

Tuesday, November 28, 2017  
5:00PM

City Hall, Council Chambers  
23 N 2<sup>nd</sup> Street

**AGENDA**

**COMMISSION  
MEMBERS**

BRUCE HETZEL  
CHAIRPERSON  
TERM EXP. 2020

SCOTT BORCHARDT  
TERM EXP. 2017

DALE ARTHUR  
TERM EXP. 2019

ALLEN LEITZ  
TERM EXP. 2018

BILL PAULSON  
TERM EXP. 2021

“WINTER,  
SPRING,  
SUMMER, FALL...  
TOMAHAWK  
HAS IT ALL”

- A. **CALL TO ORDER**
- B. **PUBLIC COMMENTS** (During this item on the agenda the Commission listens to oral comments from members of the public on non-agenda items. When speaking please state your name and limit your time to five minutes.)
- C. **MINUTES**
  - 1. October 24, 2017
- D. **CHECKS – 16721 – 16772** in the amount of \$140,254.27
- E. **FINANCIAL REPORT – November 20, 2017**
- F. **OTHER BUSINESS**
  - 1. Water Projects
    - i. Well House No 4 and No 5 Rehab
  - 2. Winter Water Fill Station
  - 3. 2018 Utility Budgets
- G. **DIRECTOR’S REPORT**
- H. **NEXT MEETING DATE(S) – December 26, 2017 - ? at 5:00PM**
- I. **ADJOURN**

Any additions to this agenda will be added to the original posted at City Hall. Any person who has a qualifying disability as defined by the American’s with Disabilities Act, that requires the meeting or materials at the meeting to be in an accessible location or format must contact the Clerk-Treasurer at City Hall, 453-4040, at least three days prior to the meeting so any necessary arrangements can be made to accommodate each request.

**PLEASE TURN CELL PHONES ON SILENT DURING MEETINGS**

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**MINUTES OF THE  
WATER AND SEWER UTILITY COMMISSION  
City of Tomahawk  
City Council Chambers  
October 24, 2017**

7 CALL TO HETZEL called the meeting of the Water and Sewer Utility Commission to order at  
8 ORDER 5:00PM.

9  
10 ROLL CALL Members present were Bruce Hetzel, Allen Leitz, Dale Arthur, Scott Borchardt, and Bill  
11 Paulson.

12  
13 Also present was Director of Public Works John Cole, Clerk/Treasurer Amanda L. Bartz  
14 and Head Water Operator Brandon Strelow.

15  
16 PUBLIC There were no public comments.  
17 COMMENTS

18  
19 MINUTES LEITZ MOVED to approve the September 26, 2017 and October 10, 2017 minutes and  
20 HETZEL seconded.

21  
22 BORCHARDT stated that at the October 10, 2017 meeting he had stated that there  
23 would be a cost savings in the capital projects because of the improvements to the  
24 buildings for the well house projects. Clerk BARTZ asked what text he to be inserted  
25 into the minutes and on what page and line number. BORCHARDT stated that he did  
26 not recall where in the meeting he had made the comment and withdrew his request.

27  
28 The VOTE was unanimous.

29  
30 CHECKS The Commission reviewed and discussed the checks as presented. BORCHARDT MOVED  
31 to approve checks 16675 – 16720 in the amount of \$124,770.33 and ARTHUR seconded.  
32 The VOTE was unanimous.

33  
34 FINANCIAL LEITZ MOVED to approve the financial report as presented, BORCHARDT seconded. The  
35 REPORT VOTE was unanimous.

36  
37 OTHER **1.) Water Projects**  
38 BUSINESS

39 **Well House No. 4 and No. 5 Rehab**

40 Mark Barden from Town & Country Engineering stated that with the addition of the  
41 emergency disinfection equipment and new well house, the Department of Natural  
42 Resources could not guarantee that there would be funding available for the additional  
43 cost in 2018. He stated if the construction of the project was delayed until 2019, the

1 additional disinfection system would add point to our project(s) that would, perhaps,  
2 qualify us for up to 55% in principal forgiveness. Barden explained that it could be a  
3 savings of \$475,000 to the Utility.  
4

5 BORCHARDT asked if the project could be delayed. COLE stated that because of some of  
6 the changes made when the lightning struck the pumps this fall, we are in a position to  
7 wait until 2019.  
8

9 LEITZ MOVED to postpone the well house upgrade projects to 2019 and PAULSON  
10 seconded.

11  
12 Barden stated that he would not anticipate any additional costs if the project was  
13 delayed to 2019.  
14

15 The VOTE was unanimous.  
16

17 **2.) Infiltration into Sanitary Sewers and Inflow into the Waste Water Treatment**  
18 **Facility**  
19

20 COLE stated there is nothing new report.  
21

22 **3.) An ordinance amending Chapter 98 Utilities, Article IV. Water**  
23

24 STRELOW stated that these changes would bring our ordinance up to date with current  
25 standards. The Commission discussed the cost for a permit to operate a well. Clerk  
26 BARTZ suggested the cost be equal to the current rate to hook into the water system.  
27

28 BORCHARDT MOVED to insert "equal to the hook up charge for the water system." in  
29 section 98-125 Well Operation Permit and PAULSON seconded. The VOTE was  
30 unanimous. The Commission discussed the process for existing wells.  
31

32 BORCHARDT MOVED to send the ordinance to the Common Council with the  
33 recommendation of adoption and PAULSON seconded. The VOTE was unanimous.  
34

35 **4.) 2018 Water Budget**  
36

37 Clerk BARTZ explained that she does not expect the Commission to pass the budget at  
38 this meeting. She stated that she wanted the Commission to review it and encouraged  
39 them to call or set up a meeting to discuss any questions they may have so that answers  
40 could be available for the meeting.  
41

42 DIRECTOR'S COLE stated that water main leaks by the Fire Barn (N Tomahawk Ave), Rice Avenue and  
43 REPORT Spirit Avenue had been repaired in 2017. He also reported that STRELOW had  
44 completed a cross-connection class.  
45

1 NEXT The Water and Sewer Utility Commission will meet on November 28, 2017 at 5:00PM at  
2 MEETING City Hall in the Council Chambers.

3

4 ADJOURN LEITZ MOVED to adjourn the meeting of the Water and Sewer Utility Commission and  
5 BORCHARDT seconded. The VOTE was unanimous. The meeting was adjourned at  
6 5:39PM.

7

8 Approved: Draft \_\_\_\_\_

\_\_\_\_\_  
Clerk/Treasurer, Amanda L. Bartz, CMC

9

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 10/21/2017 From Account:  
Thru: 11/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
16721	10/23/2017	AUCA CHICAGO MC LOCKBOX Outside Service	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE Uniforms	49.58
		1677724196	
		<b>Total</b>	<b>49.58</b>
16722	10/23/2017	BUMPER TO BUMPER TOMAHAWK Transportation	
610-00-57933-000-000		ADMIN & GEN - TRANSPORTATION Patriot blue	14.29
		640-152016	
		<b>Total</b>	<b>14.29</b>
16723	10/23/2017	CITY OF TOMAHAWK PETTY CASH Miscellaneous Expense	
610-00-57930-000-000		ADMIN & GEN--MISC EXPENSES Chamber Bucks for Assist in Lighting	25.00
		<b>Total</b>	<b>25.00</b>
16724	10/23/2017	CITY OF TOMAHAWK SOLID WASTE FUND Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND Refuse Collection	2,039.58
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND Refuse Collection	411.75
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND Refuse Collection	513.84
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND Refuse Collection	326.04
		<b>Total</b>	<b>3,291.21</b>
16725	10/23/2017	DIGGERS HOTLINE Outside Services	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE Tickets for 9/2017	91.54
		170 9 57101	
		<b>Total</b>	<b>91.54</b>
16726	10/23/2017	DSPS TRADES CREDENTIALING Credential Fee	
610-00-57930-000-000		ADMIN & GEN--MISC EXPENSES Credential Fee	195.00
		7630	

## 1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 10/21/2017 From Account:  
Thru: 11/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
			Total
			195.00
<hr/>			
16727	10/23/2017	GRAINGER	
Other Expenses			
610-00-57623-000-000		PUMP EXPENSE - OTHER EXPENSES	32.15
		Pipe Cement	9585322721
610-00-57623-000-000		PUMP EXPENSE - OTHER EXPENSES	195.48
		Union Ball Valve	9584433859
			Total
			227.63
<hr/>			
16728	10/23/2017	WISCONSIN STATE LAB OF HYGIENE	
Outside Service			
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	25.00
		Fluoride	519509
			Total
			25.00
<hr/>			
16729	10/24/2017	CITY OF TOMAHAWK SOLID WASTE FUND	
Refuse Collection			
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	31.50
		Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	28.03
		Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	59.85
		Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	31.50
		Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	27.75
		Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	31.45
		Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	31.50
		Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	777.87
		Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	1,236.99
		Refuse Collection	
			Total
			2,256.44
<hr/>			
16730	11/02/2017	UNITED STATES POSTAL SERVICE	
Billing, Collecting			

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 10/21/2017 From Account:  
Thru: 11/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
610-00-57903-000-000		CUST A/C - SUPPLIES, BILLING	113.81
		Wtr Billing	
620-00-59840-000-000		BILLING, COLLECTING & ACCTG	113.81
		Wwtr Billing	
<b>Total</b>			<b>227.62</b>

16731 11/10/2017 AMERICAN ASPHALT OF WISCONSIN  
Main Service

610-00-57652-000-000		TRANS & DIST - MAIN SERVICE	4,400.00
		Paving 5300039526	
<b>Total</b>			<b>4,400.00</b>

16732 11/10/2017 AMERICAN WELDING & GAS  
Other Operating Supplies

620-00-59827-000-000		OTHER OPERATING SUPPLIES	979.80
		Millermatic 5139265	
<b>Total</b>			<b>979.80</b>

16733 11/10/2017 AUCA CHICAGO MC LOCKBOX  
Other Operating Supplies

620-00-59827-000-000		OTHER OPERATING SUPPLIES	77.40
		Uniforms 10/19 1677725988	
620-00-59827-000-000		OTHER OPERATING SUPPLIES	68.03
		Uniforms 10/26 1677730482	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	57.17
		Uniforms 10/31 1677733177	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	70.50
		Uniforms 10/24 1677728675	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	81.24
		Uniforms 11/7 1677737655	
<b>Total</b>			<b>354.34</b>

16734 11/10/2017 CITY OF TOMAHAWK  
Due to General Fund

610-00-15010-000-000		DUE TO/FROM GENERAL FUND	6,377.81
		Wtr Payroll 10/27/2017	
620-00-15010-000-000		Due from/to General Fund	6,351.33
		Wwtr Payroll 10/27/2017	
610-00-15010-000-000		DUE TO/FROM GENERAL FUND	3,220.55
		Wtr Payroll 11/10/2017	

## 1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 10/21/2017 From Account:  
Thru: 11/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
620-00-15010-000-000		Due from/to General Fund	9,571.91
		Wwtr Payroll	
	11/10/2017		
Total			25,521.60

## 16735 11/10/2017 CITY OF TOMAHAWK

## Taxes Due City

610-00-57080-000-000		TAXES	11,353.51
		Taxes Due City	
	9/2017		
610-00-57080-000-000		TAXES	11,353.51
		Taxes Due City	
	10/2017		
610-00-57080-000-000		TAXES	11,353.51
		Taxes Due City	
	11/2017		
610-00-57902-000-000		CUST A/C - COLLECTION LABOR	2,077.82
		Wtr Admin Due City	
	9/2017		
610-00-57902-000-000		CUST A/C - COLLECTION LABOR	2,077.82
		Wtr Admin Due City	
	10/2017		
610-00-57902-000-000		CUST A/C - COLLECTION LABOR	2,077.82
		Wtr Admin Due City	
	11/2017		
620-00-59840-000-000		BILLING, COLLECTING & ACCTG	2,701.38
		Wwtr Admin Due City	
	9/2017		
620-00-59840-000-000		BILLING, COLLECTING & ACCTG	2,701.38
		Wwtr Admin Due City	
	10/2017		
620-00-59840-000-000		BILLING, COLLECTING & ACCTG	2,701.38
		Wwtr Admin Due City	
	11/2017		
Total			48,398.13

## 16736 11/10/2017 CITY OF TOMAHAWK SOLID WASTE FUND

## Refuse Collection

610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	533.59
		Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	27.75
		Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	112.60
		Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	28.60
		Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	27.75
		Refuse Collection	



## 1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 10/21/2017 From Account:  
Thru: 11/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND Refuse Collection	2,615.96
Total			3,346.25

16737 11/10/2017 EAGLE WASTE & RECYCLING INC.  
Miscellaneous General Expense

620-00-59856-000-000		MISC. GENERAL EXPENSE Trash Service	109.08
		274382	
Total			109.08

16738 11/10/2017 FERGUSON WATERWORKS #1476  
Supplies

610-00-57641-000-000		TRANS & DIST - SUPPLIES Adapter	287.80
		0226138	
Total			287.80

16739 11/10/2017 FRONTIER  
715-453-8601

610-00-57625-000-000		PUMP EXPENSE - MAINT OF PLANT 715-453-8601	65.10
		715-453-8601-083181-5	
620-00-59832-000-000		MAINT COLLECTION SYSTEM PUMP 262-001-8149	70.00
		262-001-8149-082896-5	
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES 262-002-4771	30.00
		262-002-4771-082781-5	
620-00-59851-000-000		OFFICE SUPPLIES & EXPENSES 715-453-3143	196.36
		715-453-3143-010165-5	
Total			361.46

16740 11/10/2017 MINNESOTA LIFE  
Employee Pensions & Benefits

610-00-57926-000-000		ADMIN & GEN - EMPLOYEE BENEFIT Dec Life Ins	3.50
		2832L	
620-00-59854-000-000		EMPLOYEE PENSIONS & BENEFITS Dec Life Ins	7.97
		2832L	
Total			11.47

16741 11/10/2017 MUNICIPAL WELL & PUMP  
Main of Water Source Plant

610-00-57605-000-000		MAIN OF WATER SOURCE PLANT Emergency Call/Lighting Strike	4,760.00
		13950	

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 10/21/2017 From Account:  
Thru: 11/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
<b>Total</b>			<b>4,760.00</b>

16742 11/10/2017 O.K. PRINTING  
Miscellaneous Expenses

610-00-57930-000-000	ADMIN & GEN--MISC EXPENSES		273.82
	Utility Bills & Envelopes	36578	
620-00-59851-000-000	OFFICE SUPPLIES & EXPENSES		273.82
	Utility Bills & Envelopes	36578	
<b>Total</b>			<b>547.64</b>

16743 11/10/2017 PAYMENT PROCESSING CENTER  
Glasses D Vande Weerd

620-00-59856-000-000	MISC. GENERAL EXPENSE		338.62
	Glasses D Vande Weerd	185999154-1577588	
620-00-59856-000-000	MISC. GENERAL EXPENSE		49.72
	Eyewear Frame - B Jelinek	154327242-1425106	
<b>Total</b>			<b>388.34</b>

16744 11/10/2017 SECURITY HEALTH PLAN  
Employee Benefit

610-00-57926-000-000	ADMIN & GEN - EMPLOYEE BENEFIT		6,010.47
	Dec Health Ins Prem	2092871	
620-00-59854-000-000	EMPLOYEE PENSIONS & BENEFITS		5,120.02
	Dec Health Ins Prem	2092871	
<b>Total</b>			<b>11,130.49</b>

16745 11/10/2017 SHELL  
Transportation

610-00-57933-000-000	ADMIN & GEN - TRANSPORTATION		217.08
	88.85g Unlead	65346090710	
610-00-57933-000-000	ADMIN & GEN - TRANSPORTATION		-2.66
	Discount - Wtr Dept	65346090710	
620-00-59828-000-000	OPERATION-TRANSPORTATION		86.27
	36.46g Unlead	65346090710	
620-00-59828-000-000	OPERATION-TRANSPORTATION		-1.09
	Discount - Wwtr	65346090710	
<b>Total</b>			<b>299.60</b>

16746 11/10/2017 STRELOW, BRANDON  
Miscellaneous Expenses

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 10/21/2017 From Account:  
Thru: 11/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
610-00-57930-000-000		ADMIN & GEN--MISC EXPENSES	100.00
		Safety Boots	
<b>Total</b>			<b>100.00</b>

16747 11/10/2017 THIEMER, RICHARD  
Miscellaneous Expenses

610-00-57930-000-000		ADMIN & GEN--MISC EXPENSES	20.07
		Reimburse for Meals	
<b>Total</b>			<b>20.07</b>

16748 11/10/2017 TOMAHAWK ACE HARDWARE  
Other Operating Supplies

620-00-59827-000-000		OTHER OPERATING SUPPLIES	5.38
		Bleach	345229
610-00-57641-000-000		TRANS & DIST - SUPPLIES	15.73
		Nipple, End Tee	346071
610-00-57641-000-000		TRANS & DIST - SUPPLIES	0.70
		Fasteners	345968
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	2.50
		Fuel Line Hose	345731
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	25.71
		Battery, Carb Cleaner, Sea Foam	345635
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	19.34
		Torch Trigger, Lighters	346536
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	37.99
		Angle Plug, Receptacle, Bags	346709
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	42.77
		Bearings, Adapter, Nozzle	346894
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	11.69
		Scroll Mouse	345797
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	2.39
		Battery	346903
610-00-57641-000-000		TRANS & DIST - SUPPLIES	8.99
		Hose Bibb	346432
<b>Total</b>			<b>173.19</b>

16749 11/10/2017 UNITED STATES POSTAL SERVICE  
Supplies/Billing

## 1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 10/21/2017 From Account:  
Thru: 11/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
610-00-57903-000-000		CUST A/C - SUPPLIES, BILLING First-Class Presort	75.00
620-00-59840-000-000		BILLING, COLLECTING & ACCTG First-Class Presort	75.00
<b>Total</b>			<b>150.00</b>

16750 11/10/2017 WISCONSIN PUBLIC SERVICE  
Utilities

620-00-59821-000-000		POWER & FUEL FOR PUMPING Lift Station E8 135-45	34.93
620-00-59821-000-000		POWER & FUEL FOR PUMPING Lift Station #2 135-47	536.61
620-00-59821-000-000		POWER & FUEL FOR PUMPING Lift Station #11 135-48	78.40
620-00-59821-000-000		POWER & FUEL FOR PUMPING Lift Station #1 135-50	464.98
620-00-59821-000-000		POWER & FUEL FOR PUMPING Lift Station #10 135-52	130.84
620-00-59821-000-000		POWER & FUEL FOR PUMPING Lift Station #7 135-55	105.74
620-00-59821-000-000		POWER & FUEL FOR PUMPING Lift Station #6 135-39	31.17
620-00-59821-000-000		POWER & FUEL FOR PUMPING Lift Station #13 135-41	133.84
610-00-57622-000-000		PUMP EXPENSE - FUEL/POWER Birchwood Av 135-33	85.57
620-00-59821-000-000		POWER & FUEL FOR PUMPING Lift Station #16 135-34	104.27
620-00-59821-000-000		POWER & FUEL FOR PUMPING Lift Station #15 135-28	48.74
620-00-59821-000-000		POWER & FUEL FOR PUMPING Lift Station #12 135-19	53.64
610-00-57622-000-000		PUMP EXPENSE - FUEL/POWER Waterworks Rd 135-21	1,365.39
620-00-59821-000-000		POWER & FUEL FOR PUMPING Lift Station #3 135-13	51.78
620-00-59821-000-000		POWER & FUEL FOR PUMPING Lift Station #5 135-14	98.73

## 1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 10/21/2017 From Account:  
Thru: 11/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
620-00-59821-000-000		POWER & FUEL FOR PUMPING	87.72
		Lift Station #4 135-07	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	30.08
		WWTP-Gen 135-76	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	28.07
		Lift Station #16 135-107	
<b>Total</b>			<b>3,470.50</b>
<hr/>			
16751	11/20/2017	AMERICAN ASPHALT OF WISCONSIN	
Main Service			
610-00-57652-000-000		TRANS & DIST - MAIN SERVICE	2,600.00
		Paving 53000039928	
<b>Total</b>			<b>2,600.00</b>
<hr/>			
16752	11/20/2017	AUCA CHICAGO MC LOCKBOX	
Other Operating Supplies			
620-00-59827-000-000		OTHER OPERATING SUPPLIES	72.90
		Uniforms 11/9 1677739464	
620-00-59827-000-000		OTHER OPERATING SUPPLIES	84.75
		Uniforms 11/2 1677734976	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	57.17
		Uniforms 11/14 1677742162	
<b>Total</b>			<b>214.82</b>
<hr/>			
16753	11/20/2017	BLAST ELECTRONICS	
Office Supplies/Expenses			
620-00-59827-000-000		OTHER OPERATING SUPPLIES	19.99
		Cell Phone Case 8598	
620-00-59851-000-000		OFFICE SUPPLIES & EXPENSES	49.99
		Anti Virus 8687	
<b>Total</b>			<b>69.98</b>
<hr/>			
16754	11/20/2017	BUMPER TO BUMPER TOMAHAWK	
Miscellaneous Expenses			
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	2.69
		Starting Fluid 640-152343	
620-00-59828-000-000		OPERATION-TRANSPORTATION	116.85
		Oil Filter, Oil 640-152510	
<b>Total</b>			<b>119.54</b>

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 10/21/2017 From Account:  
Thru: 11/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
16755	11/20/2017	CITY OF TOMAHAWK SOLID WASTE FUND Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND Refuse Collection	104.37
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND Refuse Collection	63.45
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND Refuse Collection	31.82
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND Refuse Collection	31.04
<b>Total</b>			<b>230.68</b>
16756	11/20/2017	CORE & MAIN LP Supplies	
610-00-57641-000-000		TRANS & DIST - SUPPLIES Cplg, Curb Ball	510.16
		1077373	
<b>Total</b>			<b>510.16</b>
16757	11/20/2017	DIGGERS HOTLINE Outside Service	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE Tickets for 10/2017	49.75
		171 0 57101	
<b>Total</b>			<b>49.75</b>
16758	11/20/2017	EXXON MOBIL Transportation	
620-00-59828-000-000		OPERATION-TRANSPORTATION 55.25g Unlead	127.76
		4711	
610-00-57933-000-000		ADMIN & GEN - TRANSPORTATION 21.70g Unlead	50.65
		4711	
<b>Total</b>			<b>178.41</b>
16759	11/20/2017	GRAINGER Other Operating Supplies	
620-00-59827-000-000		OTHER OPERATING SUPPLIES Interior Protectant	90.69
		9579511990	
620-00-59827-000-000		OTHER OPERATING SUPPLIES Emery Cloth, Solenois Valve	318.99
		9579136350	
620-00-59834-000-000		MAINT GENERAL PLANT STRUCTURE Wall Pack	220.96
		9604100959	

## 1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 10/21/2017 From Account:  
Thru: 11/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	29.32
		Gloves 9604100967	
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	17.44
		Marking Flag 9604100975	
<b>Total</b>			<b>677.40</b>

16760 11/20/2017 H & H SEPTIC SERVICE, LLC  
6.5 Hrs Big Wheels

620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	1,755.00
		6.5 Hrs Big Wheels 4674	
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	750.00
		5-5000 Gal/KG2 Field 4675	
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	900.00
		6-5000 Gal/KG2 Field 4676	
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	750.00
		5-5000 Gal/KG #2 4677	
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	750.00
		5-5000 Gal/KG #2 4678	
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	1,215.00
		4.5 Hrs Big Wheels/Sludge 4682	
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	2,700.00
		10 Hrs Big Wheels/Sludge 4679	
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	1,200.00
		8-5000 Gal/HW Field 4680	
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	1,200.00
		8-5000 Gal/HW Field 4681	
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	1,950.00
		13-5000 Gal/KG2 Field 4521	
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	2,430.00
		9 Hrs Big Wheels KG2 Field 4554	
<b>Total</b>			<b>15,600.00</b>

16761 11/20/2017 HAWKINS INC  
Hydrofluosilicic Acid

610-00-57631-000-000		WATER TREATMENT - CHEMICALS	3,690.93
		Hydrofluosilicic Acid 4170665	
<b>Total</b>			<b>3,690.93</b>

## 1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 10/21/2017 From Account:  
Thru: 11/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
16762	11/20/2017	JFTCO INC Outside Service	
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL Generator Repair 29767	565.43
<b>Total</b>			<b>565.43</b>
16763	11/20/2017	MMG EMPLOYER SOLUTIONS Outside Services Employed	
620-00-59852-000-000		OUTSIDE SERVICES EMPLOYED Drug Screen 130718	29.00
<b>Total</b>			<b>29.00</b>
16764	11/20/2017	NCL OF WISCONSIN INC Office Supplies & Expenses	
620-00-59851-000-000		OFFICE SUPPLIES & EXPENSES Alarm Thermometer 395823	175.68
<b>Total</b>			<b>175.68</b>
16765	11/20/2017	NORTHERN LAKE SERVICE INC Outside Service	
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL Phosphorus 323503	95.00
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL Phosphorus 324300	95.00
<b>Total</b>			<b>190.00</b>
16766	11/20/2017	TEAM LABORATORY CHEMICAL CORP. Sludge Conditioning Chemicals	
620-00-59825-000-000		SLUDGE CONDITIONING CHEMICALS Super Bugs Pails 8602	1,024.00
<b>Total</b>			<b>1,024.00</b>
16767	11/20/2017	TOWN & COUNTRY ENGINEERING, INC Outside Services	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE Final Well No. 4 & 5 Design 18158	180.00
<b>Total</b>			<b>180.00</b>
16768	11/20/2017	USA BLUE BOOK Maintenance Treatment/Disposal Plant	



1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 10/21/2017 From Account:  
Thru: 11/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	419.59
		Cassette Bag 385499	
<b>Total</b>			<b>419.59</b>

16769 11/20/2017 VERIZON WIRELESS  
Office Supplies & Expenses

610-00-57625-000-000		PUMP EXPENSE - MAINT OF PLANT	63.22
		715-966-0464 9793968475	
620-00-59851-000-000		OFFICE SUPPLIES & EXPENSES	61.41
		715-966-0471 9793968475	
610-00-57625-000-000		PUMP EXPENSE - MAINT OF PLANT	61.41
		715-966-0614 9793968475	
620-00-59851-000-000		OFFICE SUPPLIES & EXPENSES	71.60
		715-966-6816 9793968475	
<b>Total</b>			<b>257.64</b>

16770 11/20/2017 WISCONSIN DEPARTMENT OF NATURAL RESOURCES  
Miscellaneous General Expense

620-00-59856-000-000		MISC. GENERAL EXPENSE	25.00
		Basic Solids Separation - R Thiemer 10/20/2017	
620-00-59856-000-000		MISC. GENERAL EXPENSE	25.00
		Basic Biological Solids/Sludge - R Thiem 10/20/2017	
<b>Total</b>			<b>50.00</b>

16771 11/20/2017 WISCONSIN PUBLIC SERVICE  
Power & Fuel for Pumping

620-00-59821-000-000		POWER & FUEL FOR PUMPING	2,105.19
		Wwtr Plant 135-57	
<b>Total</b>			<b>2,105.19</b>

16772 11/20/2017 WISCONSIN STATE LAB OF HYGIENE  
Test/Sludge Haul

620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	103.00
		BOD/COD, Solids Env 521980	
<b>Total</b>			<b>103.00</b>

**Grand Total 140,254.27**

# City of Tomahawk

P.O. Box 469, Tomahawk, WI 54487  
(715) 453-4040 phone (715) 453-2717 fax  
www.cityoftomahawk.com

November 20, 2017

To: Members of the Tomahawk Water and Sewer Utility Commission  
From: Clerk-Treasurer Amanda L. Bartz, CMC, WCMC  
Subject: Non-Audited Financial Report

Total Treasurer's Cash Last Report October 21, 2017	\$	111,044.83
Credits- Cash Receipts/Transfers	\$	90,100.88
Debits - Checks	\$	(140,254.27)
<b>Total Treasurer's Cash November 20, 2017</b>	<b>\$</b>	<b>60,891.44</b>

State Local Government Investment Pool	\$	89,567.83
<b>Total Cash Available</b>	<b>\$</b>	<b>150,459.27</b>

## Fund Balances:

Equipment Replacement Fund	\$	338,040.85
Clean Water Debt Fund	\$	179,911.16

## Debts:

		<b>Balance</b>
Clean Water Fund - Matures 2035 - Interest 2.363%	\$	3,038,913.33
Next Payment   \$       173,323.77   Date   5/1/2018		
S. Tomahawk Ave. - Matures 2022 - Interest 2.250%	\$	123,120.00
Next Payment       \$22,161.60       Date   4/1/2018		
N. 4th St Utilities/River Crossing - Matures 2028 -1.250%	\$	3,645,000.00
Next Payment   \$       340,909.38   Date   4/1/2018		

<b>Total Debt</b>	<b>\$</b>	<b>6,807,033.33</b>
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Due to General Fund from Water	\$	(6,729.23)
Due to General Fund from Sewer	\$	10,708.16

We, the members of the Tomahawk Water and Sewer Utility Commission, have examined to the extent we feel necessary, and approve the above numbered checks with a value of :  
\$ 140,254.27

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## Fund: 610 - WATER FUND

Account Number		2017 November	2017 Actual 11/20/2017	2017 Budget	Budget Status	% of Budget
610-00-44180-000-000	NON OPERATING RENTAL	0.00	0.00	0.00	0.00	0.00
610-00-44190-000-000	INTEREST AND DIVIDEND INTEREST	0.00	837.83	500.00	337.83	167.57
610-00-44191-000-000	INTEREST SPECIAL ASSESSMENTS	0.00	0.00	274.77	-274.77	0.00
610-00-44192-000-000	CAPITAL CONTRIBUTIONS	0.00	0.00	0.00	0.00	0.00
610-00-44210-000-000	MISC. NON-OPERATING INCOME	0.00	8,555.00	0.00	8,555.00	0.00
610-00-44290-000-000	AMORTIZATION OF DEBT PREMIUM	0.00	0.00	0.00	0.00	0.00
610-00-44601-000-000	BULK WATER SALES	0.00	600.00	0.00	600.00	0.00
610-00-44611-000-000	RESIDENTIAL WATER	-67.52	135,175.60	200,000.00	-64,824.40	67.59
610-00-44612-000-000	MULTI FAMILY RESIDENTIAL WATER	0.00	3,877.80	7,000.00	-3,122.20	55.40
610-00-44613-000-000	COMMERCIAL WATER	-1,101.90	59,096.99	90,000.00	-30,903.01	65.66
610-00-44615-000-000	INDUSTRIAL WATER	0.00	52,076.75	75,000.00	-22,923.25	69.44
610-00-44617-000-000	PUBLIC AUTHORITY WATER	0.00	8,619.96	13,000.00	-4,380.04	66.31
610-00-44619-000-000	INTERDEPARTMENTAL WATER	0.00	0.00	0.00	0.00	0.00
610-00-44620-000-000	PRIVATE FIRE -WATER	108.00	9,048.00	12,000.00	-2,952.00	75.40
610-00-44630-000-000	PUBLIC FIRE PROTECTION	0.00	146,414.00	219,621.00	-73,207.00	66.67
610-00-44700-000-000	CUSTOMER FORFEITED PENALTIES	10,316.27	32,516.71	25,000.00	7,516.71	130.07
610-00-44710-000-000	MISC. SERVICE REVENUE	0.00	0.00	0.00	0.00	0.00
610-00-44720-000-000	WATER TOWER RENT	3,710.29	40,409.99	43,918.68	-3,508.69	92.01
610-00-44740-000-000	MISC. WATER REVENUE	0.00	240.00	500.00	-260.00	48.00
610-00-44741-000-000	RECONNECTS -MISC. SERVICE	40.00	1,280.00	1,000.00	280.00	128.00
<b>LICENSES AND PERMITS</b>		13,005.14	498,748.63	687,814.45	-189,065.82	72.51
610-10-49200-000-000	TRANSFER	0.00	0.00	0.00	0.00	0.00
<b>OTHER FUNDING SOURCES</b>		0.00	0.00	0.00	0.00	0.00
<b>Total Revenues</b>		13,005.14	498,748.63	687,814.45	-189,065.82	72.51

## Fund: 610 - WATER FUND

Account Number		2017		2017 Budget	Budget Status	% of Budget
		2017 November	Actual 11/20/2017			
610-00-57080-000-000	TAXES	34,060.53	122,927.56	136,242.10	13,314.54	90.23
610-00-57081-000-000	TAXES -FICA	200.59	7,142.56	8,710.84	1,568.28	82.00
610-00-57082-000-000	TAXES - ALL OTHER	0.00	0.00	0.00	0.00	0.00
610-00-57343-000-000	ASSET:DISTRIBUTION MAINS	0.00	0.00	0.00	0.00	0.00
610-00-57345-000-000	NEW SERVICES	0.00	0.00	0.00	0.00	0.00
610-00-57346-000-000	METERS	0.00	0.00	0.00	0.00	0.00
610-00-57390-000-000	ASSET:STRUCTURES & IMPROVEMENT	0.00	0.00	0.00	0.00	0.00
610-00-57392-000-000	ASSET: TRANSPORTATION EQUIPMNT	0.00	0.00	0.00	0.00	0.00
610-00-57394-000-000	TOOLS,SHOP & GARAGE EQUIP	0.00	891.00	2,000.00	1,109.00	44.55
610-00-57403-000-000	DEPRECIATION	18,053.49	66,196.13	0.00	-66,196.13	0.00
610-00-57404-000-000	CONTRIBUTED DEPREC (NON-OP)	7,703.25	28,245.25	0.00	-28,245.25	0.00
610-00-57427-000-000	PRINCIPAL ON DEBT	0.00	0.00	98,425.00	98,425.00	0.00
610-00-57428-000-000	AMORTIZATION OF DEBT DISCOUNT	0.00	0.00	0.00	0.00	0.00
610-00-57431-000-000	INTEREST ON DEBT	0.00	18,835.56	36,546.96	17,711.40	51.54
610-00-57600-000-000	OPERATING SUPERVISION	1,763.52	50,777.12	51,761.02	983.90	98.10
610-00-57602-000-000	SOS MISCELANEOUS SUPPLIES	110.05	5,863.36	6,000.00	136.64	97.72
610-00-57605-000-000	MAIN OF WATER SOURCE PLANT	4,760.00	4,905.99	500.00	-4,405.99	981.20
610-00-57620-000-000	PUMP EXPENSE - LABOR	100.64	3,967.32	3,343.90	-623.42	118.64
610-00-57622-000-000	PUMP EXPENSE - FUEL/POWER	1,450.96	17,420.25	23,000.00	5,579.75	75.74
610-00-57623-000-000	PUMP EXPENSE - OTHER EXPENSES	0.00	2,189.01	2,500.00	310.99	87.56
610-00-57625-000-000	PUMP EXPENSE - MAINT OF PLANT	189.73	2,031.22	3,150.00	1,118.78	64.48
610-00-57630-000-000	WATER TREATMENT - LABOR	100.64	3,177.45	3,343.90	166.45	95.02
610-00-57631-000-000	WATER TREATMENT - CHEMICALS	3,690.93	31,115.81	25,000.00	-6,115.81	124.46
610-00-57640-000-000	TRANS & DIST - LABOR	100.64	1,436.85	2,675.12	1,238.27	53.71
610-00-57641-000-000	TRANS & DIST - SUPPLIES	823.38	4,843.51	13,000.00	8,156.49	37.26
610-00-57650-000-000	TRANS & DIST - RES/STAND PIPE	150.96	6,938.56	15,000.00	8,061.44	46.26
610-00-57651-000-000	TRANS & DIST - MAINTENANCE	246.28	36,837.63	45,652.60	8,814.97	80.69
610-00-57652-000-000	TRANS & DIST - MAIN SERVICE	7,146.31	9,623.18	7,404.35	-2,218.83	129.97
610-00-57653-000-000	TRANS & DIST - MANIT OF METERS	94.44	30,128.02	7,165.50	-22,962.52	420.46
610-00-57654-000-000	TRANS & DIST - HYDRANT MAINT	0.00	7,726.06	6,353.41	-1,372.65	121.60
610-00-57655-000-000	TRANS & DIST - MAINT OTHER	0.00	0.00	0.00	0.00	0.00
610-00-57656-000-000	TRANS & DIST - POWER OP EQUIP	0.00	47,127.00	48,500.00	1,373.00	97.17
610-00-57676-000-000	MAINT OF METERS	0.00	0.00	0.00	0.00	0.00
610-00-57901-000-000	CUST A/C - METER READ LABOR	124.25	7,798.79	10,676.60	2,877.81	73.05
610-00-57902-000-000	CUST A/C - COLLECTION LABOR	6,233.46	22,856.02	24,933.84	2,077.82	91.67
610-00-57903-000-000	CUST A/C - SUPPLIES, BILLING	188.81	1,116.37	1,400.00	283.63	79.74
610-00-57904-000-000	CUST A/C - UNCOLLECTABLE ASSETS	0.00	0.00	0.00	0.00	0.00
610-00-57920-000-000	ADMIN & GEN - LABOR	0.00	972.00	1,080.00	108.00	90.00
610-00-57921-000-000	ADMIN & GEN - SUPPLIES & EXPEN	0.00	560.39	1,500.00	939.61	37.36
610-00-57923-000-000	ADMIN & GEN - OUTSIDE SERVICE	495.83	53,731.73	15,000.00	-38,731.73	358.21
610-00-57923-001-000	ADMIN & GEN--OUTSIDE SERV	0.00	0.00	0.00	0.00	0.00
610-00-57924-000-000	ADMIN & GEN - INSURANCE	0.00	6,720.49	5,000.00	-1,720.49	134.41
610-00-57926-000-000	ADMIN & GEN - EMPLOYEE BENEFIT	6,206.25	77,608.77	69,806.57	-7,802.20	111.18
610-00-57926-001-000	ADMIN & GEN - PENSION EXPENSE	0.00	0.00	0.00	0.00	0.00
610-00-57928-000-000	ADMIN & GEN - REGULATORY COMM	0.00	671.25	750.00	78.75	89.50
610-00-57930-000-000	ADMIN & GEN--MISC EXPENSES	393.89	4,183.58	6,000.00	1,816.42	69.73
610-00-57930-001-000	ADMIN & GEN - UNCLAIMED PROP	0.00	0.00	0.00	0.00	0.00
610-00-57933-000-000	ADMIN & GEN - TRANSPORTATION	265.07	4,068.34	5,000.00	931.66	81.37
<b>CAPITAL OUTLAY</b>		<b>94,653.90</b>	<b>690,634.13</b>	<b>687,421.71</b>	<b>-3,212.42</b>	<b>100.47</b>
610-00-59000-000-000	OTHER FINANCING USES	0.00	0.00	0.00	0.00	0.00
610-00-59200-000-000	INTERFUND TRANSFER	0.00	0.00	0.00	0.00	0.00

## Fund: 610 - WATER FUND

Account Number	2017 November	2017 Actual 11/20/2017	2017 Budget	Budget Status	% of Budget
<b>OTHER FINANCING USES</b>	0.00	0.00	0.00	0.00	0.00
<b>Total Expenses</b>	94,653.90	690,634.13	687,421.71	-3,212.42	100.47
<b>Net Totals</b>	-81,648.76	-191,885.50	392.74	192,278.24	-48858.15

## Fund: 620 - SEWER FUND

Account Number		2017 November	2017 Actual 11/20/2017	2017 Budget	Budget Status	% of Budget
620-00-44190-000-000	INTEREST AND DIVIDEND INTEREST	0.00	3,359.99	1,000.00	2,359.99	336.00
620-00-44191-000-000	INTEREST SPECIAL ASSESSMENTS	0.00	0.00	520.42	-520.42	0.00
620-00-44192-000-000	CAPITAL CONTRIBUTIONS	0.00	0.00	0.00	0.00	0.00
620-00-44210-000-000	MISC. NON-OPERATING INCOME	0.00	0.00	0.00	0.00	0.00
620-00-44210-001-000	MISC. NON-OPERATING INCOME	0.00	2,655.00	0.00	2,655.00	0.00
620-00-44290-000-000	AMORTIZATION OF DEBT PREMIUM	0.00	0.00	0.00	0.00	0.00
620-00-44320-000-000	INTEREST CHARGED TO CONST	0.00	0.00	0.00	0.00	0.00
<b>LICENSES AND PERMITS</b>		0.00	6,014.99	1,520.42	4,494.57	395.61
620-00-46211-000-000	FLAT RESIDENTIAL SEWER	0.00	1,036.98	1,100.00	-63.02	94.27
620-00-46221-000-000	METERED RESIDENTIAL SEWER	6.48	396,309.44	550,000.00	-153,690.56	72.06
620-00-46221-001-000	METERED MULTI FAM RES SEWER	0.00	14,819.03	25,000.00	-10,180.97	59.28
620-00-46222-000-000	METERED COMMERCIAL SEWER	-4,239.07	182,226.90	275,000.00	-92,773.10	66.26
620-00-46223-000-000	METERED INDUSTRIAL SEWER	0.00	144,613.20	140,000.00	4,613.20	103.30
620-00-46224-000-000	METERED PUBLIC AUTHORITY	0.00	27,116.50	40,000.00	-12,883.50	67.79
620-00-46226-000-000	Leachate Treatment	0.00	0.00	0.00	0.00	0.00
620-00-46230-000-000	BOD CHARGES - HARLEY DAVIDSON	0.00	0.00	0.00	0.00	0.00
620-00-46310-000-000	PENALTIES	0.00	0.00	0.00	0.00	0.00
620-00-46320-000-000	SERVICING CUSTOMER LATERALS	0.00	0.00	0.00	0.00	0.00
620-00-46350-000-000	MISC. OPERATING REVENUE	0.00	0.00	0.00	0.00	0.00
<b>PUBLIC CHARGES FOR SERVICES</b>		-4,232.59	766,122.05	1,031,100.00	-264,977.95	74.30
620-10-49200-000-000	TRANSFER	0.00	0.00	0.00	0.00	0.00
620-10-49200-001-000	TRANSFER TO OTHER FUNDS	0.00	0.00	0.00	0.00	0.00
<b>OTHER FUNDING SOURCES</b>		0.00	0.00	0.00	0.00	0.00
<b>Total Revenues</b>		-4,232.59	772,137.04	1,032,620.42	-260,483.38	74.77

## Fund: 620 - SEWER FUND

Account Number		2017		2017 Budget	Budget Status	% of Budget
		2017 November	Actual 11/20/2017			
620-00-59080-000-000	TAXES	0.00	0.00	0.00	0.00	0.00
620-00-59081-000-000	TAXES -FICA	610.42	10,948.58	14,962.35	4,013.77	73.17
620-00-59200-000-000	INTERFUND TRANSFER	0.00	0.00	0.00	0.00	0.00
620-00-59313-000-000	COLLECTING MAINS & ACCESSORIES	0.00	0.00	0.00	0.00	0.00
620-00-59379-000-000	ASSET: GEN EQUIP. LAB, COMMUNI	0.00	0.00	0.00	0.00	0.00
620-00-59403-000-000	DEPRECIATION	48,356.22	177,306.14	0.00	-177,306.14	0.00
620-00-59427-000-000	PRINCIPAL ON DEBT	0.00	0.00	336,341.76	336,341.76	0.00
620-00-59431-000-000	INTEREST ON DEBT	0.00	115,426.40	155,265.88	39,839.48	74.34
620-00-59432-000-000	AMORTIZATION OF DEBT DISCOUNT	0.00	0.00	0.00	0.00	0.00
620-00-59820-000-000	OPERATION SUPERVISION & LABOR	7,499.11	133,984.06	158,614.20	24,630.14	84.47
620-00-59821-000-000	POWER & FUEL FOR PUMPING	4,124.73	55,529.72	65,000.00	9,470.28	85.43
620-00-59825-000-000	SLUDGE CONDITIONING CHEMICALS	1,024.00	6,311.90	6,500.00	188.10	97.11
620-00-59826-000-000	OTHER CHEMICALS-SEWAGE	0.00	0.00	0.00	0.00	0.00
620-00-59827-000-000	OTHER OPERATING SUPPLIES	1,717.93	4,875.44	5,500.00	624.56	88.64
620-00-59828-000-000	OPERATION-TRANSPORTATION	329.79	9,465.87	12,500.00	3,034.13	75.73
620-00-59831-000-000	MAINT SEWAGE COLLECTIONS	0.00	1,052.78	5,000.00	3,947.22	21.06
620-00-59832-000-000	MAINT COLLECTION SYSTEM PUMP	70.00	36,952.01	20,000.00	-16,952.01	184.76
620-00-59833-000-000	MAINT TREATMENT/DISPOSAL PLANT	531.38	20,094.47	20,000.00	-94.47	100.47
620-00-59833-001-000	MAINT TREATMENT/DISPOSAL PLANT	0.00	0.00	0.00	0.00	0.00
620-00-59834-000-000	MAINT GENERAL PLANT STRUCTURE	220.96	5,980.46	9,000.00	3,019.54	66.45
620-00-59834-001-000	MAINT GENERAL PLANT STRUCTURE	0.00	0.00	0.00	0.00	0.00
620-00-59835-000-000	MAINT OF METERS	791.17	3,734.10	7,398.00	3,663.90	50.47
620-00-59840-000-000	BILLING, COLLECTING & ACCTG	8,292.95	30,831.54	34,000.00	3,168.46	90.68
620-00-59842-000-000	METER READING	100.64	6,665.69	10,727.10	4,061.41	62.14
620-00-59850-000-000	ADMIN & GENERAL SALARIES	0.00	972.00	13,915.00	12,943.00	6.99
620-00-59851-000-000	OFFICE SUPPLIES & EXPENSES	828.86	6,029.39	10,000.00	3,970.61	60.29
620-00-59852-000-000	OUTSIDE SERVICES EMPLOYED	29.00	9,045.87	5,000.00	-4,045.87	180.92
620-00-59852-001-000	OUTSD SERV.-TEST/SLUDGE HAUL	16,458.43	54,486.33	60,000.00	5,513.67	90.81
620-00-59852-002-000	OUTSD SERV.-PHOSPHOROUS	0.00	0.00	0.00	0.00	0.00
620-00-59853-000-000	INSURANCE EXPENSE	0.00	6,720.49	7,500.00	779.51	89.61
620-00-59854-000-000	EMPLOYEE PENSIONS & BENEFITS	5,698.59	70,523.08	66,726.06	-3,797.02	105.69
620-00-59855-000-000	REGULATORY COMMISSION	0.00	0.00	0.00	0.00	0.00
620-00-59856-000-000	MISC. GENERAL EXPENSE	547.42	3,260.31	5,000.00	1,739.69	65.21
<b>OTHER FINANCING USES</b>		<b>97,231.60</b>	<b>770,196.63</b>	<b>1,028,950.35</b>	<b>258,753.72</b>	<b>74.85</b>
<b>Total Expenses</b>		<b>97,231.60</b>	<b>770,196.63</b>	<b>1,028,950.35</b>	<b>258,753.72</b>	<b>74.85</b>
<b>Net Totals</b>		<b>-101,464.19</b>	<b>1,940.41</b>	<b>3,670.07</b>	<b>1,729.66</b>	<b>52.87</b>

**CITY OF  
TOMAHAWK  
UTILITY  
COMMISSION**

**2018 ANNUAL BUDGET**



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**Commission Members**

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Bruce Hetzel, Chairperson  
Scott Borchardt  
Allen Leitz  
Dale Arthur  
Bill Paulson

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**Administrative Services**

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Amanda L. Bartz, CMC, Clerk-Treasurer  
Loretta Wanta, Deputy Clerk-Treasurer  
Brenda Crass, Administrative Assistant

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**Public Works and Utility Services**

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John Cole, Director of Public Works

**Streets**

Nick Rosenmeier, Streets Leadsperson  
Jeff Strassman, Crewman III  
Jack Hepner, Crewman III  
Zach Sherman, Crewman III  
Derek Dotter, Crewman II

**Parks**

Steve Borem, Parks Leadsperson  
Jason Kraus, Crewman II

**Water**

Brandon Strelow, Head Water Operator  
Rich Theimer, Water Operator

**Waste Water**

Dave VanDeWeerd, Head Waste Water Operator  
Bill Jelinek, Waste Water Operator

# 2018 PROPOSED WATER DEPARTMENT BUDGET

## November 15, 2017 Draft

### Changes made since October 23, 2017 Draft:

	From	To
1. 610-00-57622-000-000 Pump Expense – Fuel/Power	\$23,000.00	\$22,000.00
2. 610-00-57625-000-000 Pump Expense – Main of Plant	17,169.35	6,926.16
3. 610-00-57631-000-000 Water Treatment – Chemicals	30,000.00	25,000.00
4. 610-00-57652-000-000 Trans & Dist. – Maint. of Services	16,058.05	34,438.05
5. 610-00-57926-000-000 Employee Benefits	75,249.27	73,221.71

**Proposed Budget Overview - Detail**  
**Fund: 610 - WATER FUND**

Account Number		2016 Actual Year-End	2017 Projected Year-End	2017 Budget	2018 Proposed Budget	% Change In Budget
610-00-44180-000-000	NON OPERATING RENTAL	0.00	0.00	0.00	0.00	0.00
610-00-44190-000-000	INTEREST AND DIVIDEND INTEREST	628.22	757.63	500.00	800.00	60.00
610-00-44191-000-000	INTEREST SPECIAL ASSESSMENTS	412.14	0.00	274.77	137.37	-50.01
610-00-44192-000-000	CAPITAL CONTRIBUTIONS	20,000.00	0.00	0.00	0.00	0.00
610-00-44210-000-000	MISC. NON-OPERATING INCOME	-50.00	10,693.75	0.00	0.00	0.00
610-00-44290-000-000	AMORTIZATION OF DEBT PREMIUM	650.00	0.00	0.00	0.00	0.00
610-00-44601-000-000	BULK WATER SALES	0.00	750.00	0.00	1,000.00	999.99
610-00-44611-000-000	RESIDENTIAL WATER	197,003.61	183,346.44	200,000.00	197,000.00	-1.50
610-00-44612-000-000	MULTI FAMILY RESIDENTIAL WATER	6,174.54	5,651.76	7,000.00	6,100.00	-12.86
610-00-44613-000-000	COMMERCIAL WATER	89,858.03	81,490.68	90,000.00	89,500.00	-0.56
610-00-44615-000-000	INDUSTRIAL WATER	81,227.69	77,890.08	75,000.00	81,000.00	8.00
610-00-44617-000-000	PUBLIC AUTHORITY WATER	12,619.64	10,646.52	13,000.00	12,600.00	-3.08
610-00-44619-000-000	INTERDEPARTMENTAL WATER	0.00	0.00	0.00	0.00	0.00
610-00-44620-000-000	PRIVATE FIRE -WATER	12,560.00	12,555.00	12,000.00	12,000.00	0.00
610-00-44630-000-000	PUBLIC FIRE PROTECTION	219,621.00	219,621.00	219,621.00	219,621.00	0.00
610-00-44700-000-000	CUSTOMER FORFEITED PENALTIES	32,869.29	23,983.05	25,000.00	25,000.00	0.00
610-00-44710-000-000	MISC. SERVICE REVENUE	0.00	0.00	0.00	0.00	0.00
610-00-44720-000-000	WATER TOWER RENT	41,896.28	43,918.68	43,918.68	44,523.48	1.38
610-00-44740-000-000	MISC. WATER REVENUE	5,426.00	300.00	500.00	500.00	0.00
610-00-44741-000-000	RECONNECTS -MISC. SERVICE	1,189.11	1,450.00	1,000.00	1,000.00	0.00
<b>LICENSES AND PERMITS</b>		722,085.55	673,054.59	687,814.45	690,781.85	0.43
610-10-49200-000-000	TRANSFER	0.00	0.00	0.00	0.00	0.00
<b>OTHER FUNDING SOURCES</b>		0.00	0.00	0.00	0.00	0.00
<b>Total Revenues</b>		722,085.55	673,054.59	687,814.45	690,781.85	0.43

**Proposed Budget Overview - Detail**  
**Fund: 610 - WATER FUND**

Account Number		2016 Actual Year-End	2017 Projected Year-End	2017 Budget	2018 Proposed Budget	% Change In Budget
610-00-57080-000-000	TAXES	132,880.31	114,638.47	136,242.10	140,000.00	2.76
610-00-57081-000-000	TAXES -FICA	5,663.73	8,036.06	8,710.84	8,834.58	1.42
610-00-57082-000-000	TAXES - ALL OTHER	705.78	0.00	0.00	0.00	0.00
610-00-57343-000-000	ASSET:DISTRIBUTION MAINS	0.00	0.00	0.00	0.00	0.00
610-00-57345-000-000	NEW SERVICES	0.00	0.00	0.00	0.00	0.00
610-00-57346-000-000	METERS	0.00	0.00	0.00	0.00	0.00
610-00-57390-000-000	ASSET:STRUCTURES & IMPROVEMENT	0.00	0.00	0.00	0.00	0.00
610-00-57392-000-000	ASSET: TRANSPORTATION EQUIPMNT	0.00	0.00	0.00	0.00	0.00
610-00-57394-000-000	TOOLS,SHOP & GARAGE EQUIP	0.00	1,149.39	2,000.00	4,000.00	100.00
610-00-57403-000-000	DEPRECIATION	99,822.00	62,104.01	0.00	0.00	0.00
610-00-57404-000-000	CONTRIBUTED DEPREC (NON-OP)	33,428.00	26,499.18	0.00	0.00	0.00
610-00-57427-000-000	PRINCIPAL ON DEBT	0.00	0.00	98,425.00	98,425.00	0.00
610-00-57428-000-000	AMORTIZATION OF DEBT DISCOUNT	0.00	0.00	0.00	0.00	0.00
610-00-57431-000-000	INTEREST ON DEBT	38,097.41	24,297.87	36,546.96	34,175.91	-6.49
610-00-57600-000-000	OPERATING SUPERVISION	30,403.97	55,784.79	51,761.02	46,343.44	-10.47
610-00-57602-000-000	SOS MISCELANEOUS SUPPLIES	8,475.13	7,117.42	6,000.00	7,000.00	16.67
610-00-57605-000-000	MAIN OF WATER SOURCE PLANT	115.31	188.33	500.00	500.00	0.00
610-00-57620-000-000	PUMP EXPENSE - LABOR	2,832.70	4,805.28	3,343.90	3,019.35	-9.71
610-00-57622-000-000	PUMP EXPENSE - FUEL/POWER	20,229.75	20,600.38	23,000.00	22,000.00	-4.35
610-00-57623-000-000	PUMP EXPENSE - OTHER EXPENSES	5,274.75	2,530.18	2,500.00	2,500.00	0.00
610-00-57625-000-000	PUMP EXPENSE - MAINT OF PLANT	3,145.64	2,214.75	3,150.00	6,926.16	119.88
610-00-57630-000-000	WATER TREATMENT - LABOR	3,477.51	3,771.11	3,343.90	3,019.35	-9.71
610-00-57631-000-000	WATER TREATMENT - CHEMICALS	13,957.32	31,029.92	25,000.00	25,000.00	0.00
610-00-57640-000-000	TRANS & DIST - LABOR	1,706.58	1,480.06	2,675.12	3,321.29	24.15
610-00-57641-000-000	TRANS & DIST - SUPPLIES	13,938.61	4,375.43	13,000.00	5,000.00	-61.54
610-00-57650-000-000	TRANS & DIST - RES/STAND PIPE	2,350.48	8,756.00	15,000.00	5,012.90	-66.58
610-00-57651-000-000	TRANS & DIST - MAINTENANCE	8,904.79	43,801.59	45,652.60	54,122.56	18.55
610-00-57652-000-000	TRANS & DIST - MAIN SERVICE	4,106.82	3,134.25	7,404.35	34,438.05	365.11
610-00-57653-000-000	TRANS & DIST - MANIT OF METERS	11,825.57	36,001.97	7,165.50	37,170.96	418.75
610-00-57654-000-000	TRANS & DIST - HYDRANT MAINT	11,386.17	9,836.79	6,353.41	11,196.12	76.22
610-00-57655-000-000	TRANS & DIST - MAINT OTHER	0.00	0.00	0.00	0.00	0.00
610-00-57656-000-000	TRANS & DIST - POWER OP EQUIP	0.00	60,793.83	48,500.00	0.00	-100.00
610-00-57676-000-000	MAINT OF METERS	8,563.82	0.00	0.00	0.00	0.00
610-00-57901-000-000	CUST A/C - METER READ LABOR	12,465.73	8,818.93	10,676.60	14,140.63	32.45
610-00-57902-000-000	CUST A/C - COLLECTION LABOR	24,933.84	21,443.10	24,933.84	24,933.84	0.00
610-00-57903-000-000	CUST A/C - SUPPLIES, BILLING	1,250.80	1,196.55	1,400.00	1,400.00	0.00
610-00-57904-000-000	CUST A/C - UNCOLLECTABLE ASSETS	0.00	0.00	0.00	0.00	0.00
610-00-57920-000-000	ADMIN & GEN - LABOR	109.25	1,253.88	1,080.00	1,080.00	0.00
610-00-57921-000-000	ADMIN & GEN - SUPPLIES & EXPEN	780.59	722.90	1,500.00	1,500.00	0.00
610-00-57923-000-000	ADMIN & GEN - OUTSIDE SERVICE	10,091.33	64,162.88	15,000.00	10,250.00	-31.67
610-00-57923-001-000	ADMIN & GEN--OUTSIDE SERV	0.00	0.00	0.00	0.00	0.00
610-00-57924-000-000	ADMIN & GEN - INSURANCE	4,902.35	8,669.43	5,000.00	5,500.00	10.00
610-00-57926-000-000	ADMIN & GEN - EMPLOYEE BENEFIT	55,779.43	83,484.88	69,806.57	73,221.71	4.89
610-00-57926-001-000	ADMIN & GEN - PENSION EXPENSE	5,797.00	0.00	0.00	0.00	0.00
610-00-57928-000-000	ADMIN & GEN - REGULATORY COMM	0.00	0.00	750.00	750.00	0.00
610-00-57930-000-000	ADMIN & GEN--MISC EXPENSES	7,295.48	4,382.18	6,000.00	6,000.00	0.00
610-00-57930-001-000	ADMIN & GEN - UNCLAIMED PROP	-140.00	0.00	0.00	0.00	0.00
610-00-57933-000-000	ADMIN & GEN - TRANSPORTATION	6,065.89	4,773.86	5,000.00	0.00	-100.00
<b>CAPITAL OUTLAY</b>		<b>590,623.84</b>	<b>731,855.65</b>	<b>687,421.71</b>	<b>690,781.85</b>	<b>0.49</b>
610-00-59000-000-000	OTHER FINANCING USES	0.00	0.00	0.00	0.00	0.00
610-00-59200-000-000	INTERFUND TRANSFER	0.00	0.00	0.00	0.00	0.00

**Proposed Budget Overview - Detail**  
**Fund: 610 - WATER FUND**

Account Number	2016 Actual Year-End	2017 Projected Year-End	2017 Budget	2018 Proposed Budget	% Change In Budget
<b>OTHER FINANCING USES</b>	0.00	0.00	0.00	0.00	0.00
<b>Total Expenses</b>	590,623.84	731,855.65	687,421.71	690,781.85	0.49
<b>Net Totals</b>	131,461.71	-58,801.06	392.74	0.00	-100.00

## FUND 610 – WATER

### REVENUE

Account Number	Short Description	Explanation
610-00-44190-000-000	Interest and Dividend Income	Interest made on the accounts held at various financial institutions.
610-00-49191-000-000	Interest on Special Assessments	Interest on the special assessments for Vena Avenue utility expansion.
610-00-44210-000-000	Misc. Non-Operating Income	This account shall include all revenue items not provided for elsewhere.
610-00-44601-000-000	Bulk Water Sales	Sale to customers that occurs through the fill station located at the City Garage by a tanker truck.
610-00-44611-000-000	Residential Water	Customers that have water service provided for residential or domestic purposes. Sale to multiple-dwelling buildings through a single meter serving three or more family units is classified as commercial.
610-00-44612-000-000	Multi-Family Residential Water	Customers that have service for a building that is intended primarily for residential or domestic purposes, has three or more dwelling units, and is serviced by a single meter. This classification also includes mobile home parks that are master metered. Mixed-use commercial properties, such as apartments mixed with retail, are classified as commercial.
610-00-44613-000-000	Commercial Water	Business entities and institutions (except governmental) that provide goods and services. Also, buildings comprised of multiple dwellings with three or more units served through a single water meter. Churches and parochial school are not governmental and are classified as commercial.
610-00-44615-000-000	Industrial Water	Those customers engaged in the manufacture or production of goods.
610-00-44617-000-000	Public Authority Water	An agency of the local, state or federal government, or a local, state, or federal entity. Since public schools are governmental, they are classified as public authority.
610-00-44620-000-000	Private Fire – Water	This service shall consist of permanent or continuous unmetered connections to the main for the purpose of supplying water to private fire protection systems such as automatic sprinkler systems, standpipes, and private hydrants. This service shall also include reasonable quantities of water used for testing check valves and other backflow prevention devices.
610-00-44630-000-000	Public Fire Protection	Public fire protection recovers the cost of water for fighting fires and the extra capacity built into the system necessary to rapidly deliver a large volume of water to a fire anywhere within the municipality's water service area. These costs include a portion of the wells, pumps, storage facilities, water mains, hydrants and an estimated quantity of water used for this purpose. This is a monthly fee paid by the City of Tomahawk to the Water Utility.
610-00-44700-000-000	Customer Forfeited Penalties	Penalties for delinquent accounts.

<b>Account Number</b>	<b>Short Description</b>	<b>Explanation</b>
610-00-44710-000-000	Miscellaneous Service Revenue	Fees collected for hook up to the utility system and other revenue related to the services provided.
610-00-44720-000-000	Water Tower Rent	Rents received for the use of land, buildings, or other property owned by the utility. Verizon Wireless: \$1,980.00/Month Nsighttel: \$1,730.29/Month
610-00-44740-000-000	Miscellaneous Water Revenue	Return on meters allocated to the sewer department is the most common revenue in this account.
610-00-44741-000-000	Reconnect Service	Services for reconnecting and reinstalling meters.

## EXPENSES

Account Number	Short Description	Explanation
610-00-57080-000-000	Taxes	Payment in Lieu of Taxes (PILOT) due to the City.  Utility Plant, Materials & Supply Valuation <span style="float: right;">7,720,251</span> <i>From the PSC Report</i> Assessment Ratio <span style="float: right;">1.0309007</span> <i>From Department of Revenue</i> <hr/> Calculated Assessed Value <span style="float: right;">7,985,506</span> Net Local and School Mill Rate <span style="float: right;">16.63265</span> <hr/> <b>2018 PILOT Payment <span style="float: right;">132,820.13</span></b>
610-00-57081-000-000	Taxes – FICA	The Social Security rate for 2018 is 7.65%
610-00-57427-000-000	Principal on Debt	Principal payments for: S. Tomahawk Reconstruct <span style="float: right;">13,425.00</span> <u>River Crossing/N 4<sup>th</sup> St (North of Bridge)</u> <span style="float: right;">85,000.00</span> Total <span style="float: right;">\$98,425.00</span>
610-00-57431-000-000	Interest on Debt	Interest payments for: S. Tomahawk Reconstruct <span style="float: right;">1,963.41</span> <u>River Crossing/N 4<sup>th</sup> St (North of Bridge)</u> <span style="float: right;">32,212.50</span> Total <span style="float: right;">\$34,175.91</span>
610-00-57394-000-000	Tools, Shop & Garage	For the purchase of tools, shop and garage equipment. Included in 2018: portable generator.
610-00-57600-000-000	Operating Labor	1460 hours at the current pay rate set by the Common Council and a quarter of the wages for the Director of Public Works. This includes 8 hours of overtime pay and 360 hours for an LTE. (\$46,343.44)
610-00-57602-000-000	Miscellaneous Supplies	Office supplies, tools, certifications, testing, etc.
610-00-57605-000-000	Maintenance of Source Plant	Expenses relating the well(s).
610-00-57622-000-000	Pump Expenses – Fuel/Power	Utility bills from Wisconsin Public Service.
610-00-57623-000-000	Pump Expense – Other Expenses	Oil, seals, etc.
610-00-57625-000-000	Pump Expense – Maintenance of Plant	Phone line - \$650, cell phones (2) - \$1000, other expenses - \$2,500. This also includes 120 regular man hours.
610-00-57630-000-000	Operation Water Treatment – Labor	120 hours at the current pay rate set by the Common Council. (\$3019.35)
610-00-57631-000-000	Operation Water Treatment - Chemicals	Purchase chemicals for water treatment.
610-00-57640-000-000	Trans & Distribution – Operating Labor	120 regular hours and 8 overtime hours at the current pay rate set by the Council. (\$3,321.29)
610-00-57641-000-000	Trans & Distribution – Supplies	Pipe valves etc.
610-00-57650-000-000	Trans & Distribution – Reservoir/Standpipe	Tower maintenance \$3,000 (cathodic protection, misc.) 80 hours at the current rate set by the Council (\$2,012.90).



<b>Account Number</b>	<b>Short Description</b>	<b>Explanation</b>
610-00-57651-000-000	Trans & Distribution – Maintenance	Maintenance and replacement of mains (\$5,000). Includes 700 hours of man power and 40 overtime hours (\$19,122.56). This includes \$5,000 for leak detection and \$25,000 for main repairs (WD-18-004).
610-00-57652-000-000	Trans & Distribution – Main Service	Service to mains. Includes 300 hours of man power and 40 overtime hours. This includes a cross connection program (\$25,380)
610-00-57653-000-000	Trans & Distribution – Maintenance of Meters	Cost of labor employed, materials used, and expenses incurred in repairing and maintaining the meters. New meters (WD-18-003) - \$40,000, \$7,170.96, 360 hours at the current pay rate set by the Common Council.
610-00-57654-000-000	Trans & Distribution – Maintenance of Hydrants	280 regular hours and 4 overtime hours at the current pay rate set by the Common Council (\$7,196.12), maintenance of hydrants and the purchase of two new hydrants (\$4,000).
610-00-57656-000-000	Trans & Distribution – Power Operating Equipment	No expenses from this account for 2018.
610-00-57901-000-000	Customer Accounts – Meter Reading Labor	550 regular hours and 8 overtime hours at the current pay rate set by the Common Council.
610-00-57902-000-000	Customer Accounts – Collection Labor	Monthly fee of \$2,077.82 paid to the City of Tomahawk for reimbursement for staff hours spent on the Utility billing and collection.
610-00-57903-000-000	Customer Accounts – Supplies and Billing	Supplies and postage for billing etc.
610-00-57920-000-000	Admin & General – Labor	Half of the salaries of the Utility Commission. (\$36.00/meeting X 5 Commissioners= \$180.00, \$180 X 12 = \$2160, \$2160/2= \$1080)
610-00-57921-000-000	Admin & General – Office Supplies/Expenses	Computer (\$1,000) and other office supplies and expenses.
610-00-57923-000-000	Admin & General – Outside Services	Uniforms - \$1,000, GIS Hosting - \$1,250, General Engineering - \$5,000, Water Testing - \$1,000, Mapping Data Entry - \$2,000
610-00-57924-000-000	Admin & General – Insurance	Property and Worker's Compensation insurance.
610-00-57926-000-000	Admin & General – Pensions and Benefits	Employee benefits.
610-00-57928-000-000	Admin & General – Regulatory Commission	Expenses associated with the Public Service Commission.
610-00-57930-000-000	Admin & General – Misc. Expenses	Safety training - \$1,000, other expenses - \$5,000
610-00-57930-001-000	Admin & General – Unclaimed Property	
610-00-57933-000-000	Admin & General – Transportation	Fuel and repairs.

City of Tomahawk, Wisconsin  
*5 Year Capital Improvement Plan*  
 2018 thru 2022

**PROJECTS BY FUNDING SOURCE**

Source	Project #	Priority	2018	2019	2020	2021	2022	Total
<b>Safe Drinking Fund Loan</b>								
Well House #4 and #5 Rehab	WD-17-001	1		889,743				889,743
New Well Development	WD-22-001	1					1,000,000	1,000,000
<b>Safe Drinking Fund Loan Total</b>				889,743			1,000,000	1,889,743
<b>Water Fund</b>								
Water Tower - Inspection & Repairs	WD-17-002	1					10,000	10,000
Valve Turner/Exerciser	WD-18-001	1		15,000				15,000
Electrical Supply to Shed	WD-18-002	2		10,000				10,000
Water Meter Replacement Program	WD-18-003	1	30,000	30,000	20,000	20,000	20,000	120,000
Leak Detection & Main Repairs	WD-18-004	1	30,000			30,000		60,000
Vac Trailer	WD-19-001	2		40,000				40,000
Nelson Lane Water Main	WD-19-002	3		75,000				75,000
Pick-Up Truck	WD-20-001	2			30,000			30,000
Hydrant Replacement	WD-20-002	2			50,000			50,000
Water Tower Painting	WD-21-001	1		5,000				5,000
<b>Water Fund Total</b>			60,000	175,000	100,000	50,000	30,000	415,000
<b>GRAND TOTAL</b>			60,000	1,064,743	100,000	50,000	1,030,000	2,304,743

**Project #** WD-17-001  
**Project Name** Well House #4 and #5 Rehab

**Department** Water Department  
**Contact** Public Works Director  
**Type** Improvement  
**Useful Life**  
**Category** Water  
**Priority** 1 Critical  
**Status** Active

**Description** **Total Project Cost:** \$889,743  
 The City of Tomahawk is looking to rehabilitate the well house facilities at Weel #4 and Well #5 to bring them up to date.

**Justification**  
 Both well houses need improvements to bring them up to current standards.  
 The well pump at Well No.4 was last rebuilt in 1993 while the pump at Well No. 5 was rebuilt in 1996.

<b>Expenditures</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
Planning/Design		58,900				58,900
Construction/Maintenance		756,843				756,843
Bonding Costs		24,000				24,000
Construction Management		50,000				50,000
<b>Total</b>		<b>889,743</b>				<b>889,743</b>

  

<b>Funding Sources</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
Safe Drinking Fund Loan		889,743				889,743
<b>Total</b>		<b>889,743</b>				<b>889,743</b>

**Budget Impact/Other**

**Project #** WD-17-002  
**Project Name** Water Tower - Inspection & Repairs

**Department** Water Department  
**Contact** Water Leadsperson  
**Type** Maintenance  
**Useful Life** 5 years  
**Category** Water  
**Priority** 1 Critical  
**Status** Active

**Description** **Total Project Cost:** \$25,000  
 Inspection and cathodic protection of water tower. The water tower will need to be drained for the inspection.  
 During the inspection an estimate of when the water tower will need to be repainted will be determined.

**Justification**  
 This is required by the DNR every 5 years.

<b>Expenditures</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
Construction/Maintenance					10,000	10,000
<b>Total</b>					<b>10,000</b>	<b>10,000</b>

  

<b>Funding Sources</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
Water Fund					10,000	10,000
<b>Total</b>					<b>10,000</b>	<b>10,000</b>

**Budget Impact/Other**  
 610-00-57650-000-000 Resev/Stand Pipe one time increase.

**Project #** WD-18-001  
**Project Name** Valve Turner/Exerciser

**Department** Water Department  
**Contact** Water Leadsperson  
**Type** Equipment  
**Useful Life** 20 years  
**Category** Water  
**Priority** 1 Critical  
**Status** Active

**Description** **Total Project Cost:** \$15,000  
 A truck mounted mechanical vavue exerciser.

**Justification**  
 This tool is need to help with the implementation of the valve exercising program.  
 The Utility is required to preform the is task annually and reported to the Public Service commission. This tool will allow for one employee to preform the task instead of the two it takes to currently perform the task.

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings		15,000				15,000
<b>Total</b>		15,000				15,000

Funding Sources	2018	2019	2020	2021	2022	Total
Water Fund		15,000				15,000
<b>Total</b>		15,000				15,000

**Budget Impact/Other**  
 610-00-57394-000-000 Tools, Shop & Garage Equipment

**Project #** WD-18-002  
**Project Name** Electrical Supply to Shed

**Department** Water Department  
**Contact** Water Leadsperson  
**Type** Improvement  
**Useful Life** 50 years  
**Category** Water  
**Priority** 2 Very Important  
**Status** Active

**Description** **Total Project Cost:** \$10,000  
 Run electrical service to the shed located at the water department.

**Justification**  
 Needed lights and outlets in the shed.

Expenditures	2018	2019	2020	2021	2022	Total
Construction/Maintenance		10,000				10,000
<b>Total</b>		10,000				10,000

Funding Sources	2018	2019	2020	2021	2022	Total
Water Fund		10,000				10,000
<b>Total</b>		10,000				10,000

**Budget Impact/Other**  
 610-00-57625-000-00 Pump Expense - Maintenance of Plant

**Project #** WD-18-003  
**Project Name** Water Meter Replacement Program

**Department** Water Department  
**Contact** Water Leadsperson  
**Type** Equipment  
**Useful Life** 20 years  
**Category** Water  
**Priority** 1 Critical  
**Status** Active

**Description** **Total Project Cost:** \$120,000  
 200 New Neptune 3/4" Water Meters.  
 100 3/4" Water meters would be purchased to start. The Department would reevaluate the need for more 3/4" meters or if larger 1" to 6" meters (industrial use) would be a priority.

**Justification**  
 The new meters reduces the labor cost of reading and maintaing the meters and are more accurate in reading water usage.

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings	30,000	30,000	20,000	20,000	20,000	120,000
<b>Total</b>	<b>30,000</b>	<b>30,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>120,000</b>

Funding Sources	2018	2019	2020	2021	2022	Total
Water Fund	30,000	30,000	20,000	20,000	20,000	120,000
<b>Total</b>	<b>30,000</b>	<b>30,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>120,000</b>

**Budget Impact/Other**  
 610-00-57653-000-000 Maintenance of Meters

**Project #** WD-18-004  
**Project Name** Leak Detection & Main Repairs

**Department** Water Department  
**Contact** Water Leadsperson  
**Type** Maintenance  
**Useful Life** 5 years  
**Category** Water  
**Priority** 1 Critical  
**Status** Active

**Description** **Total Project Cost:** \$60,000  
 City wide leak detection services for water mains and repairs to the mains.

**Justification**  
 A City wide leak detection has not been completed since 2012. A study needs to be done so water leaks can be repaired.

Expenditures	2018	2019	2020	2021	2022	Total
Planning/Design	5,000			5,000		10,000
Construction/Maintenance	25,000			25,000		50,000
<b>Total</b>	<b>30,000</b>			<b>30,000</b>		<b>60,000</b>

Funding Sources	2018	2019	2020	2021	2022	Total
Water Fund	30,000			30,000		60,000
<b>Total</b>	<b>30,000</b>			<b>30,000</b>		<b>60,000</b>

**Budget Impact/Other**  
 610-00-57651-000-000 Trans & Dist - Maintenance

**Project #** WD-19-001  
**Project Name** Vac Trailer

**Department** Water Department  
**Contact** Water Leadsperson  
**Type** Equipment  
**Useful Life** 30 years  
**Category** Water  
**Priority** 2 Very Important  
**Status** Active

**Description** **Total Project Cost:** \$40,000  
 Mini trailer that we can mount valve turner on.

**Justification**  
 Need to get small unit for Water Department for sucking out curb stops & repairs. Trailer can also have valve turner on it.

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings		40,000				40,000
<b>Total</b>		40,000				40,000

Funding Sources	2018	2019	2020	2021	2022	Total
Water Fund		40,000				40,000
<b>Total</b>		40,000				40,000

**Budget Impact/Other**

**Project #** WD-19-002  
**Project Name** Nelson Lane Water Main

**Department** Water Department  
**Contact** Public Works Director  
**Type** Improvement  
**Useful Life** 50 years  
**Category** Water  
**Priority** 3 Important  
**Status** Active

**Description** **Total Project Cost:** \$75,000  
 Full Reconstruction of Nelson Lane  
 Replacement of watermain and repave. (1,200')

**Justification**

Expenditures	2018	2019	2020	2021	2022	Total
Construction/Maintenance		75,000				75,000
<b>Total</b>		75,000				75,000

Funding Sources	2018	2019	2020	2021	2022	Total
Water Fund		75,000				75,000
<b>Total</b>		75,000				75,000

**Budget Impact/Other**  
 610-00-57651-000-000 Trans & Distribution Mains - Maintenance

**Project #** WD-20-001  
**Project Name** Pick-Up Truck

**Department** Water Department  
**Contact** Water Leadsperson  
**Type** Equipment  
**Useful Life** 15 years  
**Category** Water  
**Priority** 2 Very Important  
**Status** Active

**Description** **Total Project Cost:** \$30,000  
 Pick-up truck replacement.

**Justification**  
 Replace water department truck with new truck. This would be a basic crew truck.

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings			30,000			30,000
<b>Total</b>			30,000			30,000

Funding Sources	2018	2019	2020	2021	2022	Total
Water Fund			30,000			30,000
<b>Total</b>			30,000			30,000

**Budget Impact/Other**

**Project #** WD-20-002  
**Project Name** Hydrant Replacement

**Department** Water Department  
**Contact** Water Leadsperson  
**Type** Improvement  
**Useful Life** 50 years  
**Category** Water  
**Priority** 2 Very Important  
**Status** Active

**Description** **Total Project Cost:** \$50,000  
 Replacement of 15 of the old hydrants.

**Justification**  
 We can no longer get parts for the old hydrants.

Expenditures	2018	2019	2020	2021	2022	Total
Construction/Maintenance			50,000			50,000
<b>Total</b>			50,000			50,000

Funding Sources	2018	2019	2020	2021	2022	Total
Water Fund			50,000			50,000
<b>Total</b>			50,000			50,000

**Budget Impact/Other**

**Project #** WD-21-001  
**Project Name** Water Tower Painting

**Department** Water Department  
**Contact** Water Leadsperson  
**Type** Maintenance  
**Useful Life** 25 Years  
**Category** Water  
**Priority** 1 Critical  
**Status** Active

**Description** Total Project Cost: \$105,000  
 Painting of the water tower.

**Justification**

Expenditures	2018	2019	2020	2021	2022	Total	Future
Other		5,000				5,000	100,000
<b>Total</b>		<b>5,000</b>				<b>5,000</b>	<b>Total</b>

Funding Sources	2018	2019	2020	2021	2022	Total	Future
Water Fund		5,000				5,000	100,000
<b>Total</b>		<b>5,000</b>				<b>5,000</b>	<b>Total</b>

**Budget Impact/Other**

**Project #** WD-22-001  
**Project Name** New Well Development

**Department** Water Department  
**Contact** Public Works Director  
**Type** Improvement  
**Useful Life** 50 years  
**Category** Water  
**Priority** 1 Critical  
**Status** Active

**Description** Total Project Cost: \$1,000,000  
 New well construction.

**Justification**

Expenditures	2018	2019	2020	2021	2022	Total
Construction/Maintenance					1,000,000	1,000,000
<b>Total</b>					<b>1,000,000</b>	<b>1,000,000</b>

Funding Sources	2018	2019	2020	2021	2022	Total
Safe Drinking Fund Loan					1,000,000	1,000,000
<b>Total</b>					<b>1,000,000</b>	<b>1,000,000</b>

**Budget Impact/Other**



# **2018 PROPOSED SEWER DEPARTMENT BUDGET**

**November 15, 2017 Draft**

**Proposed Budget Overview - Detail**  
**Fund: 620 - SEWER FUND**

Account Number		2016 Actual Year-End	2017 Projected Year-End	2017 Budget	2018 Proposed Budget	% Change In Budget
620-00-44190-000-000	INTEREST AND DIVIDEND INTEREST	2,132.28	3,830.39	1,000.00	3,000.00	200.00
620-00-44191-000-000	INTEREST SPECIAL ASSESSMENTS	346.46	0.00	520.42	173.24	-66.71
620-00-44192-000-000	CAPITAL CONTRIBUTIONS	0.00	0.00	0.00	0.00	0.00
620-00-44210-000-000	MISC. NON-OPERATING INCOME	8,140.14	0.00	0.00	2,000.00	999.99
620-00-44210-001-000	MISC. NON-OPERATING INCOME	7,277.25	3,026.70	0.00	2,500.00	999.99
620-00-44290-000-000	AMORTIZATION OF DEBT PREMIUM	1,268.00	0.00	0.00	0.00	0.00
620-00-44320-000-000	INTEREST CHARGED TO CONST	0.00	0.00	0.00	0.00	0.00
<b>LICENSES AND PERMITS</b>		<b>19,164.13</b>	<b>6,857.09</b>	<b>1,520.42</b>	<b>7,673.24</b>	<b>404.68</b>
620-00-46211-000-000	FLAT RESIDENTIAL SEWER	1,209.81	1,182.16	1,100.00	1,400.00	27.27
620-00-46221-000-000	METERED RESIDENTIAL SEWER	547,006.65	451,729.65	550,000.00	550,000.00	0.00
620-00-46221-001-000	METERED MULTI FAM RES SEWER	24,541.91	16,893.69	25,000.00	25,000.00	0.00
620-00-46222-000-000	METERED COMMERCIAL SEWER	282,856.95	207,738.67	275,000.00	280,000.00	1.82
620-00-46223-000-000	METERED INDUSTRIAL SEWER	190,943.35	164,859.05	140,000.00	191,000.00	36.43
620-00-46224-000-000	METERED PUBLIC AUTHORITY	39,938.96	30,912.81	40,000.00	40,000.00	0.00
620-00-46226-000-000	Leachate Treatment	0.00	0.00	0.00	0.00	0.00
620-00-46230-000-000	BOD CHARGES - HARLEY DAVIDSON	0.00	0.00	0.00	0.00	0.00
620-00-46310-000-000	PENALTIES	0.00	0.00	0.00	0.00	0.00
620-00-46320-000-000	SERVICING CUSTOMER LATERALS	0.00	0.00	0.00	0.00	0.00
620-00-46350-000-000	MISC. OPERATING REVENUE	0.00	399.00	0.00	0.00	0.00
<b>PUBLIC CHARGES FOR SERVICES</b>		<b>1,086,497.63</b>	<b>873,715.03</b>	<b>1,031,100.00</b>	<b>1,087,400.00</b>	<b>5.46</b>
620-10-49200-000-000	TRANSFER	0.00	0.00	0.00	0.00	0.00
620-10-49200-001-000	TRANSFER TO OTHER FUNDS	0.00	0.00	0.00	0.00	0.00
<b>OTHER FUNDING SOURCES</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Total Revenues</b>		<b>1,105,661.76</b>	<b>880,572.12</b>	<b>1,032,620.42</b>	<b>1,095,073.24</b>	<b>6.05</b>

**Proposed Budget Overview - Detail**  
**Fund: 620 - SEWER FUND**

Account Number		2016 Actual Year-End	2017 Projected Year-End	2017 Budget	2018 Proposed Budget	% Change In Budget
620-00-59080-000-000	TAXES	2,174.00	0.00	0.00	0.00	0.00
620-00-59081-000-000	TAXES -FICA	11,312.26	12,371.90	14,962.35	15,059.05	0.65
620-00-59200-000-000	INTERFUND TRANSFER	0.00	0.00	0.00	0.00	0.00
620-00-59313-000-000	COLLECTING MAINS & ACCESSORIES	0.00	0.00	0.00	0.00	0.00
620-00-59379-000-000	ASSET: GEN EQUIP. LAB, COMMUNI	0.00	0.00	0.00	0.00	0.00
620-00-59403-000-000	DEPRECIATION	296,849.29	200,355.94	0.00	0.00	0.00
620-00-59427-000-000	PRINCIPAL ON DEBT	0.00	0.00	336,341.76	344,514.01	2.43
620-00-59431-000-000	INTEREST ON DEBT	159,276.70	130,431.83	155,265.88	146,457.32	-5.67
620-00-59432-000-000	AMORTIZATION OF DEBT DISCOUNT	0.00	0.00	0.00	0.00	0.00
620-00-59820-000-000	OPERATION SUPERVISION & LABOR	153,743.51	151,401.99	158,614.20	163,267.52	2.93
620-00-59821-000-000	POWER & FUEL FOR PUMPING	62,051.81	62,748.58	65,000.00	65,000.00	0.00
620-00-59825-000-000	SLUDGE CONDITIONING CHEMICALS	6,102.17	7,132.45	6,500.00	6,000.00	-7.69
620-00-59826-000-000	OTHER CHEMICALS-SEWAGE	0.00	0.00	0.00	0.00	0.00
620-00-59827-000-000	OTHER OPERATING SUPPLIES	4,901.50	5,509.25	5,500.00	4,500.00	-18.18
620-00-59828-000-000	OPERATION-TRANSPORTATION	1,558.30	10,696.43	12,500.00	5,000.00	-60.00
620-00-59831-000-000	MAINT SEWAGE COLLECTIONS	4,551.73	1,189.64	5,000.00	29,336.68	486.73
620-00-59832-000-000	MAINT COLLECTION SYSTEM PUMP	12,833.56	41,755.77	20,000.00	59,000.00	195.00
620-00-59833-000-000	MAINT TREATMENT/DISPOSAL PLANT	20,620.15	22,706.75	20,000.00	20,000.00	0.00
620-00-59833-001-000	MAINT TREATMENT/DISPOSAL PLANT	4,856.28	0.00	0.00	0.00	0.00
620-00-59834-000-000	MAINT GENERAL PLANT STRUCTURE	-25,451.90	6,757.92	9,000.00	7,000.00	-22.22
620-00-59834-001-000	MAINT GENERAL PLANT STRUCTURE	0.00	0.00	0.00	0.00	0.00
620-00-59835-000-000	MAINT OF METERS	4,923.25	4,219.53	7,398.00	7,548.38	2.03
620-00-59840-000-000	BILLING, COLLECTING & ACCTG	33,667.36	34,839.64	34,000.00	35,000.00	2.94
620-00-59842-000-000	METER READING	8,101.62	7,532.23	10,727.10	12,580.63	17.28
620-00-59850-000-000	ADMIN & GENERAL SALARIES	1,306.19	1,098.36	13,915.00	14,367.24	3.25
620-00-59851-000-000	OFFICE SUPPLIES & EXPENSES	8,313.04	6,813.21	10,000.00	6,000.00	-40.00
620-00-59852-000-000	OUTSIDE SERVICES EMPLOYED	55,727.60	10,221.83	5,000.00	5,000.00	0.00
620-00-59852-001-000	OUTSD SERV.-TEST/SLUDGE HAUL	66,751.18	61,569.55	60,000.00	58,000.00	-3.33
620-00-59852-002-000	OUTSD SERV.-PHOSPHOROUS	0.00	0.00	0.00	0.00	0.00
620-00-59853-000-000	INSURANCE EXPENSE	7,848.35	7,594.15	7,500.00	7,500.00	0.00
620-00-59854-000-000	EMPLOYEE PENSIONS & BENEFITS	81,281.67	79,691.08	66,726.06	78,942.41	18.31
620-00-59855-000-000	REGULATORY COMMISSION	0.00	0.00	0.00	0.00	0.00
620-00-59856-000-000	MISC. GENERAL EXPENSE	9,094.05	3,684.15	5,000.00	5,000.00	0.00
<b>OTHER FINANCING USES</b>		<b>992,393.67</b>	<b>870,322.18</b>	<b>1,028,950.35</b>	<b>1,095,073.24</b>	<b>6.43</b>
<b>Total Expenses</b>		<b>992,393.67</b>	<b>870,322.18</b>	<b>1,028,950.35</b>	<b>1,095,073.24</b>	<b>6.43</b>
<b>Net Totals</b>		<b>113,268.09</b>	<b>10,249.94</b>	<b>3,670.07</b>	<b>0.00</b>	<b>-100.00</b>

## FUND 620 – SEWER

### REVENUE

Account Number	Short Description	Explanation
620-00-44190-000-000	Interest and Dividend Income	Interest made on the accounts held at various financial institutions.
620-00-44191-000-000	Interest on Special Assessments	Interest on the special assessments for Vena Avenue utility expansion.
620-00-44210-000-000	Misc. Non-Operating Income	Fees charged to septic haulers to dump at the waste water treatment plant and other miscellaneous income.
620-00-44210-001-000	Misc. Non-Operating Income – Dumping Fees	Daily and annual fees for the dumping station at the City Garage.
620-00-46211-000-000	Flat Rate Sewer	This account shall include the billing for sewerage service rendered to residential, commercial, industrial and public authority purposes where the charge is not dependent in any way on the quantity of water delivered or metered effluent output but is based on residential equivalent units, diameter of service pipe, number of rooms, foot of frontage or other similar unit.
620-00-46221-000-000	Residential Sewer	Customers that have sewer service provided for residential or domestic purposes. Sale to multiple-dwelling buildings through a single meter serving three or more family units is classified as commercial.
620-00-46221-001-000	Multi-Family Residential Sewer	Customers that have sewer service provided for residential or domestic purposes, has three or more dwelling units, and is served by a single meter. This classification also includes mobile home parks that are master metered. Mixed-use commercial properties, such as apartment mixed with retail, are classified as commercial.
620-00-46222-000-000	Commercial Water	Business entities and institutions (except governmental) that provide goods and services. Also, buildings comprised of multiple dwellings with three or more units served through a single meter. Churches and parochial school are not governmental and are classified as commercial.
620-00-46223-000-000	Industrial Water	Those customers engaged in the manufacture or production of goods.
620-00-46224-000-000	Public Authority Water	An agency of the local, state or federal government, or a local, state, or federal entity. Since public schools are governmental, they are classified as public authority.
620-00-46350-000-000	Miscellaneous Operating Revenue	This account shall include revenues incidental to sewer operations not included in any of the foregoing accounts. This covers such items as fees and charges for changing, connecting and disconnecting service and profit on the sale of materials and supplies not ordinarily purchased of resale. This also includes the proceeds of the sale of the waste water truck to the Water Department.

## EXPENSES

Account Number	Short Description	Explanation
620-00-59081-000-000	Taxes – FICA	The Social Security rate for 2018 is 7.65%
620-00-57427-000-000	Principal on Debt	Principal payments for: S. Tomahawk Reconstruct 7,095.00 River Crossing/N 4 <sup>th</sup> St (North of Bridge) 200,000.00 <u>Clean Water Fund (2015 Upgrades) 137,419.01</u> Total \$344,514.01
620-00-59427-000-000	Interest on Debt	Interest payments for: S. Tomahawk Reconstruct 1,037.64 River Crossing/N 4 <sup>th</sup> St (North of Bridge) 76,043.76 <u>Clean Water Fund (2015 Upgrades) 69,375.92</u> Total \$146,457.32
620-00-59820-000-000	Operation Supervision & Labor	This account shall include the cost of supervision and labor incurred in the operation of those plant facilities classified as collecting systems, collecting system pumping installations and treatment and disposal plant. (5000 hours)
620-00-59821-000-000	Power & Fuel for Pumping	This account shall include the cost of electric power and the cost of fuel purchased for use in the operation of pumping facilities located on the collecting system and at the sewage treatment and disposal plant.
620-00-59825-000-000	Sludge Conditioning Chemicals	Includes the cost of chemicals used in the sewage treatment process to condition sludge for dewatering.
620-00-29827-000-000	Other Operating Supplies and Expenses	Costs of supplies used and expenses incurred in the operation of collection system, collecting system pumping installations and the treatment and disposal plant.
620-00-59828-000-000	Transportation Expenses	Materials used, and expenses incurred in the operation and maintenance of general transportation equipment of the utility.
620-00-59831-000-000	Maintenance of Collection System	Materials used, and expenses incurred in repairing and maintaining the sewer collection system of mains and laterals. This includes \$15,000 for lining of mains (WW-18-003) and \$11,836.68 for the replacement of the main on 9 <sup>th</sup> Street (WW-18-004)
620-00-59832-000-000	Maintenance of Collection System – Pumping Equipment	Materials used, and expenses incurred in repairing and maintaining the sewer collection system pumping station. This includes \$50,000 for the replacement of the grinder pumps and controls at the VFW lift station (WW-18-001).
620-00-59833-000-000	Maintenance of Treatment and Disposal Plant Equipment	Materials used, and expenses incurred in repairing and maintaining treatment and disposal plant equipment.
620-00-59834-000-000	Maintenance of General Plant Structure and Equipment	Materials used, and expenses incurred in repairing and maintaining general plant buildings and equipment in operating condition.
620-00-59835-000-000	Maintenance of Meters	Cost of labor employed (300 hours), materials used, and expenses incurred in repairing and maintaining the meters.

<b>Account Number</b>	<b>Short Description</b>	<b>Explanation</b>
620-00-59840-000-000	Billing, Collecting and Accounting	Wages of employees, supplies used, and expenses incurred in customer billing and accounting work, collecting customer bills and miscellaneous work incurred in connection with customer accounting and collecting. (\$2,701.38/month due to the City and \$125/month for billing postage)
620-00-59842-000-000	Meter Reading	A portion of the costs associated with reading meters. Approximately 500 hours.
620-00-59850-000-000	Administration and General Salaries	Salaries of officers of the utility and the portion of the salaries of employees engaged in the general office not chargeable directly to any of the preceding accounts.
620-00-59851-000-000	Office Supplies and Expenses	Cost of office supplies used and expenses incurred in connection with general and administrative functions.
620-00-59852-000-000	Outside Services Employed	Fees and expenses of professional consultants and others for general services, which are not applicable to a particular operating function nor to other accounts.
620-00-59852-001-000	Outside Services Employed – Sludge Testing/Hauling	Fees and expensed for the testing and hauling of sludge.
620-00-59853-000-000	Insurance Expense	Cost of insurance. This includes Worker’s Compensation Insurance and “No Fault Sewer Backup” Insurance.
620-00-59854-000-000	Employee Pensions and Benefits	Employee benefits.
620-00-59856-000-000	Miscellaneous General Expenses	Cost of expenses incurred in connection with the general management of the utility not provided for elsewhere.

City of Tomahawk, Wisconsin  
*5 Year Capital Improvement Plan*  
 2018 thru 2022

**PROJECTS BY FUNDING SOURCE**

Source	Project #	Priority	2018	2019	2020	2021	2022	Total
<b>G.O. Financing (Sewer)</b>								
6th Street Reconstruction	STR-20-001	3			25,000			25,000
Washington Ave Reconstruction	STR-20-004	1			50,000			50,000
W Somo Ave Reconstruction (HWY 86)	STR-21-001	1				225,000		225,000
E Somo Ave Reconstruction (HWY 86)	STR-21-002	1				225,000		225,000
<b>G.O. Financing (Sewer) Total</b>					75,000	450,000		525,000
<b>Sewer Fund</b>								
VFW Lift Station	WW-18-001	1	50,000					50,000
Grit Pump	WW-18-002	3		12,560				12,560
Sanitary Sewer Lining	WW-18-003	1	15,000					15,000
9th Street Main Replacement	WW-18-004	1	11,837					11,837
Park Avenue Lift Station	WW-19-001	2		75,000				75,000
Industrial Park Lift Station	WW-20-001	3			20,000			20,000
Memorial Park Lift Station	WW-21-001	2				40,000		40,000
Water Park Lift Station	WW-21-002	2				40,000		40,000
<b>Sewer Fund Total</b>			76,837	87,560	20,000	80,000		264,397
<b>GRAND TOTAL</b>			76,837	87,560	95,000	530,000		789,397

**Project #** WW-18-001  
**Project Name** VFW Lift Station

**Department** Sewer Department  
**Contact** Sewer Leadsperson  
**Type** Equipment  
**Useful Life** 25 Years  
**Category** Wastewater  
**Priority** 1 Critical  
**Status** Active

**Description** **Total Project Cost:** \$50,000  
 Replalce with grinder pumps and new controls.

**Justification**  
 Current pump is a 1970 vintage ejector pods and is hard to get part for.  
 We had three of these lift stations, the other two were upgraded with the 2015 system upgrades.  
 These upgrades would also eliminate a confined space entry.

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings	50,000					50,000
<b>Total</b>	50,000					50,000

  

Funding Sources	2018	2019	2020	2021	2022	Total
Sewer Fund	50,000					50,000
<b>Total</b>	50,000					50,000

**Budget Impact/Other**  
 620-00-59832-000-000 Maintenance of Collection System - Pumping Equipment

**Project #** WW-18-002  
**Project Name** Grit Pump

**Department** Sewer Department  
**Contact** Sewer Leadsperson  
**Type** Equipment  
**Useful Life** 20 years  
**Category** Wastewater  
**Priority** 3 Important  
**Status** Active

**Description** **Total Project Cost:** \$12,560  
 Fairbanks Grit Pump (Replacement)

**Justification**  
 Temporary pump was installed in 2016 because of the 16 week lead time for replacement.

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings		12,560				12,560
<b>Total</b>		12,560				12,560

  

Funding Sources	2018	2019	2020	2021	2022	Total
Sewer Fund		12,560				12,560
<b>Total</b>		12,560				12,560

**Budget Impact/Other**  
 620-00-59833-000-000 Maintenance of Treatment Plant



**Project #** WW-18-003  
**Project Name** Sanitary Sewer Lining

**Department** Sewer Department  
**Contact** Sewer Leadsperson  
**Type** Improvement  
**Useful Life** 30 years  
**Category** Wastewater  
**Priority** 1 Critical  
**Status** Active

**Description** **Total Project Cost:** \$15,000  
 Foaming and Lining of the sanitary sewer lines at the following:  
 -Washington Avenue between 8th Street and 9th Street (1 Block)  
 -Washington Avenue beteen 2nd Street and Tomahawk Avenue (1 Block)

**Justification**  
 Tree roots have penetrated the sanitary sewer lines in the segments of roads indicated in the description. The project would include a foam treatment to kill the roots in the system and then to line the sanitary sewer lines.

<b>Expenditures</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
Construction/Maintenance	15,000					15,000
<b>Total</b>	<b>15,000</b>					<b>15,000</b>

<b>Funding Sources</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
Sewer Fund	15,000					15,000
<b>Total</b>	<b>15,000</b>					<b>15,000</b>

**Budget Impact/Other**  
 620-00-59831-000-000 Maintenance of Collection System.

**Project #** WW-18-004  
**Project Name** 9th Street Main Replacement

**Department** Sewer Department  
**Contact** Sewer Leadsperson  
**Type** Improvement  
**Useful Life** 50 years  
**Category** Wastewater  
**Priority** 1 Critical  
**Status** Active

**Description** **Total Project Cost:** \$11,837  
 Replacement of 15" Sanitary Main on 9th Street (Washington Avenue to Lincoln Avenue). This would also include the replacement of a man hole, in necessary.

**Justification**  
 Because of a break in the main, ther is infiltration of sand into the sanitary main

<b>Expenditures</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
Construction/Maintenance	11,837					11,837
<b>Total</b>	<b>11,837</b>					<b>11,837</b>

<b>Funding Sources</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
Sewer Fund	11,837					11,837
<b>Total</b>	<b>11,837</b>					<b>11,837</b>

**Budget Impact/Other**  
 620-00-59831-000-000 Maintenance of Collection System

**Project #** WW-19-001  
**Project Name** Park Avenue Lift Station

**Department** Sewer Department  
**Contact** Sewer Leadsperson  
**Type** Improvement  
**Useful Life** 50 years  
**Category** Wastewater  
**Priority** 2 Very Important  
**Status** Active

**Description** **Total Project Cost:** \$75,000  
 Pump and control replacement.

**Justification**  
 The Park Avenue lift station handles all of the sanitary from Kings Road (School, nursing home, etc.).  
 The current building is located on the corner of Park Avenue and 9th Street. It has a dry pit where the pumps are located. The replacement of these pumps would eliminate a confined space entry.

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings		75,000				75,000
<b>Total</b>		75,000				75,000

Funding Sources	2018	2019	2020	2021	2022	Total
Sewer Fund		75,000				75,000
<b>Total</b>		75,000				75,000

**Budget Impact/Other**  
 620-00-59832-000-000 Maintenance of Collection System - Pumping Equipment

**Project #** WW-20-001  
**Project Name** Industrial Park Lift Station

**Department** Sewer Department  
**Contact**  
**Type** Improvement  
**Useful Life** 30 years  
**Category** Wastewater  
**Priority** 3 Important  
**Status** Active

**Description** **Total Project Cost:** \$20,000  
 Pumps and valves replacement. Controls were replaced in 2015.  
 This pump station is located at the corner on Mohawk Drive (near the hospital).

**Justification**  
 All though this is low priority lift station, the pumps and valves were last replaced in the 1970's.

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings			20,000			20,000
<b>Total</b>			20,000			20,000

Funding Sources	2018	2019	2020	2021	2022	Total
Sewer Fund			20,000			20,000
<b>Total</b>			20,000			20,000

**Budget Impact/Other**  
 620-00-59832-000-000 Maintenance of Collection System - Pumping Equipment

**Project #** WW-21-001  
**Project Name** Memorial Park Lift Station

**Department** Sewer Department  
**Contact** Sewer Leadsperson  
**Type** Improvement  
**Useful Life** 30 years  
**Category** Wastewater  
**Priority** 2 Very Important  
**Status** Active

**Description** **Total Project Cost:** \$40,000  
 Generator replacement

**Justification**  
 Current generator is 1970's vintage gas powered International. This lift station handles all of the properties north of the bridge and the downtown area. (everything north of Merrill Avenue).

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings				40,000		40,000
<b>Total</b>				40,000		40,000

Funding Sources	2018	2019	2020	2021	2022	Total
Sewer Fund				40,000		40,000
<b>Total</b>				40,000		40,000

**Budget Impact/Other**  
 620-00-59832-000-000 Maintenance of Collection System - Pumping Equipment

**Project #** WW-21-002  
**Project Name** Water Park Lift Station

**Department** Sewer Department  
**Contact** Sewer Leadsperson  
**Type** Equipment  
**Useful Life** 30 years  
**Category** Wastewater  
**Priority** 2 Very Important  
**Status** Active

**Description** **Total Project Cost:** \$40,000  
 Generator Replacement

**Justification**  
 Current generator is 1970's vintage gas powered International. This lift station handles all of the from the Memorial Park lift station and the flow from French town. The flow is then pumped to the treatment plant.

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings				40,000		40,000
<b>Total</b>				40,000		40,000

Funding Sources	2018	2019	2020	2021	2022	Total
Sewer Fund				40,000		40,000
<b>Total</b>				40,000		40,000

**Budget Impact/Other**  
 620-00-59832-000-000 Maintenance of Collection System - Pumping Equipment