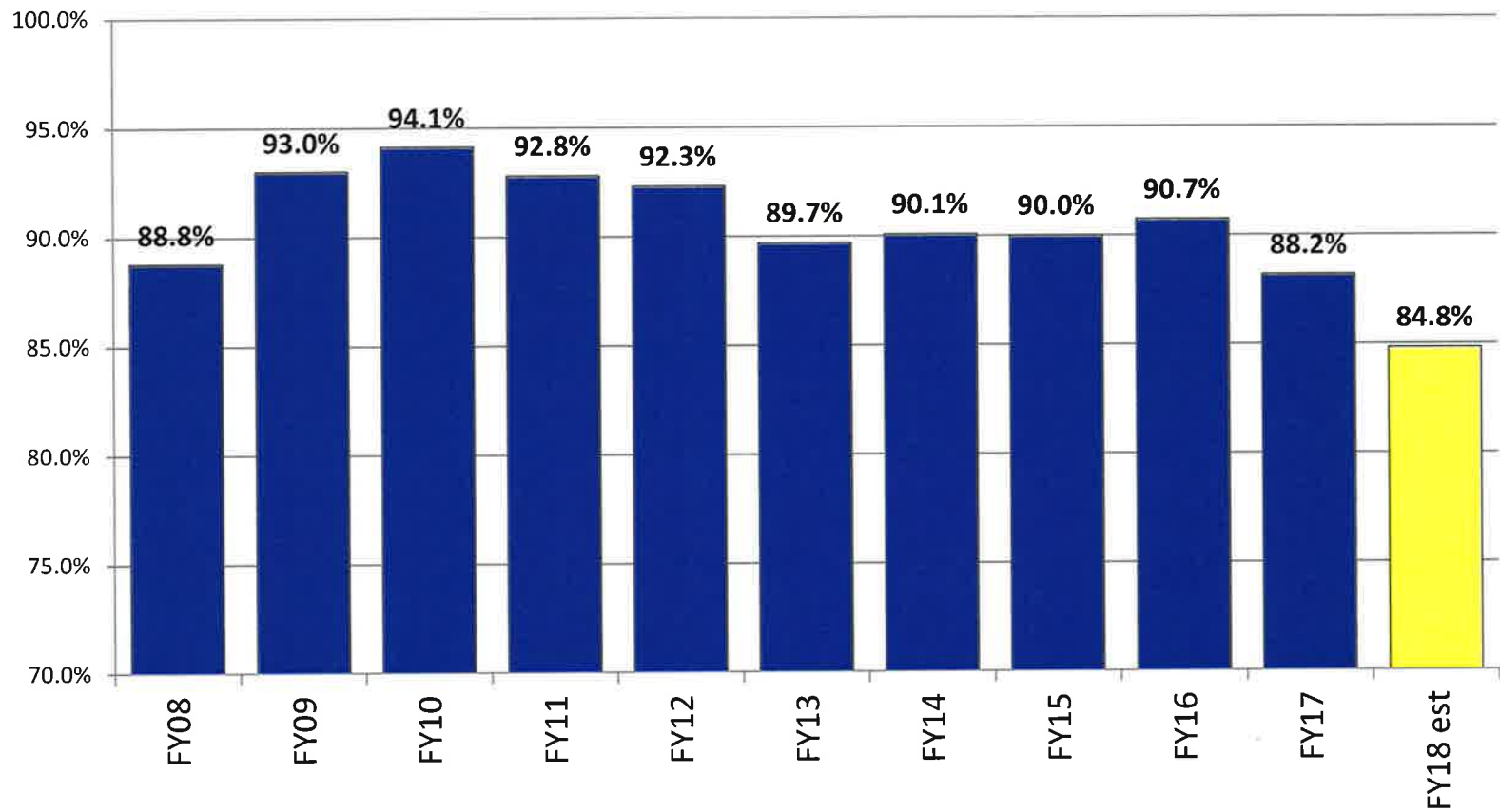


Water & Sewer Fund Current Year FY17/18 Projected Performance

- While billed water to customers declined by 1.5% during FY17/18, total water purchases from the DWC increased by 2.4%. This represents a significant negative shift in the amount of unaccounted for water.
- Water billed is generally less than water purchased as there is always some system loss from a number of potential sources including:
 - Underground leaks (mains, service lines).
 - Hydrant Flushing / Fire Department use.
 - Illegal hydrant taps or other connections.
 - Water main breaks, system flushing and testing.
 - Aging metering equipment, billing problems.
- Unbilled purchased water is costly. Current year impact almost 47 million gallons = \$228,000

Water & Sewer Fund Current Year FY17/18 Projected Performance

Historical Water Billed to Purchased Ratio





Water & Sewer Fund Current Year FY17/18 Projected Performance

Action Plan to Address Unaccounted Water

- Task force formed including staff from Public Works, Finance, Engineering and Community Developments.
- Examine all potential sources of water loss from DWC delivery point to consumption by customer, including:
 - Leak detection – increase from bi-annual to annual and expand to private service mains (industry, multi-family, commercial, schools)
 - Use of water during construction, chlorination, pressure testing



Water & Sewer Fund Current Year FY17/18 Projected Performance

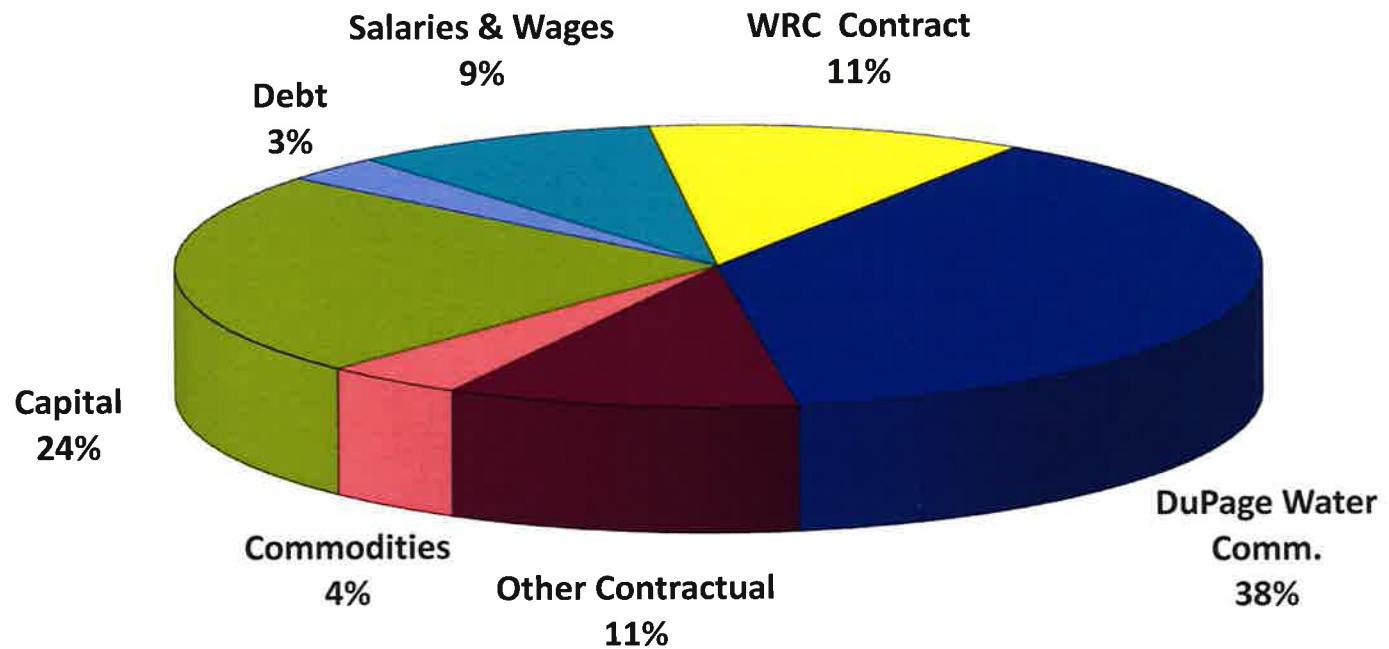
Action Plan to Address Unaccounted Water

- Meter tampering / illegal connections / unbilled addresses
- Billing system errors / incorrect meter multipliers
- Large meter testing and replacement
- Meter training with industry experts
- “Red flag” analysis and follow-up of unusual consumption



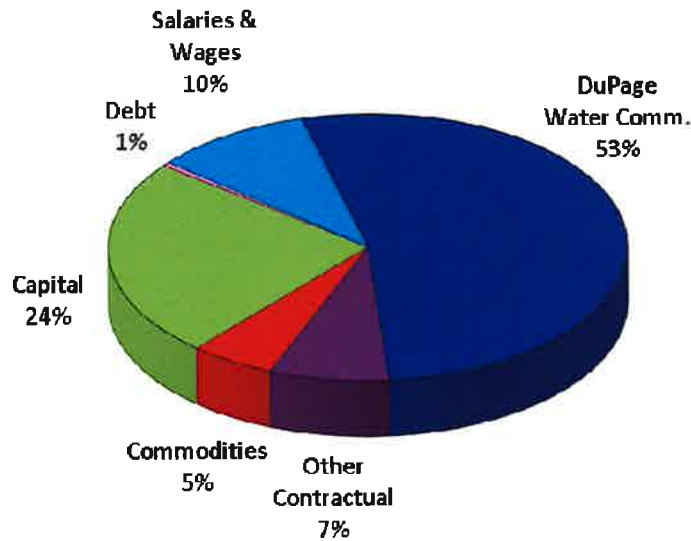
New Budget Year FY18/19

Village of Carol Stream Water & Sewer Fund Proposed Expenses by Category FY18/19

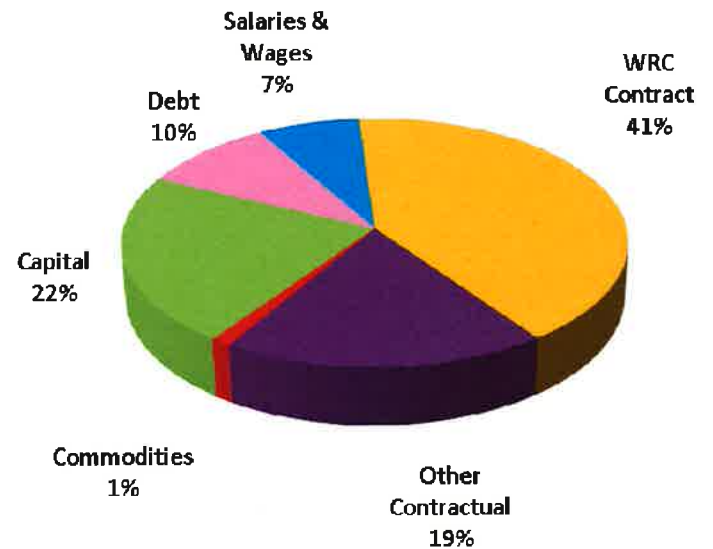


Village of Carol Stream Water & Sewer Fund Proposed Expenses by Category FY18/19

Water Division



Sewer Division





Water & Sewer Fund Proposed FY18/19

REVENUES

- Projecting billed water consumption at same level as FY17/18 estimate. This assumes billing of 1.086 billion gallons.
- Revenues shown reflect the following 5/1/18 proposed rate adjustments:
 - Water \$0.50 increase from \$7.25 to \$7.75 per 1,000 gallons
 - Sewer \$0.40 increase from \$3.82 to \$4.22 per 1,000 gal. water
 - Combined rate increase = \$0.90 or 8.1% over 5/1/17 adj.
 - Estimated future increases of 4.0% in FY19/20 and FY20/21 programmed to show cash flow impact. Subject to change.

Village of Carol Stream
Draft Water & Sewer Fund Budget Expenditures
FY18/19 Proposed Compared to FY17/18 Budget

	Revised Budget FY17/18	Estimated FY17/18	Proposed Budget FY18/19	FY18/19 Proposed to FY17/18 Budget	
REVENUES	\$ 11,820,000	\$ 12,005,000	\$ 12,880,000	1,060,000	9.0%
OPERATING COSTS					
Salaries & Wages	1,464,078	1,466,890	1,501,462	37,384	2.6%
Contractual Services					
Water Commission	6,080,000	6,250,000	6,325,000	245,000	4.0%
WRC Contract	1,831,000	1,831,000	1,854,690	23,690	1.3%
All Other	<u>1,600,007</u>	<u>1,503,541</u>	<u>1,730,339</u>	<u>130,332</u>	8.1%
Total Contractual	9,511,007	9,584,541	9,910,029	399,022	4.2%
Commodities	354,458	345,494	689,222	334,764	94.4%
Debt	<u>486,523</u>	<u>486,523</u>	<u>485,541</u>	<u>(982)</u>	-0.2%
TOTAL OPERATING	11,816,066	11,883,448	12,586,254	770,188	6.5%
Net G/L Before Capital	3,934	121,552	293,746		
CAPITAL COSTS	<u>3,437,000</u>	<u>455,490</u>	<u>3,896,500</u>	<u>459,500</u>	13.4%
Total Expenses	<u>\$ 15,253,066</u>	<u>\$ 12,338,938</u>	<u>\$ 16,482,754</u>	<u>1,229,688</u>	8.1%
Fund Income/(Loss)	\$ (3,433,066)	\$ (333,938)	\$ (3,602,754)		



Water & Sewer Fund FY18/19

OPERATING EXPENSE HIGHLIGHTS

- One additional WSE position to be hired and dedicated to 3+ year AMR Replacement Program and absorbed as permanent staff addition thereafter.
- Cost of Water +\$245,000. This assumes purchases identical to FY17/18 (1.28 B gallons) and includes 6 cent DWC rate adjustment on 5/1/18.
- Commodities reflect an additional \$342,500 for AMR purchases under the Meter account to begin a 3+ year AMR Replacement Program.

Water & Sewer Fund FY18/19

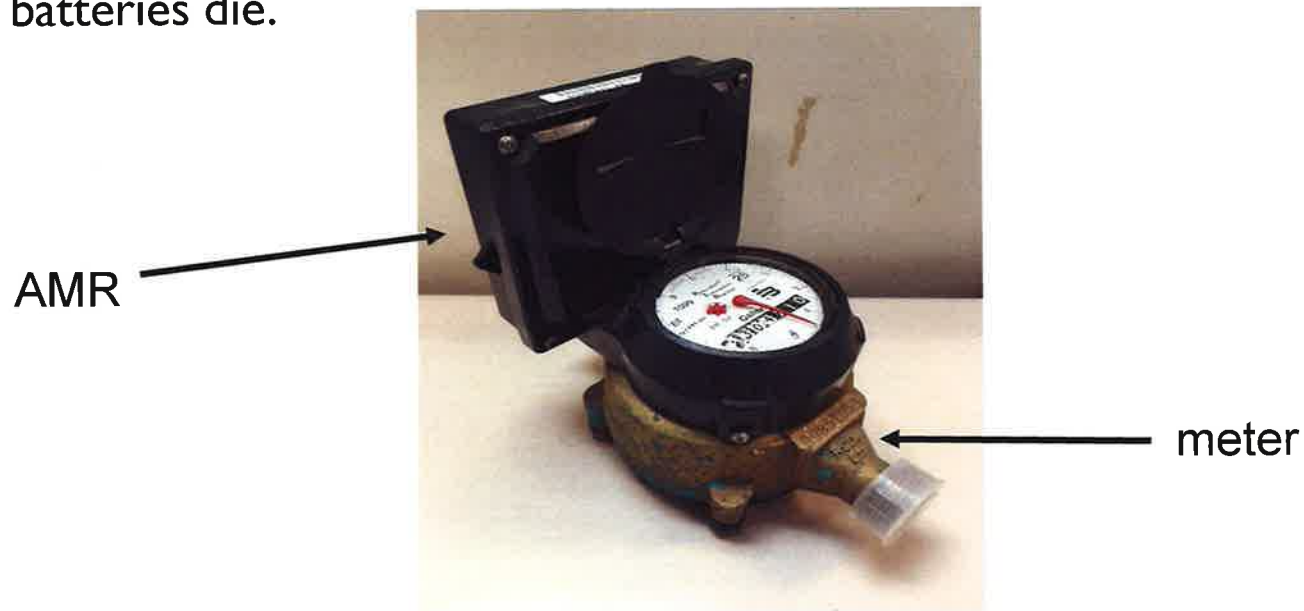
OPERATING EXPENSE HIGHLIGHTS

- WRC contract operator increase (\$24,000 or 1.3% over FY17/18)
- Sewer Maintenance & Repair - \$200,000 budgeted for design of future sewer projects stemming from FY17/18 Trunk Sewer Line inspections and assessments.
 - Future inspections/assessments deferred to year 3 of the financial plan (FY20/21 and beyond).

Water & Sewer Fund FY18/19

AMR Replacement Program

- FY17/18 study and testing of oldest meters in town revealed continued high degree of accuracy. No meter replacement program is proposed.
- AMRs (attached on top of water meter) that transmit meter readings via radio wave are well beyond life and are beginning to fail as internal batteries die.





Water & Sewer Fund FY18/19

AMR Replacement Program

- Propose replacement of approximately 8,600 AMR's over 3+ year time frame using internal staff to complete.
- Presently, as AMR's have failed, we are replacing with next generation AMR (model 100W). The proposed AMR Replacement program accelerates installation of the same newer generation 100W AMR so we can preempt the potential for an exponential rate of failure in existing older AMR's.
- The new generation AMR is capable of storing hourly reading data for a period of 40 days and can be used to help identify and document leaks or other service problems.
- This technology also lends itself to future upgraded reading collection through the installation of a fixed base network where readings can be obtained by installing antennae on water towers / street lights, etc. This would eliminate our current method of collecting readings by driving throughout town.

Water & Sewer Fund FY18/19

AMR Replacement Program

AMR Replacement Program Costs

\$342,500	AMR Units (2,500/yr)
62,700*	New WSE position dedicated to program
52,800	Temporary contract admin. help – Public Works
36,000	Temporary contract admin. help – Finance
<u>4,000*</u>	Miscellaneous supplies, phone (data), uniforms
<u>\$497,000</u>	Budgeted Program Costs

* These will be on-going costs and should be factored into water rates.

Water & Sewer Fund Capital Summary - FY18/19

Water System

Schmale Road Water Main Repl. (cont'd)	\$ 2,743,000 *
Dermody Water Main Replacement	115,000
Van Replacement (Truck #27)	<u>35,000</u>
Total Water	\$ 2,893,000

Sewer System

WRC Sandfilter Building Roof Replace	\$ 127,500
Sanitary Sewer Manhole Repairs	100,000
North Ave. Sewer Rehab. (design)	<u>772,000</u>
Total Sewer	<u>\$ 999,500</u>

Total Capital Improvement	<u><u>\$ 3,892,500</u></u>
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*** Rebudgeted from FY17/18**



RATE RECOMMENDATION

5/1/2018

Water & Sewer Fund FY18/19

5/1/18 RATE RECOMMENDATION

- Water Fund

- Each penny of water rate generates approximately \$10,900 of revenue based on anticipated water sales. 50 cent rate increase recommendation to cover the following operating cost increases:

7¢ New WSE position + FY18/19 compensation adj.

23¢ Increase in water cost from the DWC
6 cent DWC rate increase + 17 cents for 2.4% increase in purchases

20¢ Increases in consulting, maintenance and muni. svc. charges

50¢ Proposed Water Rate Increase, 5/1/18

Water & Sewer Fund FY18/19

5/1/18 RATE RECOMMENDATION

- Sewer Fund

- Each penny of sewer rate generates approximately \$8,800 of revenue (less than water because of approx. 700 accounts serviced by Wheaton Sanitary District). 40 cent rate increase recommendation to cover the following cost increases:

3¢	Increase in WRC operating contract
7¢	Increases in consulting and muni. svc. charges
30¢	Capital Funding
<hr/>	
40¢	Proposed Sewer Rate Increase, 5/1/18

Water & Sewer FY18/19 Budget

	Sewer Division	Water Division	Total Proposed FY18/19
Revenues	3,916,000	8,964,000	12,880,000
Expenses			
Salaries & Wages	326,949	1,174,513	1,501,462
Contractual Services			
Water Commission	-	6,325,000	6,325,000
WRC Contract	1,854,690	-	1,854,690
All Other	<u>838,012</u>	<u>892,327</u>	<u>1,730,339</u>
Subtotal	2,692,702	7,217,327	9,910,029
Commodities	51,699	637,523	689,222
Debt	<u>428,650</u>	<u>56,891</u>	<u>485,541</u>
Total Operating	<u>3,500,000</u>	<u>9,086,254</u>	<u>12,586,254</u>
Gain/(Loss) before Capital	416,000	(122,254)	293,746
Capital	<u>1,001,500</u>	<u>2,895,000</u>	<u>3,896,500</u>
Total Expenses	<u>4,501,500</u>	<u>11,981,254</u>	<u>16,482,754</u>
Fund Gain/(Loss)	<u>\$ (585,500)</u>	<u>\$(3,017,254)</u>	<u>\$ (3,602,754)</u>

Village of Carol Stream Proposed Rate Increase 5/1/18

May 1, 2018 Recommended Rates

Water:	Increase of \$0.50, from \$7.25 to \$7.75 (6.9%)
Sewer:	Increase of \$0.40, from \$3.82 to \$4.22 (10.5%)
Combined:	Increase of \$0.90, from \$11.07 to \$11.97

Combined increase of 8.1%

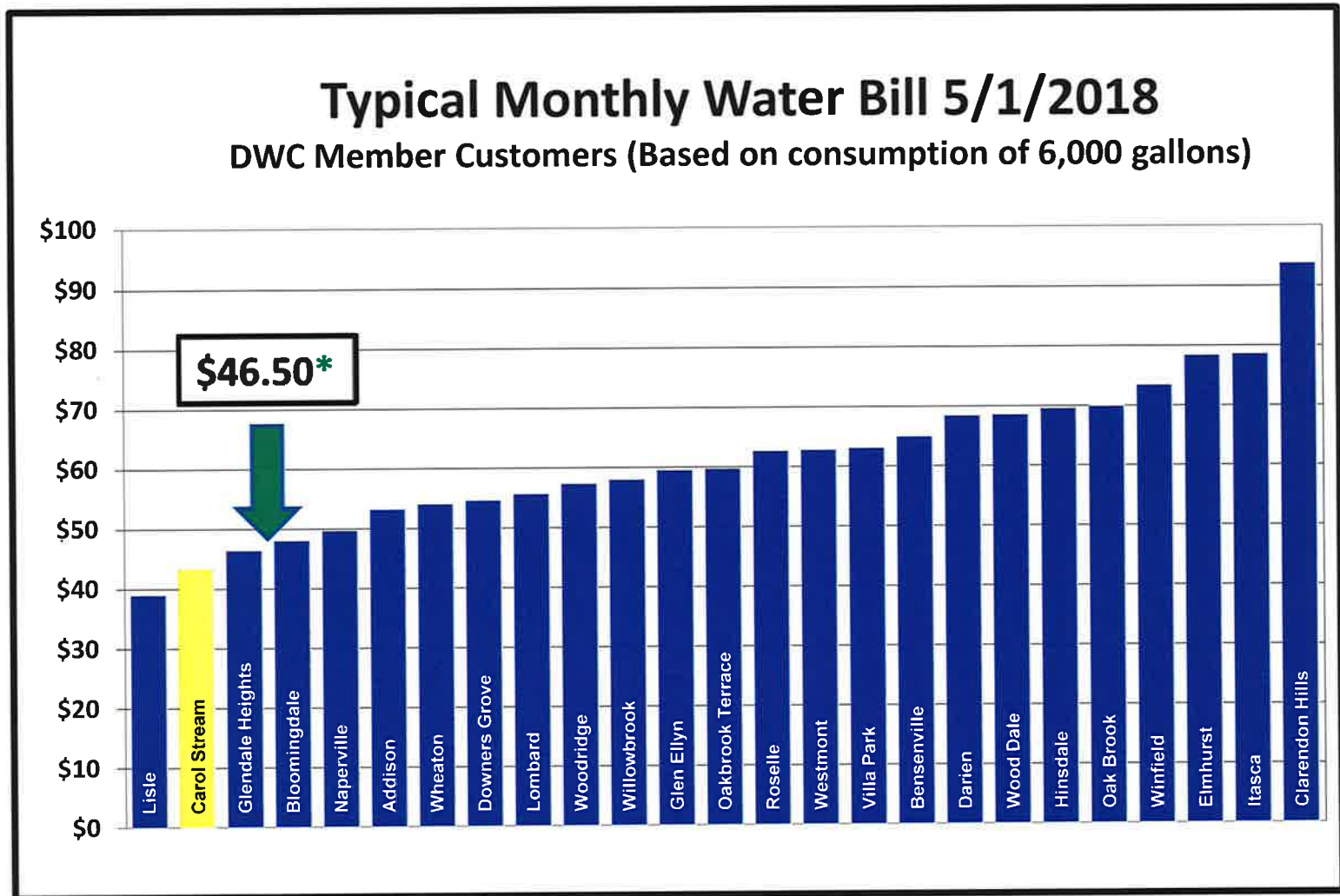
	Monthly Bill*	Monthly Bill*	Net Monthly
	<u>Before Increase</u>	<u>After 5/1/18</u>	<u>Increase</u>
Water	\$ 43.50	\$ 46.50	\$ 3.00
Sewer	<u>22.92</u>	<u>25.32</u>	<u>2.40</u>
Total	<u><u>\$ 66.42</u></u>	<u><u>\$ 71.82</u></u>	<u><u>\$ 5.40</u></u>

* Based on 6,000 gallons of water consumption / mo.

Water & Sewer Fund Projected Cash Reserve Levels

	<u>Balance</u>	<u>Change</u>
2016 actual	\$11,744,504	\$(1,536,379)
2017 actual	11,721,106	(23,398)
2018 est.	11,387,168	(333,938)
2019 proj.	7,784,414	(3,602,754)
2020 proj.	7,640,572	(143,842)
2021 proj.	6,591,223	(1,049,349)

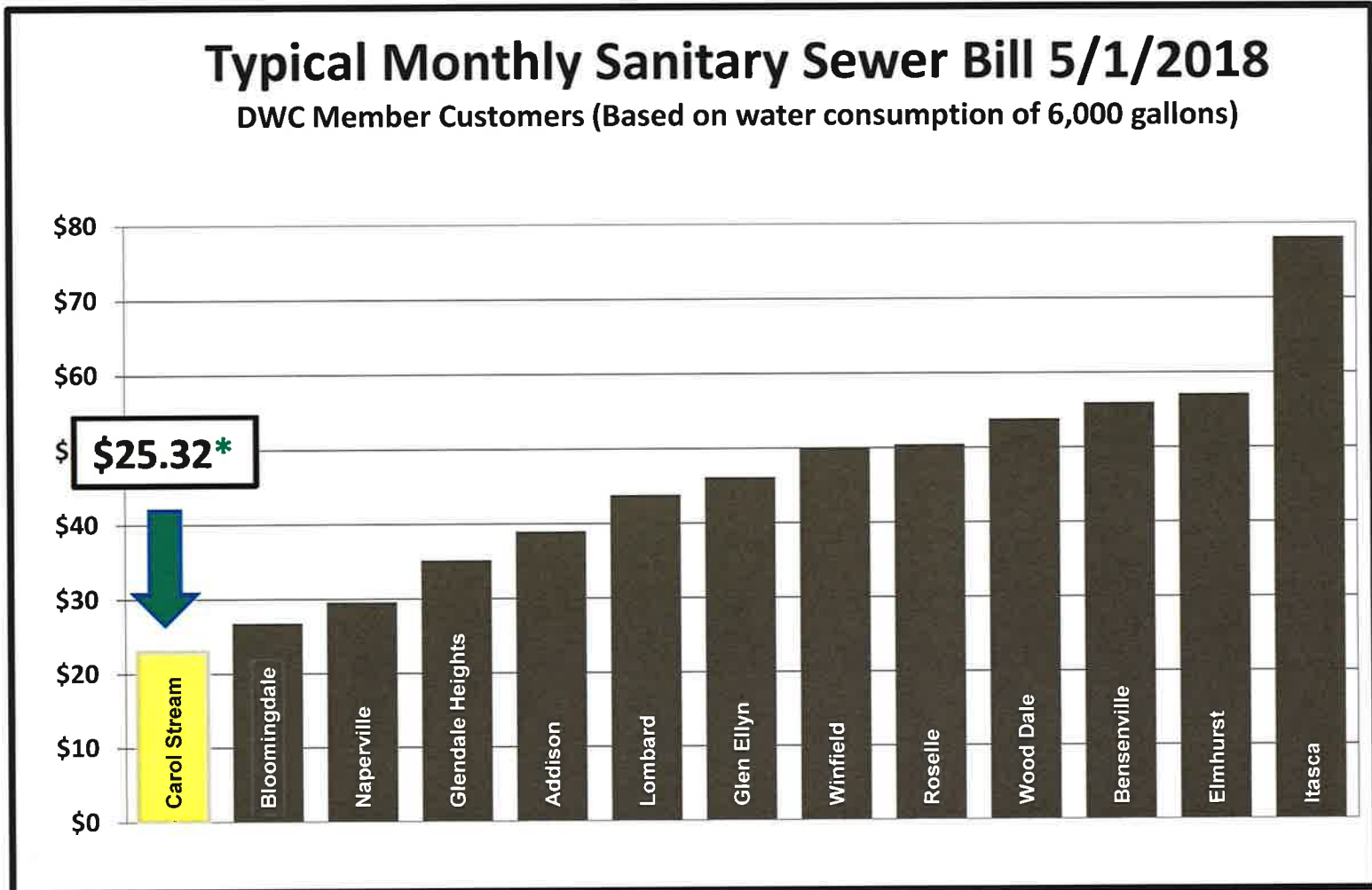
Water & Sewer Fund Community Comparison – Water



Source: Municipal Websites – 3/1/2018

* Recommended \$0.50 rate increase.

Water & Sewer Fund Community Comparison – Sewer



Source: Municipal Websites – 3/1/2018

Includes those municipal DWC members that bill for sewage treatment or operate treatment facilities.

* Recommended \$0.40 rate increase.



Next Steps

- **Friday, March 30, 2018**
 - Distribution of Draft FY18/19 Budget and availability for public review in Clerk's Office, on Village Web Site and at Library.
- **Monday, April 2, 2018**
 - 7:30 pm Regular Village Board Meeting
 - **Adoption of 4 cent per gallon municipal motor fuel tax** (effective June 1, 2018)
 - **Adoption of new water and sewer rates** (effective May 1, 2018)
- **Monday, April 16, 2018**
 - 7:30 pm Regular Village Board Meeting
 - **Budget Public Hearing**
 - **Budget Adoption**

Village of Carol Stream

WATER AND SEWER FUND

Revenues

Description	Actual FY 16/17	Revised Budget FY 17/18	Estimated Revenues FY 17/18	Proposed Budget FY 18/19	Projected FY 19/20	Projected FY 20/21
Water & Sewer Fund Revenues						
43415 Grants	\$ 314,064	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
44220 Water Billings	7,620,235	7,900,000	8,000,000	8,525,000	8,860,000	9,210,000
44221 Water Penalties	63,894	57,000	55,000	60,000	62,000	64,000
44223 Connect - Water	1,250	1,000	700	1,000	1,000	1,000
44224 Meter Sales	12,594	5,000	12,000	5,000	5,000	5,000
44225 Sewer Billings	3,006,719	3,380,000	3,370,000	3,720,000	3,870,000	4,020,000
44226 Sewer Penalties	42,447	42,000	40,000	45,000	46,000	47,000
44227 Connect - Sewer	3,320	2,000	1,500	1,000	1,000	1,000
44228 Expansion Fee	31,509	15,000	70,000	25,000	25,000	25,000
44255 Admin.Fee	64,965	65,000	72,000	70,000	70,000	70,000
46501 Interest Income	55,926	65,000	143,000	180,000	200,000	225,000
47406 Wheaton San.	6,109	7,000	7,000	7,000	7,000	7,000
47407 Misc. Revenue	47,256	45,000	20,000	25,000	25,000	25,000
47410 DPC Reimb.	58,852	58,000	57,800	57,000	56,000	55,000
47517 Rental Income	194,445	178,000	156,000	159,000	162,000	165,000
Total Revenues	\$ 11,523,585	\$ 11,820,000	\$ 12,005,000	\$ 12,880,000	\$ 13,390,000	\$ 13,920,000

ASSUMPTIONS

Historic Rates

Water	\$ 6.93	\$ 7.25
Sewer	\$ 3.42	\$ 3.82

Recommended FY18/19

Water	Increase 50 cents (6.9%)	\$ 7.75
Sewer	Increase 40 cents (10.5%)	\$ 4.22

Future Planning (illustration only)

Water	Increase 4.0% per year	\$ 8.06	\$ 8.38
Sewer	Increase 4.0% per year	\$ 4.39	\$ 4.56

Village of Carol Stream

WATER AND SEWER FUND

Summary Revenues & Expenses

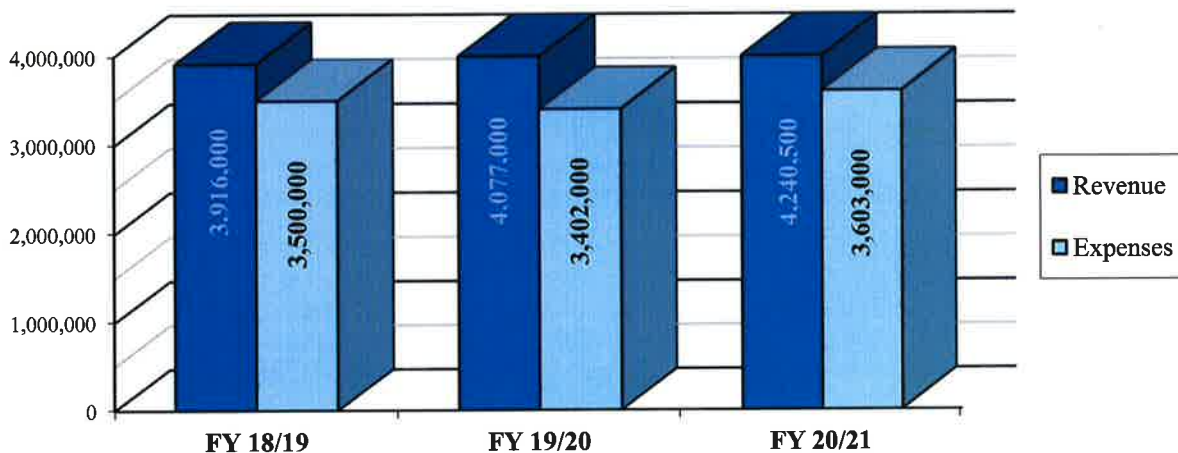
	Actual FY 16/17	Revised Budget FY 17/18	Estimated Expenditures FY 17/18	Proposed Budget FY 18/19	Projected FY 19/20	Projected FY 20/21
REVENUES	\$ 11,523,585	\$ 11,820,000	\$ 12,005,000	\$ 12,880,000	\$ 13,390,000	\$ 13,920,000
EXPENSES						
Operating Expenses						
Salaries & Wages	1,479,279	1,464,078	1,466,890	1,501,462	1,506,465	1,516,991
WRC Contract	1,701,593	1,831,000	1,831,000	1,854,690	1,918,326	1,972,252
DuPage Water Comm.	6,002,390	6,080,000	6,250,000	6,325,000	6,430,000	6,530,000
Contractual Services	1,233,096	1,600,007	1,503,541	1,730,339	1,735,429	2,051,501
Commodities	335,757	354,458	345,494	689,222	615,062	619,026
Debt	486,497	486,523	486,523	485,541	484,560	483,579
Total Operating Expenses	11,238,612	11,816,066	11,883,448	12,586,254	12,689,842	13,173,349
Net Income / (Loss)						
Before Capital	284,973	3,934	121,552	293,746	700,158	746,651
Capital Expenses						
Other Capital	33,721	176,000	199,650	39,000	165,000	96,000
Construction	127,955	3,261,000	255,840	3,857,500	679,000	1,700,000
Total Capital	161,676	3,437,000	455,490	3,896,500	844,000	1,796,000
Total Expenses	11,400,288	15,253,066	12,338,938	16,482,754	13,533,842	14,969,349
Fund Income / (Loss)	\$ 123,297	\$ (3,433,066)	\$ (333,938)	\$ (3,602,754)	\$ (143,842)	\$ (1,049,349)
Projected Cash Balance	11,721,106		11,387,168	7,784,414	7,640,572	6,591,223

Village of Carol Stream
WATER AND SEWER FUND

Wastewater Collection & Treatment Center
Revenues & Expenses

Description	Actual FY 16/17	Revised Budget FY 17/18	Estimated FY 17/18	Proposed Budget FY 18/19	Projected FY 19/20	Projected FY 20/21
Sewer Revenues						
Sewer Billings	\$3,006,719	\$3,380,000	\$3,370,000	\$3,720,000	\$3,870,000	\$4,020,000
Sewer Penalties	42,447	42,000	40,000	45,000	46,000	47,000
Misc. Revenues	23,628	22,500	10,000	12,500	12,500	12,500
Shut-off / Admin. Fee	32,483	32,500	36,000	35,000	35,000	35,000
Connect Fee - Sewer	3,320	2,000	1,500	1,000	1,000	1,000
Expansion Fee	15,755	7,500	35,000	12,500	12,500	12,500
Interest Income	27,963	32,500	71,500	90,000	100,000	112,500
Grants	314,064	0	0	0	0	0
Total Sewer Revenues	\$3,466,378	\$3,519,000	\$3,564,000	\$3,916,000	\$4,077,000	\$4,240,500
Sewer Expenses						
Operating Expenses						
Salaries & Wages	317,820	339,388	333,624	326,949	328,820	330,783
WRC Contract	1,701,593	1,831,000	1,831,000	1,854,690	1,918,326	1,972,252
Contractual Services	592,244	883,399	868,354	838,012	688,150	832,835
Commodities	48,400	37,628	36,014	51,699	38,054	38,480
Debt	428,298	428,651	428,651	428,650	428,650	428,650
Total Operating Exp.	3,088,355	3,520,066	3,497,643	3,500,000	3,402,000	3,603,000
Net Income / (Loss) Before Capital	378,023	(1,066)	66,357	416,000	675,000	637,500
Capital Expenses	109,968	298,000	245,590	1,001,500	400,000	1,700,000
Total Sewer Expenses	\$3,198,323	\$3,818,066	\$3,743,233	\$4,501,500	\$3,802,000	\$5,303,000
Net Income/(Loss)	\$ 268,055	\$ (299,066)	\$ (179,233)	\$ (585,500)	\$ 275,000	\$ (1,062,500)

**SEWER DIVISION
REVENUES vs. OPERATING EXPENSES FY18/19 - FY20/21**

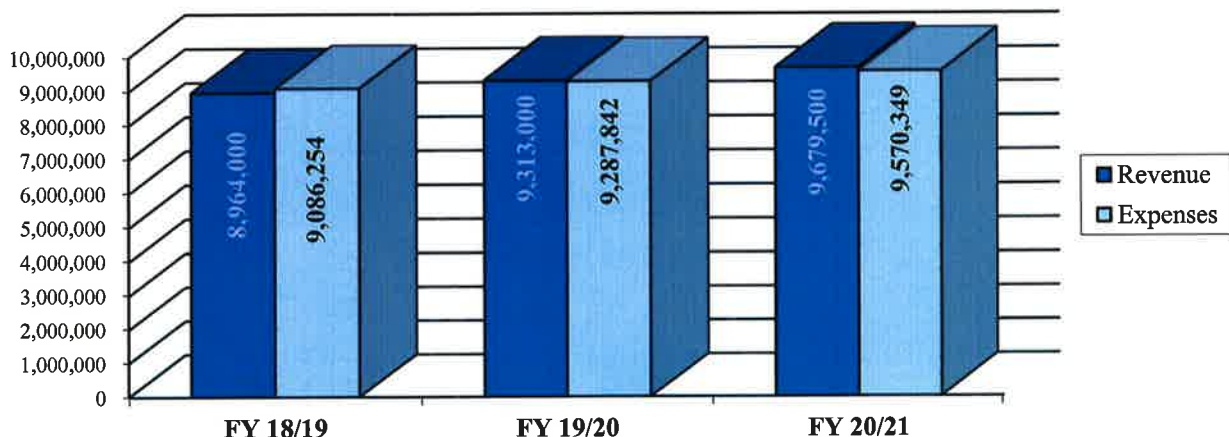


Village of Carol Stream
WATER AND SEWER FUND

Water Division
Revenues & Expenses

Description	Actual FY 16/17	Revised Budget FY 17/18	Estimated FY 17/18	Proposed Budget FY 18/19	Projected FY 19/20	Projected FY 20/21
Water Revenues						
Water Billings	\$7,620,235	\$7,900,000	\$8,000,000	\$8,525,000	\$8,860,000	\$9,210,000
Water Penalties	63,894	57,000	55,000	60,000	62,000	64,000
Meter Sales	12,594	5,000	12,000	5,000	5,000	5,000
Misc. Revenues	23,628	22,500	10,000	12,500	12,500	12,500
Shut-off Admin. Fee	32,483	32,500	36,000	35,000	35,000	35,000
Wheaton Sanitary Fee	6,109	7,000	7,000	7,000	7,000	7,000
Interest Income	27,963	32,500	71,500	90,000	100,000	112,500
Rental Income	194,445	178,000	156,000	159,000	162,000	165,000
Connection Fee - Water	1,250	1,000	700	1,000	1,000	1,000
Expansion Fee	15,755	7,500	35,000	12,500	12,500	12,500
DPC Water Main Reimb	58,852	58,000	57,800	57,000	56,000	55,000
Total Water Revenues	\$8,057,207	\$8,301,000	\$8,441,000	\$8,964,000	\$9,313,000	\$9,679,500
Water Expenses						
Operating Expenses						
Salaries & Wages	1,161,459	1,124,690	1,133,266	1,174,513	1,177,645	1,186,208
DuPage Water Comm.	6,002,390	6,080,000	6,250,000	6,325,000	6,430,000	6,530,000
Contractual Services	640,852	716,608	635,187	892,327	1,047,279	1,218,666
Commodities	287,357	316,830	309,480	637,523	577,008	580,546
Debt	58,199	57,872	57,872	56,891	55,910	54,929
Total Operating Exp.	8,150,257	8,296,000	8,385,805	9,086,254	9,287,842	9,570,349
Net Income / (Loss) Before Capital	(93,050)	5,000	55,195	(122,254)	25,158	109,151
Capital Expenses	51,708	3,139,000	209,900	2,895,000	444,000	96,000
Total Water Expenses	\$8,201,965	\$11,435,000	\$8,595,705	\$11,981,254	\$9,731,842	\$9,666,349
Net Income/(Loss)	\$ (144,758)	\$ (3,134,000)	\$ (154,705)	\$ (3,017,254)	\$ (418,842)	\$13,151

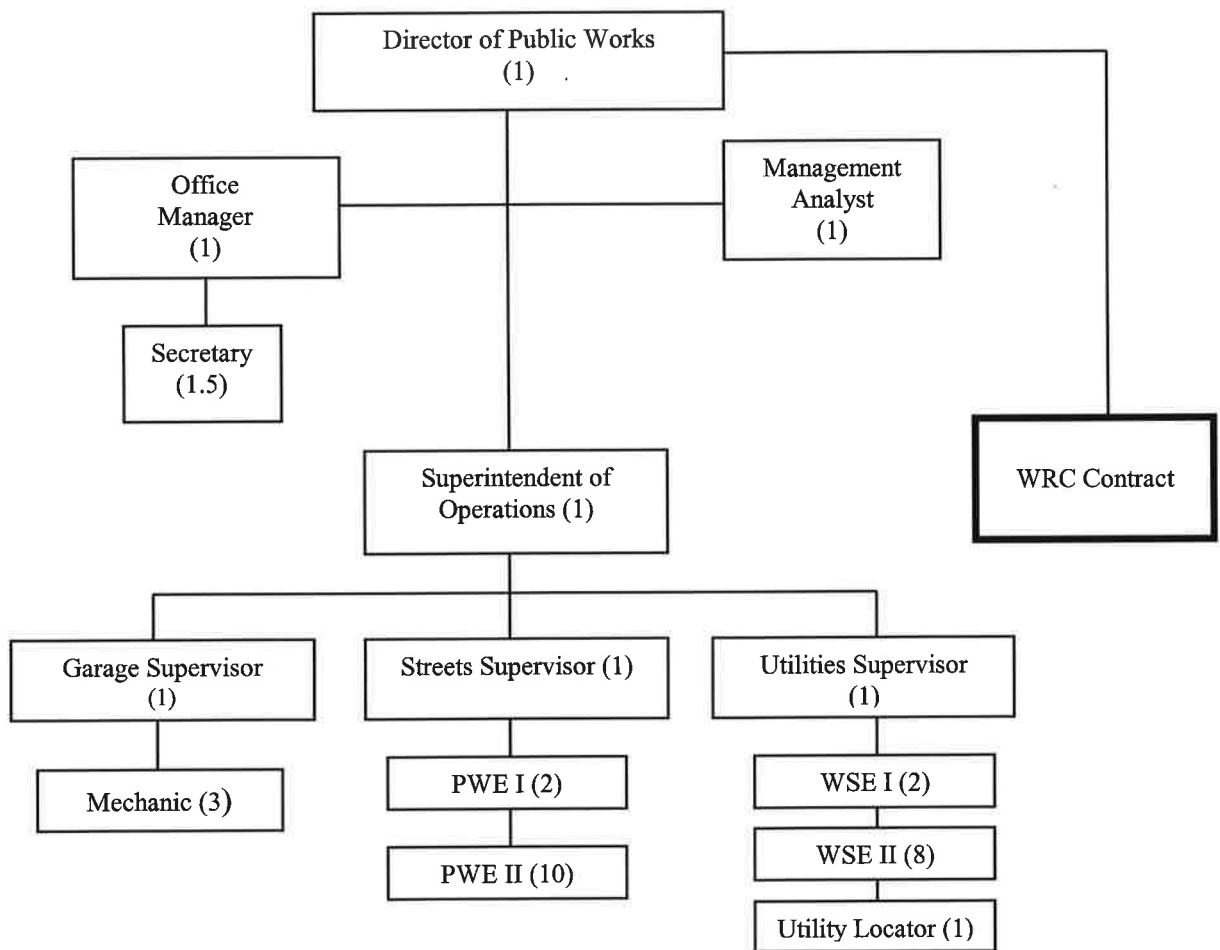
**WATER DIVISION
REVENUES vs. OPERATING EXPENSES FY18/19 - FY20/21**



PERSONNEL SCHEDULE

	<u>Authorized FY16/17</u>	<u>Budget FY17/18</u>	<u>Proposed FY18/19</u>	<u>Projected FY19/20</u>	<u>Projected FY20/21</u>
Streets	18.5	18.5	18.5	18.5	18.5
Water/Sewer	11	11	12	12	12
Municipal Garage	4	4	4	4	4
Total	33.5	33.5	34.5	34.5	34.5

ORGANIZATIONAL CHART



Wastewater Collection & Treatment Center – Summary Detail

EXPENSE

Acct. #/Description	Actual FY 16/17	Revised Budget FY 17/18	Estimated Expenditures FY 17/18	Proposed Budget FY 18/19	Projected FY 19/20	Projected FY 20/21
Salaries & Wages						
51102 Personal Services	\$ 228,884	\$ 231,633	\$ 232,453	\$ 223,160	\$ 223,160	\$ 223,160
51106 Seasonal Help	1,585	5,785	2,700	5,229	5,229	5,229
51109 Overtime	2,811	8,600	6,500	6,600	6,600	6,600
51111 Group Insurance	29,225	35,735	35,735	37,395	39,266	41,229
51112 IMRF	33,533	33,778	34,400	31,382	31,382	31,382
51113 FICA	16,491	18,521	16,500	17,847	17,847	17,847
51114 Workers Comp.	5,291	5,336	5,336	5,336	5,336	5,336
Subtotal	317,820	339,388	333,624	326,949	328,820	330,783
Contractual Services						
52212 Auto Maint. & Repair	25,987	19,592	18,626	19,250	18,613	18,668
52221 Utility Bill Processing	62,569	66,000	61,500	46,800	47,400	49,050
52223 Training	3,347	2,025	1,350	2,600	2,600	2,600
52224 Vehicle Insurance	811	818	818	818	818	818
52229 Postage	26,679	28,040	26,800	28,000	28,000	28,000
52230 Telephone	2,851	4,140	3,430	3,430	3,600	3,770
52231 Copy Expense	64	250	250	250	250	250
52234 Dues & Subscriptions	32,230	52,810	52,810	54,325	89,850	92,375
52237 Audit Fees	5,000	5,000	5,000	5,000	5,000	5,000
52238 Legal Fees	18,160	7,500	7,500	7,500	5,000	5,000
52244 Maintenance and Repair	38,531	343,200	325,400	274,500	87,300	247,400
52253 Consultant	81,512	24,500	36,000	46,000	38,500	36,000
52255 Software Maintenance	14,997	47,200	48,281	34,120	48,220	28,320
52256 Banking Services	4,040	4,455	3,000	2,400	2,400	2,400
52261 Liability Insurance	22,153	22,344	22,344	22,344	22,344	22,344
52262 WRC Contract	1,701,593	1,831,000	1,831,000	1,854,690	1,918,326	1,972,252
52263 Property Insurance	20,270	20,625	20,625	20,625	20,625	20,625
52272 NPDES Permit Fee	31,863	31,700	31,700	31,550	31,630	31,715
52274 Community Svc. Pgms.	180	1,200	920	1,000	1,000	1,000
52280 Municipal Service Chg.	201,000	202,000	202,000	237,500	235,000	237,500
Subtotal	2,293,837	2,714,399	2,699,354	2,692,702	2,606,476	2,805,087
Commodities						
53210 Electricity	10,526	12,000	11,000	12,000	12,000	12,000
53220 Water	751	700	700	700	700	700
53230 Natural Gas	1,270	1,500	1,500	1,500	1,500	1,500
53313 Auto Gas	6,714	8,158	7,544	7,774	8,179	8,605
53317 Operating Supplies	11,832	8,950	8,950	8,500	8,500	8,500
53324 Uniforms	3,795	3,320	3,320	3,675	3,675	3,675
53350 Small Equipment	13,512	3,000	3,000	17,550	3,500	3,500
Subtotal	48,400	37,628	36,014	51,699	38,054	38,480

Wastewater Collection & Treatment Center – Summary Detail

EXPENSE

Acct. #/Description	Actual FY 16/17	Revised Budget FY 17/18	Estimated Expenditures FY 17/18	Proposed Budget FY 18/19	Projected FY 19/20	Projected FY 20/21
Capital / Debt						
54412 Other Equipment	0	0	14,750	2,000	0	0
54480 Construction	109,968	298,000	230,840	999,500	400,000	1,700,000
56490 Loan Principal	353,152	362,286	362,286	371,656	381,269	391,131
56491 Loan Interest	75,146	66,365	66,365	56,994	47,381	37,519
Subtotal	538,266	726,651	674,241	1,430,150	828,650	2,128,650
Totals	\$ 3,198,323	\$ 3,818,066	\$ 3,743,233	\$ 4,501,500	\$ 3,802,000	\$ 5,303,000

Wastewater Collection & Treatment Center – Administration Detail

Administration Expenditures (04100100)

Acct. #/Description	Actual FY 16/17	Revised Budget FY 17/18	Estimated Expenditures FY 17/18	Proposed Budget FY 18/19	Projected FY 19/20	Projected FY 20/21
Salaries & Wages						
51102 Personal Services	\$ 81,302	\$ 83,804	\$ 81,535	\$ 80,739	\$ 80,739	\$ 80,739
51109 Overtime	47	4,100	4,100	3,100	3,100	3,100
51111 Group Insurance	10,508	12,683	12,683	13,334	14,001	14,701
51112 IMRF	11,779	12,390	11,500	11,403	11,403	11,403
51113 FICA	5,464	6,639	4,900	6,339	6,339	6,339
51114 Workers Comp.	1,329	1,340	1,340	1,340	1,340	1,340
Subtotal	110,429	120,956	116,058	116,255	116,922	117,622
Contractual Services						
52223 Training	2,708	1,025	750	1,600	1,600	1,600
52229 Postage	0	40	0	0	0	0
52230 Telephone	2,851	4,140	3,430	3,430	3,600	3,770
52234 Dues & Subscriptions	32,230	52,810	52,810	54,325	89,850	92,375
52238 Legal Fees	18,160	7,500	7,500	7,500	5,000	5,000
52255 Software Maintenance	6,535	15,000	36,281	10,420	10,420	10,420
52261 Liability Insurance	22,153	22,344	22,344	22,344	22,344	22,344
52263 Property Insurance	20,270	20,625	20,625	20,625	20,625	20,625
52272 NPDES Permit Fee	30,000	30,000	30,000	30,000	30,000	30,000
52274 Community Service Pgms.	180	1,200	920	1,000	1,000	1,000
Subtotal	135,087	154,684	174,660	151,244	184,439	187,134
Commodities						
53324 Uniforms	3,795	3,320	3,320	3,675	3,675	3,675
Subtotal	3,795	3,320	3,320	3,675	3,675	3,675
Debt						
56490 Loan Principal (IEPA)	353,152	362,286	362,286	371,656	381,269	391,131
56491 Loan Interest (IEPA)	75,146	66,365	66,365	56,994	47,381	37,519
Subtotal	428,298	428,651	428,651	428,650	428,650	428,650
Totals	\$ 677,609	\$ 707,611	\$ 722,689	\$ 699,824	\$ 733,686	\$ 737,081

Wastewater Collection & Treatment Center – Daily Treatment Operations Detail

Daily Treatment Operations Expenditures (04101100)

Acct. #/Description	Actual FY 16/17	Revised Budget FY 17/18	Estimated Expenditures FY 17/18	Proposed Budget FY 18/19	Projected FY 19/20	Projected FY 20/21
Contractual Services						
52212 Auto Maint. & Repr.	\$ 7,211	\$ 7,976	\$ 7,583	\$ 7,837	\$ 7,578	\$ 7,600
52224 Vehicle Insurance	275	277	277	277	277	277
52231 Copy Expense	64	250	250	250	250	250
52244 Maintenance & Repr.	12,454	1,000	5,400	1,000	1,000	1,000
52253 Consultant	81,512	24,500	36,000	10,000	2,500	0
52262 WRC Contract	1,701,593	1,831,000	1,831,000	1,855,560	1,918,326	1,972,252
Subtotal	1,803,109	1,865,003	1,880,510	1,874,924	1,929,931	1,981,379
Commodities						
53313 Auto Gas	1,115	1,890	1,748	1,801	1,895	1,994
Subtotal	1,115	1,890	1,748	1,801	1,895	1,994
Capital Outlay						
54480 Construction	109,968	182,000	176,500	127,500	400,000	1,700,000
Subtotal	109,968	182,000	176,500	127,500	400,000	1,700,000
Totals	\$ 1,914,192	\$ 2,048,893	\$ 2,058,758	\$ 2,004,225	\$ 2,331,826	\$ 3,683,373

WATER AND SEWER FUND**PUBLIC WORKS****Wastewater Collection & Treatment Center – Sewer System Maint. & Repair Detail****Sewer System Maintenance & Repair Expenditures (04101500)**

Acct. #/Description	Actual FY 16/17	Revised Budget FY 17/18	Estimated Expenditures FY 17/18	Proposed Budget FY 18/19	Projected FY 19/20	Projected FY 20/21
Salaries & Wages						
51102 Personal Services	\$ 87,667	\$ 78,079	\$ 87,918	\$ 75,222	\$ 75,222	\$ 75,222
51106 Seasonal Help	1,585	5,785	2,700	5,229	5,229	5,229
51109 Overtime	2,742	4,000	2,300	3,000	3,000	3,000
51111 Group Insurance	10,508	11,863	11,863	12,468	13,092	13,746
51112 IMRF	13,082	11,570	14,000	10,780	10,780	10,780
51113 FICA	6,677	6,617	7,000	6,391	6,391	6,391
51114 Workers Comp.	3,852	3,885	3,885	3,885	3,885	3,885
Subtotal	126,113	121,799	129,666	116,975	117,599	118,253
Contractual Services						
52212 Auto Maint. & Repair	18,776	11,616	11,043	11,413	11,035	11,068
52223 Training	639	1,000	600	1,000	1,000	1,000
52224 Vehicle Insurance	536	541	541	541	541	541
52244 Maintenance & Repair	26,077	342,200	320,000	273,500	86,300	246,400
52272 Property Maintenance	1,863	1,700	1,700	1,550	1,630	1,715
Subtotal	47,891	357,057	333,884	288,004	100,506	260,724
Commodities						
53210 Electricity	10,526	12,000	11,000	12,000	12,000	12,000
53220 Water	751	700	700	700	700	700
53230 Natural Gas	1,270	1,500	1,500	1,500	1,500	1,500
53313 Auto Gas	5,599	6,268	5,796	5,973	6,284	6,611
53317 Operating Supplies	11,832	8,950	8,950	8,500	8,500	8,500
53350 Small Equipment	13,512	3,000	3,000	17,550	3,500	3,500
Subtotal	43,490	32,418	30,946	46,223	32,484	32,811
Capital Outlay						
54480 Construction	0	116,000	54,340	872,000	0	0
Subtotal	0	116,000	54,340	872,000	0	0
Totals	\$ 217,494	\$ 627,274	\$ 548,836	\$ 1,323,202	\$ 250,589	\$ 411,788

Wastewater Collection & Treatment Center – Utility Billing Detail

Utility Billing Expenditures (04103100)

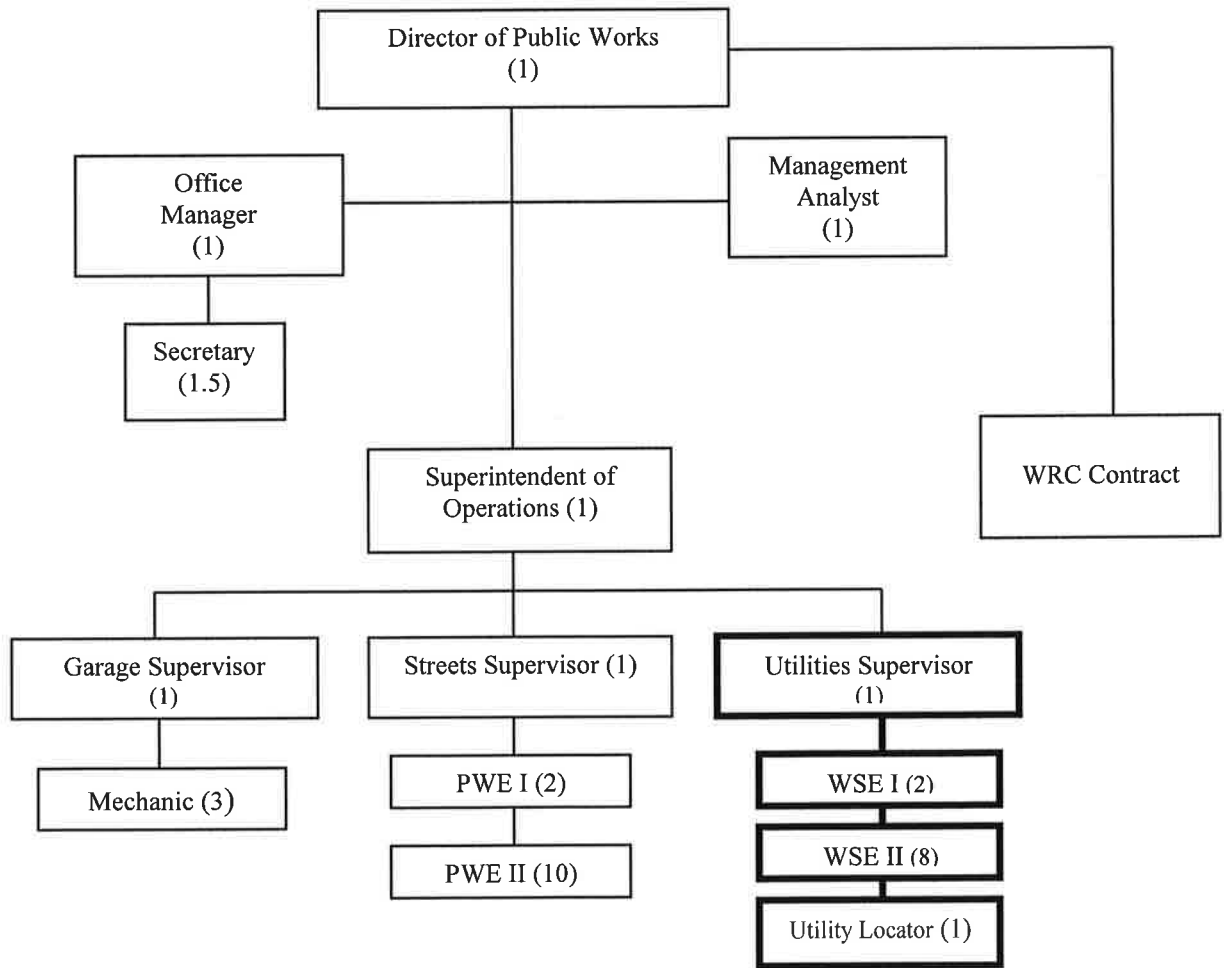
Acct. #/Description	Actual FY 16/17	Revised Budget FY 17/18	Estimated Expenditures FY 17/18	Proposed Budget FY 18/19	Projected FY 19/20	Projected FY 20/21
Salaries & Wages						
51102 Personal Services	\$ 59,915	\$ 69,750	\$ 63,000	\$ 67,199	\$ 67,199	\$ 67,199
51109 Overtime	22	500	100	500	500	500
51111 Group Insurance	8,209	11,189	11,189	11,593	12,173	12,782
51112 IMRF	8,672	9,818	8,900	9,199	9,199	9,199
51113 FICA	4,350	5,265	4,600	5,117	5,117	5,117
51114 Workers Comp.	110	111	111	111	111	111
Subtotal	81,278	96,633	87,900	93,719	94,299	94,908
Contractual Services						
52221 Utility Bill Processing	62,569	66,000	61,500	46,800	47,400	49,050
52229 Postage	26,679	28,000	26,800	28,000	28,000	28,000
52237 Audit Fees	5,000	5,000	5,000	5,000	5,000	5,000
52253 Consultant	0	0	0	36,000	36,000	36,000
52255 Software Maintenance	8,462	32,200	12,000	23,700	37,800	17,900
52256 Banking Services	4,040	4,455	3,000	2,400	2,400	2,400
52280 Municipal Service Charge	201,000	202,000	202,000	237,500	235,000	237,500
Subtotal	307,750	337,655	310,300	379,400	391,600	375,850
Capital Outlay						
54412 Other Equipment	0	0	14,750	2,000	0	0
Subtotal	0	0	14,750	2,000	0	0
Totals	\$ 389,028	\$ 434,288	\$ 412,950	\$ 475,119	\$ 485,899	\$ 470,758

PERSONNEL SCHEDULE

	<u>Authorized FY16/17</u>	<u>Budget FY17/18</u>	<u>Proposed FY18/19</u>	<u>Projected FY19/20</u>	<u>Projected FY20/21</u>
Streets	18.5	18.5	18.5	18.5	18.5
Water/Sewer	11	11	12	12	12
Municipal Garage	4	4	4	4	4
Total	33.5	33.5	34.5	34.5	34.5

The Street Division Includes Public Works Administrative Staff.

ORGANIZATIONAL CHART



WATER AND SEWER FUND

PUBLIC WORKS

Water Division – Summary Detail

EXPENSE

Acct.#	Description	Actual FY 16/17	Revised Budget FY 17/18	Estimated Expenditures FY 17/18	Proposed Budget FY 18/19	Projected FY 19/20	Projected FY 20/21
Salaries & Wages							
51102	Personal Services	\$ 735,979	\$ 743,049	\$ 738,090	\$ 765,831	\$ 767,080	\$ 768,360
51106	Seasonal Help	4,652	11,570	9,235	10,458	5,229	5,229
51109	Overtime	66,948	67,600	81,200	70,600	70,600	70,600
51111	Group Insurance	100,747	114,309	114,309	136,690	143,525	150,524
51112	IMRF	113,521	114,106	116,100	114,314	114,495	114,681
51113	FICA	58,347	61,524	61,800	64,088	64,184	64,282
51114	Workers Comp.	12,425	12,532	12,532	12,532	12,532	12,532
51117	Comp. Absences	(500)	0	0	0	0	0
51118	OPEB Obligation	69,340	0	0	0	0	0
	Subtotal	1,161,459	1,124,690	1,133,266	1,174,513	1,177,645	1,186,208
Contractual Services							
52212	Auto Maint. & Repai	60,013	69,465	66,038	68,251	65,991	66,186
52221	Utility Bill Processin	62,566	66,000	61,500	46,800	47,400	49,500
52222	Meetings	0	250	150	150	150	150
52223	Training	4,889	4,000	3,500	5,500	5,850	4,775
52224	Vehicle Insurance	8,496	8,569	8,569	8,569	8,569	8,569
52229	Postage	26,679	28,000	26,800	29,500	29,500	29,500
52230	Telephone	3,488	4,140	4,000	6,388	6,200	6,512
52234	Dues & Subscriptions	1,111	1,460	1,360	1,420	1,450	1,480
52237	Audit Fees	5,000	5,000	5,000	5,000	5,000	5,000
52238	Legal Fees	2,393	4,000	2,500	4,000	4,000	4,000
52240	Public Notices	27	500	400	500	500	500
52244	Maint. and Repair	129,307	152,100	98,000	225,600	369,100	319,100
52253	Consultant	46,675	19,500	4,500	124,800	118,800	379,800
52255	Software Maintenanc	14,997	47,200	48,281	34,110	48,210	28,310
52256	Banking Services	4,040	4,455	3,000	2,400	2,400	2,400
52261	Liability Insurance	22,153	22,344	22,344	22,344	22,344	22,344
52263	Property Insurance	20,270	20,625	20,625	20,625	20,625	20,625
52264	Equipment Rental	235	1,000	1,000	1,000	1,000	1,000
52265	Hauling	6,076	5,000	7,500	6,500	6,500	6,500
52272	Property Maintenance	1,863	1,700	1,700	1,550	1,630	1,715
52274	Community Pgms.	132	1,200	920	1,000	1,000	1,000
52279	Lab Services	9,671	12,100	9,000	17,820	15,060	11,200
52280	Municipal Svc. Chg.	201,000	202,000	202,000	237,500	235,000	237,500
52282	Meter Maintenance	2,321	30,000	30,000	15,000	25,000	5,000
52283	DuPage Water Com.	6,002,390	6,080,000	6,250,000	6,325,000	6,430,000	6,530,000
52284	Equipment Maint.	409	1,000	1,000	1,000	1,000	1,000
52286	Pavement Restoratio	7,041	5,000	5,500	5,000	5,000	5,000
	Subtotal	6,643,242	6,796,608	6,885,187	7,217,327	7,477,279	7,748,666

WATER AND SEWER FUND

PUBLIC WORKS

Water Division – Summary Detail

EXPENSE

Acct.#	Description	Actual FY 16/17	Revised Budget FY 17/18	Estimated Expenditures FY 17/18	Proposed Budget FY 18/19	Projected FY 19/20	Projected FY 20/21
Commodities							
53210	Electricity	70,819	65,000	65,000	65,000	65,000	65,000
53230	Natural Gas	741	1,000	900	900	900	900
53313	Auto Gas	13,577	19,900	18,400	18,963	19,948	20,986
53314	Office Supplies	1,022	750	600	750	750	750
53315	Printed Materials	182	200	200	200	200	200
53316	Small Tools	2,082	2,000	2,000	2,000	2,000	2,000
53317	Operating Supplies	56,507	53,100	48,000	54,600	54,600	54,600
53320	Water	480	10,000	10,000	10,000	10,000	10,000
53324	Uniforms	4,898	3,880	3,880	4,810	4,810	4,810
53331	Chemicals	1,523	1,000	500	800	800	800
53333	Meters	130,470	150,000	150,000	462,500	412,500	412,500
53350	Small Equipment	5,056	10,000	10,000	17,000	5,500	8,000
	Subtotal	287,357	316,830	309,480	637,523	577,008	580,546
Capital /Debt							
54412	Other Equipment	33,721	11,000	24,400	2,000	0	0
54415	Vehicles	0	165,000	160,500	35,000	165,000	96,000
54480	Construction	17,987	2,963,000	25,000	2,858,000	279,000	0
56490	Loan Princ. (DWC)	49,044	49,044	49,044	49,044	49,044	49,044
56491	Loan Interest (DWC)	9,155	8,828	8,828	7,847	6,866	5,885
	Subtotal	109,907	3,196,872	267,772	2,951,891	499,910	150,929
Totals		\$ 8,201,965	\$ 11,435,000	\$ 8,595,705	\$ 11,981,254	\$ 9,731,842	\$ 9,666,349

Administration Expenditures (04200100)

Acct. #/Description	Actual FY 16/17	Revised Budget FY 17/18	Estimated Expenditure: FY 17/18	Proposed Budget FY 18/19	Projected FY 19/20	Projected FY 20/21
Salaries & Wages						
51102 Personal Services	\$ 284,227	\$ 288,891	\$ 285,043	\$ 278,323	\$ 278,323	\$ 278,323
51106 Seasonal Help	780	0	0	0	0	0
51109 Overtime	12,335	12,100	16,000	17,100	17,100	17,100
51111 Group Insurance	40,970	43,943	43,943	46,182	48,491	50,915
51112 IMRF	40,333	42,497	43,500	40,206	40,206	40,206
51113 FICA	21,219	22,773	22,500	22,343	22,343	22,343
51114 Workers Comp.	3,777	3,810	3,810	3,810	3,810	3,810
51117 Compensated Absences	(500)	0	0	0	0	0
51118 OPEB Obligation	69,340	0	0	0	0	0
Subtotal	472,481	414,014	414,796	407,964	410,273	412,697
Contractual Services						
52212 Auto Maint. & Repair	6,002	6,946	6,604	6,825	6,599	6,619
52222 Meetings	0	250	150	150	150	150
52223 Training	3,638	2,500	2,000	3,800	4,150	3,075
52224 Vehicle Insurance	560	565	565	565	565	565
52238 Legal Fees	2,393	4,000	2,500	4,000	4,000	4,000
52230 Telephone	3,488	4,140	4,000	6,388	6,200	6,512
52234 Dues & Subscriptions	911	1,160	1,160	1,120	1,150	1,180
52240 Public Notices/Information	27	500	400	500	500	500
52253 Consultant	17,073	0	0	0	0	105,000
52255 Software Maintenance	6,535	15,000	36,281	10,410	10,410	10,410
52261 Liability Insurance	22,153	22,344	22,344	22,344	22,344	22,344
52263 Property Insurance	20,270	20,625	20,625	20,625	20,625	20,625
52274 Community Service Pgms.	132	1,200	920	1,000	1,000	1,000
Subtotal	83,182	79,230	97,549	77,727	77,693	181,980
Commodities						
53313 Auto Gas	1,053	995	920	948	997	1,049
53314 Office Supplies	1,022	750	600	750	750	750
53315 Printed Materials	182	200	200	200	200	200
53320 Water	480	10,000	10,000	10,000	10,000	10,000
53324 Uniforms	4,898	3,880	3,880	4,810	4,810	4,810
Subtotal	7,635	15,825	15,600	16,708	16,757	16,809
Capital / Debt						
54415 Vehicles	0	45,000	41,000	0	0	0
54480 Construction	0	105,000	0	0	0	0
56490 Loan Principal (DWC)	49,044	49,044	49,044	49,044	49,044	49,044
56491 Loan Interest (DWC)	9,155	8,828	8,828	7,847	6,866	5,885
Subtotal	58,199	207,872	98,872	56,891	55,910	54,929
Totals	\$ 621,497	\$ 716,941	\$ 626,817	\$ 559,290	\$ 560,633	\$ 666,415

WATER AND SEWER FUND

PUBLIC WORKS

Water Division - Distribution System Operations & Maintenance Detail

Distribution System Operations & Maintenance Expenditures (04201600)

Acct. #/Description	Actual FY 16/17	Revised Budget FY 17/18	Estimated Expenditures FY 17/18	Proposed Budget FY 18/19	Projected FY 19/20	Projected FY 20/21
Salaries & Wages						
51102 Personal Services	\$ 294,004	\$ 295,398	\$ 294,847	\$ 284,591	\$ 284,591	\$ 284,591
51106 Seasonal Help	3,872	11,570	9,235	10,458	5,229	5,229
51109 Overtime	50,678	50,000	60,000	50,000	50,000	50,000
51111 Group Insurance	39,755	44,881	44,881	47,173	49,531	52,008
51112 IMRF	49,798	48,828	48,900	45,664	45,664	45,664
51113 FICA	25,327	26,539	27,000	26,133	26,133	26,133
51114 Workers Comp.	7,190	7,252	7,252	7,252	7,252	7,252
Subtotal	470,624	484,468	492,115	471,271	468,400	470,877
Contractual Services						
52212 Auto M & R	33,007	38,206	36,321	37,538	36,295	36,402
52223 Training	1,251	1,500	1,500	1,700	1,700	1,700
52224 Vehicle Insurance	4,642	4,682	4,682	4,682	4,682	4,682
52234 Dues & Subscript.	200	300	200	300	300	300
52244 Maint. and Repair	129,307	152,100	98,000	225,600	369,100	319,100
52253 Consultant	17,978	14,500	4,500	36,000	30,000	186,000
52264 Equipment Rental	235	1,000	1,000	1,000	1,000	1,000
52265 Hauling	6,076	5,000	7,500	6,500	6,500	6,500
52272 Property Maint.	1,863	1,700	1,700	1,550	1,630	1,715
52279 Lab Services	9,671	12,100	9,000	17,820	15,060	11,200
52283 DuPage Water Com.	6,002,390	6,080,000	6,250,000	6,325,000	6,430,000	6,530,000
52284 Equipment Maint.	409	1,000	1,000	1,000	1,000	1,000
52286 Pavement Restor.	7,041	5,000	5,500	5,000	5,000	5,000
Subtotal	6,214,070	6,317,088	6,420,903	6,663,690	6,902,267	7,104,599
Commodities						
53210 Electricity	70,819	65,000	65,000	65,000	65,000	65,000
53230 Natural Gas	741	1,000	900	900	900	900
53313 Auto Gas	8,146	11,940	11,040	11,378	11,969	12,592
53316 Small Tools	2,082	2,000	2,000	2,000	2,000	2,000
53317 Operating Supplies	56,507	53,100	48,000	54,600	54,600	54,600
53331 Chemicals	1,523	1,000	500	800	800	800
53350 Small Equipment	5,056	10,000	10,000	17,000	5,500	8,000
Subtotal	144,874	144,040	137,440	151,678	140,769	143,892
Capital Outlay						
54412 Other Equipment	33,721	11,000	9,650	0	0	0
54415 Vehicles	0	120,000	119,500	35,000	165,000	96,000
54480 Construction	17,987	2,858,000	25,000	2,858,000	279,000	0
Subtotal	51,708	2,989,000	154,150	2,893,000	444,000	96,000
Totals	\$ 6,881,276	\$ 9,934,596	\$ 7,204,608	\$ 10,179,639	\$ 7,955,436	\$ 7,815,368

Water Metering Expenditures (04201400)

Acct. #/Description	Actual FY 16/17	Revised Budget FY 17/18	Estimated Expenditures FY 17/18	Proposed Budget FY 18/19	Projected FY 19/20	Projected FY 20/21
Salaries & Wages						
51102 Personal Services	\$ 65,178	\$ 57,258	\$ 65,365	\$ 105,128	\$ 106,377	\$ 107,657
51109 Overtime	3,890	5,000	5,000	3,000	3,000	3,000
51111 Group Insurance	7,706	8,700	8,700	25,943	27,241	28,426
51112 IMRF	9,990	8,494	10,500	15,159	15,340	15,526
51113 FICA	5,094	4,551	5,500	8,221	8,317	8,415
51114 Workers Comp.	1,290	1,301	1,301	1,301	1,301	1,301
Subtotal	93,148	85,304	96,366	158,752	161,576	164,325
Contractual Services						
52212 Auto Maint. & Repair	21,004	24,313	23,113	23,888	23,097	23,165
52224 Vehicle Insurance	3,294	3,322	3,322	3,322	3,322	3,322
52229 Postage	0	0	0	1,500	1,500	1,500
52253 Consultant	11,624	5,000	0	52,800	52,800	52,800
52282 Meter Maintenance	2,321	30,000	30,000	15,000	25,000	5,000
Subtotal	38,243	62,635	56,435	96,510	105,719	85,787
Commodities						
53313 Auto Gas	4,378	6,965	6,440	6,637	6,982	7,345
53333 Meters	130,470	150,000	150,000	462,500	412,500	412,500
Subtotal	134,848	156,965	156,440	469,137	419,482	419,845
Totals	\$ 266,239	\$ 304,904	\$ 309,241	\$ 724,399	\$ 686,777	\$ 669,957

Utility Billing Expenditures (04203100)

Acct. #/Description	Actual FY 16/17	Revised Budget FY 17/18	Estimated Expenditures FY 17/18	Proposed Budget FY 18/19	Projected FY 19/20	Projected FY 20/21
Salaries & Wages						
51102 Personal Services	\$ 92,570	\$ 101,502	\$ 92,835	\$ 97,789	\$ 97,789	\$ 97,789
51109 Overtime	45	500	200	500	500	500
51111 Group Insurance	12,316	16,785	16,785	17,392	18,262	19,175
51112 IMRF	13,400	14,287	13,200	13,285	13,285	13,285
51113 FICA	6,707	7,661	6,800	7,391	7,391	7,391
51114 Workers Comp.	168	169	169	169	169	169
Subtotal	125,206	140,904	129,989	136,526	137,396	138,309
Contractual Services						
52221 Utility Bill Processing	62,566	66,000	61,500	46,800	47,400	49,500
52229 Postage	26,679	28,000	26,800	28,000	28,000	28,000
52237 Audit Fees	5,000	5,000	5,000	5,000	5,000	5,000
52253 Consultant	0	0	0	36,000	36,000	36,000
52255 Software Maintenance	8,462	32,200	12,000	23,700	37,800	17,900
52256 Banking Services	4,040	4,455	3,000	2,400	2,400	2,400
52280 Municipal Service Charge	201,000	202,000	202,000	237,500	235,000	237,500
Subtotal	307,747	337,655	310,300	379,400	391,600	376,300
Capital Outlay						
54412 Other Equipment	0	0	14,750	2,000	0	0
Subtotal	0	0	14,750	2,000	0	0
Totals	\$ 432,953	\$ 478,559	\$ 455,039	\$ 517,926	\$ 528,996	\$ 514,609