

Tuesday, September 26, 2017

City Hall, Council Chambers

5:00PM

23 N 2nd Street**AGENDA****COMMISSION
MEMBERS**BRUCE HETZEL
CHAIRPERSON
TERM EXP. 2020SCOTT BORCHARDT
TERM EXP. 2017DALE ARTHUR
TERM EXP. 2019ALLEN LEITZ
TERM EXP. 2018BILL 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. July 25, 2017
 - 2. August 8, 2017
- D. **CHECKS** – 16586 – 16674 in the amount of \$240,135.20
- E. **FINANCIAL REPORT** – September 20, 2017
- F. **OTHER BUSINESS**
 - 1. Water Projects
 - i. Well House No 4 and No 5 Rehab
 - 2. Infiltration into Sanitary Sewers and Inflow into the Waste Water Treatment Facility
 - 3. Winter Water Fill Station (Proposed Location: City Garage)
 - 4. Department of Natural Resources 2017 Sanitary Survey and Notice of Noncompliance (Water)
 - 5. An ordinance amending Chapter 98 Utilities, Article IV. Water
- G. **DIRECTOR'S REPORT**
- H. **NEXT MEETING DATE(S)** – October 24, 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

1
2
3
4
5
6

**MINUTES OF THE
WATER AND SEWER UTILITY COMMISSION
City of Tomahawk
City Council Chambers
July 25, 2017**

7 CALL TO HETZEL called the meeting of the Water and Sewer Utility Commission to order at
8 ORDER 5:01PM.

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

12
13 Also present was Director of Public Works John Cole, Clerk-Treasurer Amanda L. Bartz,
14 CMC, Water Leadsperson Brandon Strelow and Wastewater Operator Bill Jelinek.

15
16 PUBLIC There were no public comments.
17 COMMENTS

18
19 MINUTES LEITZ MOVED to approve the June 27, 2017 minutes and ARTHUR seconded. The VOTE
20 was unanimous.

21
22 CHECKS The Commission reviewed and discussed the checks as presented.

23
24 ARTHUR MOVED to approve checks 16542 – 16585 in the amount of \$91,932.21 and
25 LEITZ seconded. The VOTE was unanimous.

26
27 FINANCIAL PAULSON MOVED to approve the Financial Report and LEITZ seconded. The VOTE was
28 REPORT unanimous.

29
30 OTHER **1.) 2017 Water Projects**
31 BUSINESS

32 Well House No 4 and No 5 Rehab

33
34 There was nothing new to report on the Well House No. 4 and No. 5 Rehab project.

35
36 **2.) Amendment No. 1 – Nsighttell Wireless, LLC (d/b/a Cellcom)**

37
38 LEITZ stated that if the contract is being opened then the Commission should request an
39 increase in their rent payments. Discussion followed regarding the current contract rent
40 and what would be an agreeable increase.

41
42 LEITZ MOVED to increase the monthly rate to \$2,000/month and PAULSON seconded.
43 The VOTE was unanimous.

1
2 **3.) Foaming and Lining of the Sanitary Sewer on Washington Avenue between**
3 **8th Street and 9th Street and between 2nd Street and Tomahawk Avenue**
4

5 COLE stated there have been some issues on Washington Avenue and that portion of
6 the sewer main has been televised. He stated they have discovered that there is a lot of
7 root infiltration into the system.
8

9 COLE explained that they would re-line approximately 50' to 100' of sewer main.
10

11 HETZEL asked how deep those mains are and COLE explained that they are 6'-7' in
12 depth.
13

14 COLE explained that this will be a project in the 2018 Capital Project Plan.
15

16 CLOSED LEITZ MOVED to enter into closed session pursuant to 19.85(1)(g) of Wisconsin
17 SESSION Statutes to discuss/take action on: **Infiltration into Sanitary Sewers and Inflow into the**
18 **Waste Water Treatment Facility.** ARTHUR seconded. The roll call VOTE was
19 unanimous. The Commission entered into closed session at 5:26PM.
20

21 PAULSON MOVED to adjourn closed session and reconvene open session and LEITZ
22 seconded. The roll call VOTE was unanimous. Open session was reconvened at 6:02PM.
23

24 DIRECTOR'S COLE reported that they will be conducting sewer main cleaning on Tuesdays and
25 REPORT Thursdays.
26

27 COLE also reported that the water tower has been inspected on July 21, 2017. He stated
28 that it is required to be inspected every 5 years and everything was in good shape.
29

30 NEXT The Water and Sewer Utility Commission will meet on August 29, 2017 at 5:00PM at
31 MEETING City Hall in the Council Chambers.
32

33 ADJOURN HETZEL MOVED to adjourn the meeting of the Water and Sewer Utility Commission and
34 ARTHUR seconded. The VOTE was unanimous. The meeting was adjourned at
35 6:04PM.
36

37 Approved: Draft _____

38 _____
Clerk/Treasurer, Amanda L. Bartz, CMC

1
2
3
4
5
6

**MINUTES OF THE
WATER AND SEWER UTILITY COMMISSION
City of Tomahawk
City Council Chambers
August 9, 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, Scott Borchardt, Dale Arthur, Allen Leitz and Bill
11 Paulson.

12
13 Also present was Director of Public Works John Cole and Clerk-Treasurer Amanda L.
14 Bartz, CMC.

15
16 PUBLIC There were no public comments.
17 COMMENTS

18
19 OTHER **1.) Amendment No. 1 – Nsighttel Wireless, LLC (d/b/a Cellcom)**
20 BUSINESS

21 Clerk BARTZ explained that Cellcom has been getting a 3% increase per year on their
22 rent per year and currently is paying \$1,679.89 per month.

23
24 LEITZ MOVED to approve Amendment No. 1 and BORCHARDT seconded. The VOTE was
25 unanimous.

26
27 NEXT The Water and Sewer Utility Commission will meet on August 29, 2017 at 5:00PM at
28 MEETING City Hall in the Council Chambers.

29
30 ADJOURN LEITZ MOVED to adjourn the meeting of the Water and Sewer Utility Commission and
31 ARTHUR seconded. The VOTE was unanimous. The meeting was adjourned at
32 5:08PM.

33
34 Approved: Draft _____

35 _____
Clerk/Treasurer, Amanda L. Bartz, CMC

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
16586	7/21/2017	CITY OF TOMAHAWK	
Taxes Due City			
610-00-57080-000-000		TAXES	11,073.36
7/17 Taxes Due City			
610-00-57902-000-000		CUST A/C - COLLECTION LABOR	2,077.82
7/17 Wtr Administration Due City			
620-00-59840-000-000		BILLING, COLLECTING & ACCTG	2,701.38
7/17 Wwtr Administration Due City			
Total			15,852.56
<hr/>			
16587	7/21/2017	CITY OF TOMAHAWK	
Payroll			
610-00-15010-000-000		DUE TO/FROM GENERAL FUND	3,986.27
7/21 Wtr Payroll			
620-00-15010-000-000		Due from/to General Fund	5,679.62
7/21 Wwtr Payroll			
Total			9,665.89
<hr/>			
16588	7/21/2017	EXXON MOBIL	
4707 45.13g Unlead			
620-00-59828-000-000		OPERATION-TRANSPORTATION	94.35
4707 45.13g Unlead			
610-00-57933-000-000		ADMIN & GEN - TRANSPORTATION	101.46
4707 36.57g Unlead			
Total			195.81
<hr/>			
16589	7/25/2017	CITY OF TOMAHAWK SOLID WASTE FUND	
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	13.26
REFUSE COLLECTION			
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	91.39
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	576.07
REFUSE COLLECTION			

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	1,759.69
		REFUSE COLLECTION	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	1,062.01
		REFUSE COLLECTION	
Total			3,561.67

16590 8/04/2017 CITY OF TOMAHAWK
Taxes Due City

610-00-57080-000-000		TAXES	11,073.36
		8/17 Taxes Due City	
610-00-57902-000-000		CUST A/C - COLLECTION LABOR	2,077.82
		8/17 Wtr Administration Due City	
620-00-59840-000-000		BILLING, COLLECTING & ACCTG	2,701.38
		8/17 Wwtr Administration Due City	
610-00-15010-000-000		DUE TO/FROM GENERAL FUND	4,451.23
		8/4 Wtr Payroll	
620-00-15010-000-000		Due from/to General Fund	7,472.20
		8/4 Wwtr Payroll	
Total			27,775.99

16591 8/04/2017 FRONTIER
Maintenance of Plant

610-00-57625-000-000		PUMP EXPENSE - MAINT OF PLANT	64.89
		715-453-8601-083181-5	
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	30.00
		262-002-4771-082781-5	
620-00-59832-000-000		MAINT COLLECTION SYSTEM PUMP	70.00
		262-001-8149-082896-5	
Total			164.89

16592 8/04/2017 TOMAHAWK ACE HARDWARE
Maintenance Treatment/Disposal Plant

620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	12.92
		339826 Spraypaint	
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	29.69
		339995 Handle	
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	26.78
		341164 Cleaners	

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
620-00-59832-000-000		MAINT COLLECTION SYSTEM PUMP	10.66
		340390 Key Holder, Keys	
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	41.34
		340838 Bulbs, Bleach, Trash Bags	
Total			121.39
<hr/>			
16593	8/04/2017	WISCONSIN PUBLIC SERVICE	
		Power & Fuel for Pumping	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	249.56
		135-81 Deer Park Rd	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	23.90
		135-76 WWTP-Gen	
Total			273.46
<hr/>			
16594	8/08/2017	CITY OF TOMAHAWK SOLID WASTE FUND	
		REFUSE COLLECTION	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	609.83
		REFUSE COLLECTION	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	1,767.92
		REFUSE COLLECTION	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	341.76
		REFUSE COLLECTION	
Total			2,719.51
<hr/>			
16595	8/09/2017	CITY OF TOMAHAWK SOLID WASTE FUND	
		REFUSE COLLECTION	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	574.84
		REFUSE COLLECTION	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	2,005.92
		REFUSE COLLECTION	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	382.13
		REFUSE COLLECTION	
Total			2,962.89
<hr/>			
16596	8/11/2017	CITY OF TOMAHAWK	
		BPW WAGES	
610-00-15010-000-000		DUE TO/FROM GENERAL FUND	9,970.89
		BPW WAGES	
620-00-15010-000-000		Due from/to General Fund	9,970.89
		BPW WAGES	

9/19/2017

4:18 PM

Reprint Check Register - Full Report - ALL

Page: 4
ACCT

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
Total			19,941.78
16597	8/11/2017	EAGLE WASTE & RECYCLING INC. Misc General Expense	
620-00-59856-000-000		MISC. GENERAL EXPENSE 265456 Trash Service	108.07
Total			108.07
16598	8/11/2017	FRONTIER Utilities	
620-00-59851-000-000		OFFICE SUPPLIES & EXPENSES 715-453-3143-010165-5	195.87
Total			195.87
16599	8/11/2017	MINNESOTA LIFE Employee Benefit	
610-00-57926-000-000		ADMIN & GEN - EMPLOYEE BENEFIT 2832L - Sep Life Ins	3.50
620-00-59854-000-000		EMPLOYEE PENSIONS & BENEFITS 2832L - Sep Life Ins	7.97
Total			11.47
16600	8/11/2017	SECURITY HEALTH PLAN Employee Benefit	
610-00-57926-000-000		ADMIN & GEN - EMPLOYEE BENEFIT Sep Health Ins Prem	6,010.47
620-00-59854-000-000		EMPLOYEE PENSIONS & BENEFITS Sep Health Ins Prem	5,120.02
Total			11,130.49
16601	8/11/2017	SHELL Transportation	
610-00-57933-000-000		ADMIN & GEN - TRANSPORTATION 0707 66.86 Unlead	140.14
610-00-57933-000-000		ADMIN & GEN - TRANSPORTATION Discount - Wtr Dept	-2.01
620-00-59828-000-000		OPERATION-TRANSPORTATION 0707 57.41g Unlead	121.84
620-00-59828-000-000		OPERATION-TRANSPORTATION Discount - Wwtr	-1.72

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
Total			258.25
<hr/>			
16602	8/11/2017	WASTEWATER TRAINING SOLUTIONS	
Outside Services			
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	160.00
		81-0676969 Biosolids R Thiemer	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	160.00
		81-0676969 Phosphorus - R Thiemer	
Total			320.00
<hr/>			
16603	8/11/2017	WISCONSIN PUBLIC SERVICE	
Power & Fuel for Pumping			
620-00-59821-000-000		POWER & FUEL FOR PUMPING	103.43
		135-07 Lift Station #4	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	54.59
		135-13 Lift Station #3	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	151.70
		135-14 Lift Station #5	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	61.05
		135-19 Lift Station #12	
610-00-57622-000-000		PUMP EXPENSE - FUEL/POWER	1,661.51
		135-21 Waterworks Rd	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	48.88
		135-28 Lift Station #15	
610-00-57622-000-000		PUMP EXPENSE - FUEL/POWER	74.89
		135-33 Birchwood Av	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	120.06
		135-34 Lift Station #16	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	31.19
		135-39 Lift Station 36	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	150.13
		135-41 Lift Station #13	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	36.30
		135-45 Lift Station #8	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	738.36
		135-47 Lift Station #2	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	65.11
		135-48 Lift Station #48	

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
620-00-59821-000-000		POWER & FUEL FOR PUMPING 135-50 Lift Station #1	659.39
620-00-59821-000-000		POWER & FUEL FOR PUMPING 135-52 Lift Station #10	150.23
620-00-59821-000-000		POWER & FUEL FOR PUMPING 135-55 Lift Station #7	74.38
620-00-59821-000-000		POWER & FUEL FOR PUMPING 135-107 Lift Station #16	28.07
620-00-59821-000-000		POWER & FUEL FOR PUMPING 135-57 Wwtr Plant	2,362.27
Total			6,571.54
<hr/>			
16604	8/11/2017	WISCONSIN RURAL WATER ASSOC Outside Serviced Employed	
620-00-59852-000-000		OUTSIDE SERVICES EMPLOYED Wastewater Training - J Cole	160.00
Total			160.00
<hr/>			
16605	8/18/2017	CITY OF TOMAHAWK Payroll	
610-00-15010-000-000		DUE TO/FROM GENERAL FUND 8/18 Wtr Payroll	3,098.01
620-00-15010-000-000		Due from/to General Fund 8/18 Wwtr Payroll	9,166.51
Total			12,264.52
<hr/>			
16606	8/18/2017	EXXON MOBIL Transportation	
620-00-59828-000-000		OPERATION-TRANSPORTATION 4708 27.51g Unlead	58.76
610-00-57933-000-000		ADMIN & GEN - TRANSPORTATION 4708 31.50g Unlead	89.31
Total			148.07
<hr/>			
16607	8/18/2017	VERIZON WIRELESS 715-966-0464	
610-00-57625-000-000		PUMP EXPENSE - MAINT OF PLANT 715-966-0464	63.11
620-00-59851-000-000		OFFICE SUPPLIES & EXPENSES 715-966-0471	61.30

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
610-00-57625-000-000		PUMP EXPENSE - MAINT OF PLANT	61.30
		715-966-0614	
620-00-59851-000-000		OFFICE SUPPLIES & EXPENSES	59.68
		715-966-6816	
Total			245.39

16608 8/22/2017 CITY OF TOMAHAWK SOLID WASTE FUND

Refuse Collection

610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	82.12
		REFUSE COLLECTION	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	1,915.36
		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	31.50
		Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	11.72
		Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	25.27
		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	24.68
		Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	1,815.43
		Refuse Collection	
Total			3,997.11

16609 8/20/2017 AUCA CHICAGO MC LOCKBOX

Outside Service

610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	60.29
		1677665405 Uniforms 7/18	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	47.06
		1677669933 Uniforms 7/25	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	67.98
		1677674373 Uniforms 8/1	

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
620-00-59827-000-000		OTHER OPERATING SUPPLIES	67.98
		1677676477 Uniforms 8/3	
620-00-59827-000-000		OTHER OPERATING SUPPLIES	68.64
		1677662751 Uniforms 7/13	
620-00-59827-000-000		OTHER OPERATING SUPPLIES	58.04
		1677667232 Uniforms 7/20	
620-00-59827-000-000		OTHER OPERATING SUPPLIES	77.40
		1677671738 Uniforms 7/27	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	47.06
		1677679160 Uniforms 8/8	
620-00-59827-000-000		OTHER OPERATING SUPPLIES	77.40
		1677680959 Uniforms 8/10	
		Total	571.85
16610	8/20/2017	BUMPER TO BUMPER TOMAHAWK Supplies	
610-00-57641-000-000		TRANS & DIST - SUPPLIES	19.38
		640-148650 Socket	
		Total	19.38
16611	8/20/2017	CHARTER COMMUNICATIONS Miscellaneous Supplies	
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	129.77
		715-453-2404	
		Total	129.77
16612	8/20/2017	DIGGERS HOTLINE Outside Service	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	127.36
		170 6 57101 Tickets for 6/2017	
		Total	127.36
16613	8/20/2017	DIGGERS HOTLINE Outside Service	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	111.44
		170 7 57101 Tickets for 7/2017	
		Total	111.44
16614	8/20/2017	ENVIROTECH EQUIPMENT Transportation	

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
620-00-59828-000-000		OPERATION-TRANSPORTATION	91.10
		081317-21A Assembly for Auto Levelwind	
Total			91.10

16615 8/20/2017 FIRST SUPPLY
Maintenance Treatment/Disposal Plant

620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	79.35
		10656926-00 Pipe	
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	222.00
		10657296-00 Pipe	
Total			301.35

16616 8/20/2017 FRONTIER
Maintenance of Plant

610-00-57625-000-000		PUMP EXPENSE - MAINT OF PLANT	64.89
		715-453-8601-083181-5	
Total			64.89

16617 8/20/2017 GRAINGER
Miant Treatment/Disposal Plant

620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	92.75
		9510102289 T-Stat, Gloves	
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	459.00
		9514204370 Mobil	
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	652.80
		9496973612 Wall A/C	
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	59.74
		9524642882 Vest	
610-00-57623-000-000		PUMP EXPENSE - OTHER EXPENSES	237.08
		9517865433 Circular Paper Chart	
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	841.42
		9517019510 Spotlight, Lights, Hammer	
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	-529.20
		9522279299 Credit - Hammer	
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	347.40
		9521119074 Hammer Kit	
Total			2,160.99

16618 8/20/2017 GREAT LAKES TV SEAL INC
Maint Treatment/Disposal Plant

9/19/2017

4:18 PM

Reprint Check Register - Full Report - ALL

Page: 10
ACCT

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT 18272 Televisse Sanitary Sewer	1,590.21
Total			1,590.21
16619	8/20/2017	L. W. ALLEN, LLC Maint Collection System Pump	
620-00-59832-000-000		MAINT COLLECTION SYSTEM PUMP 103699 Rotating Assembly - Memorial Pk	13,604.00
Total			13,604.00
16620	8/20/2017	LINCOLN CNTY HIGHWAY DEPARTMENT Maintenance Treatment/Disposal Plant	
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT 330.018 Culverts	552.75
Total			552.75
16621	8/20/2017	LOCAL GOVERNMENT INVESTMENT POOL Due to General Fund	
610-00-25010-000-000		Due to General Fund Deposit to 835286 Sub Acct 11	4,500.00
620-00-15010-000-000		Due from/to General Fund Deposit to 835286 Sub Acct 11	500.00
Total			5,000.00
16622	8/20/2017	MEYERS MARINE Hydrant Maintenance	
610-00-57654-000-000		TRANS & DIST - HYDRANT MAINT 1589 Can Fuel	7.50
Total			7.50
16623	8/20/2017	MIDWEST TESTING Maintenance of Meters	
610-00-57653-000-000		TRANS & DIST - MANIT OF METERS 4216 Meter Testing	2,075.00
Total			2,075.00
16624	8/20/2017	NCL OF WISCONSIN INC Chemicals	
610-00-57631-000-000		WATER TREATMENT - CHEMICALS 393357 Electrode Storage Solution	23.65

9/19/2017

4:18 PM

Reprint Check Register - Full Report - ALL

Page: 11
ACCT

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
Total			23.65
16625	8/20/2017	NORTHERN LAKE SERVICE INC Outside Services Employed	
620-00-59852-000-000		OUTSIDE SERVICES EMPLOYED 318185 Phosphorus	95.00
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL 315447 Phosphorus	111.65
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL 314705 Phosphorus	96.43
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL 317443 Phosphorus	120.00
Total			423.08
16626	8/20/2017	NORTHWOODS SUPERIOR CHEMICAL CORP Miscellaneous Supplies	
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES 165038 Pop Up Wipes	75.58
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT 165039 Wipes, Solvent	146.22
Total			221.80
16627	8/20/2017	SHARE CORPORATION Maintenance Treatment/Disposal Plant	
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT 23332 Vegetation Control	237.14
Total			237.14
16628	8/20/2017	TOWN & COUNTRY ENGINEERING, INC Outside Service	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE 17870 Well House Design	6,395.38
Total			6,395.38
16629	8/20/2017	WATER TOWER CLEAN & COAT INC Res/Stand Pipe	
610-00-57650-000-000		TRANS & DIST - RES/STAND PIPE WT78064 Clean & Inspect Water Tower	2,800.00
Total			2,800.00

9/19/2017

4:18 PM

Reprint Check Register - Full Report - ALL

Page: 12
ACCT

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
16630	8/20/2017	WISCONSIN STATE LAB OF HYGIENE	
Outside Service			
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	25.00
512459 Fluoride			
			Total 25.00
16631	8/25/2017	UNITED STATES POSTAL SERVICE	
Supplies/Billing			
610-00-57903-000-000		CUST A/C - SUPPLIES, BILLING	120.97
Wtr Billing 6/17			
620-00-59840-000-000		BILLING, COLLECTING & ACCTG	120.96
Wwtr Billing 6/17			
			Total 241.93
16632	9/01/2017	CITY OF TOMAHAWK	
Payroll			
610-00-15010-000-000		DUE TO/FROM GENERAL FUND	3,773.66
9/1 Wtr Payroll			
620-00-15010-000-000		Due from/to General Fund	8,988.51
9/1 Wwtr Payroll			
			Total 12,762.17
16633	9/01/2017	CITY OF TOMAHAWK SOLID WASTE FUND	
Refuse Collection			
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	32.71
REFUSE COLLECTION			
			Total 32.71
16634	9/01/2017	FRONTIER	
Maintain Collection System Pump			
620-00-59832-000-000		MAINT COLLECTION SYSTEM PUMP	70.00
262-001-8149-082896-5			
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	30.00
262-002-4771-082781-5			
			Total 100.00
16635	9/01/2017	SHELL	
Transportation			
610-00-57933-000-000		ADMIN & GEN - TRANSPORTATION	77.90
0708 35.16 Unlead			

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
610-00-57933-000-000		ADMIN & GEN - TRANSPORTATION	-1.05
		Discount - Wtr Dept	
620-00-59828-000-000		OPERATION-TRANSPORTATION	118.83
		0708 52.67g Unlead	
620-00-59828-000-000		OPERATION-TRANSPORTATION	-1.58
		Discount - Wwtr	
Total			194.10

16636 9/01/2017 WISCONSIN PUBLIC SERVICE
135-107 Lift Station #16

620-00-59821-000-000		POWER & FUEL FOR PUMPING	28.07
		135-107 Lift Station #16	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	24.81
		135-76 Wwtp-Gen	
Total			52.88

16637 9/06/2017 CITY OF TOMAHAWK SOLID WASTE FUND
Refuse Collection

610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	399.51
		REFUSE COLLECTION	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	737.28
		Refuse Collection	
Total			1,136.79

16638 9/08/2017 BUSINESS INSURANCE GROUP
Insurance Expense

610-00-57924-000-000		ADMIN & GEN - INSURANCE	1,466.89
		2584 Workers Compensation	
620-00-59853-000-000		INSURANCE EXPENSE	1,466.89
		2584 Workers Compensation	
Total			2,933.78

16639 9/08/2017 EAGLE WASTE & RECYCLING INC.
Miscellaneous General Expense

620-00-59856-000-000		MISC. GENERAL EXPENSE	108.07
		268352 Trash Service	
Total			108.07

16640 9/08/2017 FRONTIER
Office Supplies/Expenses

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
620-00-59851-000-000		OFFICE SUPPLIES & EXPENSES	195.87
		715-453-3143-010165-5	
Total			195.87

16641 9/08/2017 MINNESOTA LIFE
Employee Benefit

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

16642 9/08/2017 TOMAHAWK ACE HARDWARE
Miscellaneous Supplies

610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	49.99
		2 Way Radios 342013	
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	2.69
		Sanitizer 341945	
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	12.91
		Cutoff Blade 341717	
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	10.87
		Oil, Fuel Can 341710	
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	9.48
		Bar Guard, Fasteners 341462	
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	5.93
		Hydraulic Oil 341546	
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	32.51
		Clip, UPS 341729	
610-00-57933-000-000		ADMIN & GEN - TRANSPORTATION	26.07
		Bucket, Carwash, Hose 343119	
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	9.06
		Paint, Conduit, Fasteners 342609	
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	4.13
		Mouse Trap 342431	
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	9.33
		Cleaner, Putty 342470	
610-00-57641-000-000		TRANS & DIST - SUPPLIES	77.97
		Nipple, Fasteners 342776	

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
610-00-57653-000-000		TRANS & DIST - MANIT OF METERS	25.97
		Brush, Tool 342877	
610-00-57641-000-000		TRANS & DIST - SUPPLIES	43.10
		Nipple, Couple 343244	
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	1.59
		Keys 343248	
Total			321.60

16643 9/08/2017 TOMAHAWK SURPLUS STORE
Miscellaneous General Expense

620-00-59856-000-000		MISC. GENERAL EXPENSE	100.00
		Safety Boots - B Jelinek	
Total			100.00

16644 9/08/2017 WISCONSIN PUBLIC SERVICE
Lift Station #4, N 9th Street

620-00-59821-000-000		POWER & FUEL FOR PUMPING	94.31
		Lift Station #4, N 9th Street 135-07	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	56.33
		Lift Station #3, W Somo Av 135-13	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	158.64
		Lift Station #5, School & Somo Av 135-14	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	58.10
		Lift Station #12, W Mohawk Dr 135-19	
610-00-57622-000-000		PUMP EXPENSE - FUEL/POWER	1,669.82
		Power/Water, Waterworks Rd 135-21	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	51.27
		Lift Station #15, Esker Heights Dr 135-28	
610-00-57622-000-000		PUMP EXPENSE - FUEL/POWER	80.27
		E Birchwood Av 135-33	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	138.98
		Lift Station #16, Kaphaem Rd 135-34	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	33.18
		Lift Station #6, Charles Av 135-39	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	151.87
		Lift Station #13, Bay Mill Rd 135-41	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	38.79
		Lift Station #8, Deer Park Rd 135-45	

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
620-00-59821-000-000		POWER & FUEL FOR PUMPING	653.58
		Lift Station #2, Waterworks Rd 135-47	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	64.70
		Lift Station #11, Bridge St 135-48	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	569.41
		Lift Station #1, River St 135-50	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	150.82
		Lift Station #10, Bliss St 135-52	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	83.42
		Lift Station #7, E King Rd 135-55	
Total			4,053.49
<hr/>			
16645	9/12/2017	CITY OF TOMAHAWK SOLID WASTE FUND	
Refuse Collection			
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	490.00
		REFUSE COLLECTION	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	623.96
		Refuse Collection	
Total			1,113.96
<hr/>			
16646	9/13/2017	CITY OF TOMAHAWK SOLID WASTE FUND	
Refuse Collection			
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	1,412.46
		REFUSE COLLECTION	
Total			1,412.46
<hr/>			
16647	9/18/2017	CHARTER COMMUNICATIONS	
715-453-2404			
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	129.77
		715-453-2404 0060733091317	
Total			129.77
<hr/>			
16648	9/18/2017	CITY OF TOMAHAWK	
9/15 Payroll			
610-00-15010-000-000		DUE TO/FROM GENERAL FUND	4,971.13
		Wtr Payroll 9/15/2017	
620-00-15010-000-000		Due from/to General Fund	8,517.50
		Wwtr Payroll 9/15/2017	
Total			13,488.63

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
16649	9/18/2017	CITY OF TOMAHAWK SOLID WASTE FUND	
Refuse Collection			
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	882.45
REFUSE COLLECTION			
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	1,359.32
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	31.69
Refuse Collection			
			Total
			2,301.49
16650	9/18/2017	EXXON MOBIL	
Transportation			
610-00-57933-000-000		ADMIN & GEN - TRANSPORTATION	93.13
		32.28g Unlead	7187859221235434
			Total
			93.13
16651	9/18/2017	SECURITY HEALTH PLAN	
Employee Benefit			
610-00-57926-000-000		ADMIN & GEN - EMPLOYEE BENEFIT	6,010.47
		Oct Health Ins Prem	2092871
620-00-59854-000-000		EMPLOYEE PENSIONS & BENEFITS	5,120.02
		Oct Health Ins Prem	2092871
			Total
			11,130.49
16652	9/18/2017	VERIZON WIRELESS	
Office Supplies & Expenses			
610-00-57625-000-000		PUMP EXPENSE - MAINT OF PLANT	63.11
		715-966-0464	9792206159
620-00-59851-000-000		OFFICE SUPPLIES & EXPENSES	98.79
		715-966-0471	9792206159
610-00-57625-000-000		PUMP EXPENSE - MAINT OF PLANT	61.30
		715-966-0614	9792206159
620-00-59851-000-000		OFFICE SUPPLIES & EXPENSES	53.12
		715-966-6816	9792206159
			Total
			276.32
16653	9/18/2017	WISCONSIN DEPARTMENT OF NATURAL RESOURCES	
Basic Biological Solids/Sludge - Thiemer			

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	25.00
		Basic Biological Solids/Sludge - Thiemer 35608	
610-00-57602-000-000		SOS MISCELANEOUS SUPPLIES	25.00
		Basic Total Phosphorus - R Thiemer 35608	
Total			50.00
<hr/>			
16654	9/18/2017	WISCONSIN PUBLIC SERVICE	
		Utilities	
620-00-59821-000-000		POWER & FUEL FOR PUMPING	2,410.99
		Wwtr Plant 135-57	
Total			2,410.99
<hr/>			
16655	9/18/2017	WVOA	
		Vande Weerd - Registration Fee	
620-00-59856-000-000		MISC. GENERAL EXPENSE	30.00
		Vande Weerd - Registration Fee 33323	
Total			30.00
<hr/>			
16656	9/19/2017	CITY OF TOMAHAWK SOLID WASTE FUND	
		Refuse Collection	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	829.45
		REFUSE COLLECTION	
610-00-15063-000-000		DUE TO/FROM SOLID WASTE FUND	1,150.66
		Refuse Collection	
Total			1,980.11
<hr/>			
16657	9/20/2017	AUCA CHICAGO MC LOCKBOX	
		Uniforms	
620-00-59827-000-000		OTHER OPERATING SUPPLIES	67.98
		Uniforms 1677685439	
620-00-59827-000-000		OTHER OPERATING SUPPLIES	77.40
		Uniforms 1677689961	
620-00-59827-000-000		OTHER OPERATING SUPPLIES	69.46
		Uniforms 1677694448	
620-00-59827-000-000		OTHER OPERATING SUPPLIES	77.40
		Uniforms 1677698958	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	47.06
		Uniforms 1677688161	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	67.98
		Uniforms 1677683599	

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	67.98
		Uniforms 1677692600	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	47.06
		Uniforms 9/5 1677697151	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	67.98
		Uniforms 9/12 1677701648	
Total			590.30

16658 9/20/2017 BROCK WHITE COMPANY
Maintenance Treatment/Disposal Plant

620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	195.48
		12817718-00 Spacer Rings	
Total			195.48

16659 9/20/2017 CITY OF TOMAHAWK PETTY CASH
Postage

610-00-57930-000-000		ADMIN & GEN--MISC EXPENSES	3.48
		Postage	
Total			3.48

16660 9/20/2017 ENVIROTECH EQUIPMENT
Maintain Sewage Collections

620-00-59831-000-000		MAINT SEWAGE COLLECTIONS	137.49
		Swivels 082717-19A	
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	155.54
		Replacement Parts for Vac On Jet Vac 090417-9A	
Total			293.03

16661 9/20/2017 FERGUSON WATERWORKS #1476
Trans & Distribution Supplies

610-00-57641-000-000		TRANS & DIST - SUPPLIES	105.53
		Gasket, T-Head, E-Coat 0228699	
610-00-57654-000-000		TRANS & DIST - HYDRANT MAINT	25.23
		Gasket 0228702	
Total			130.76

16662 9/20/2017 GRAINGER
Other Operating Supplies

620-00-59827-000-000		OTHER OPERATING SUPPLIES	26.62
		Safety Glasses 9541371507	

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
620-00-59827-000-000		OTHER OPERATING SUPPLIES	245.41
		Seal Kit, Disposable Gloves	9541560513
610-00-57394-000-000		TOOLS,SHOP & GARAGE EQUIP	891.00
		Tools, Impact Wrench	9539476615
610-00-57623-000-000		PUMP EXPENSE - OTHER EXPENSES	257.99
		Pressure Switch	9541560505
Total			1,421.02

16663 9/20/2017 H & H SEPTIC SERVICE, LLC
Outside Service

620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	1,500.00
		10-5000 Gal Pumped	4791
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	1,650.00
		11-5000 Gal Pumped	4801
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	1,500.00
		10-5000 Gal Pumped	4802
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	1,500.00
		10-5000 Gal Pumped	4955
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	175.00
		Brian Pumped GT	5862
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	195.00
		Pump Sludge from GT	47804
Total			6,520.00

16664 9/20/2017 HAWKINS INC
Sludge Conditioning Supplies

620-00-59825-000-000		SLUDGE CONDITIONING CHEMICALS	2,124.16
		Zetag 8846FS	4137082
Total			2,124.16

16665 9/20/2017 LOCAL GOVERNMENT INVESTMENT POOL
September

610-00-25010-000-000		Due to General Fund	4,500.00
		Deposit to 835286 Sub Acct 11	
620-00-15010-000-000		Due from/to General Fund	500.00
		Deposit to 835286 Sub Acct 11	
Total			5,000.00

16666 9/20/2017 NCL OF WISCONSIN INC
Office Supplies & Expenses

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
620-00-59851-000-000		OFFICE SUPPLIES & EXPENSES	612.25
		Hydrochloric Acid	393476
610-00-57623-000-000		PUMP EXPENSE - OTHER EXPENSES	30.85
		Buffer Solution	392766
Total			643.10
<hr/>			
16667	9/20/2017	NORTHERN LAKE SERVICE INC	
		Outside Service	
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	95.00
		Phosphorus	319345
620-00-59852-001-000		OUTSD SERV.-TEST/SLUDGE HAUL	110.00
		Phosphorus	320176
Total			205.00
<hr/>			
16668	9/20/2017	NORTHWOODS LUBE & TIRE	
		Transportation	
610-00-57933-000-000		ADMIN & GEN - TRANSPORTATION	30.99
		Oil Change	83630
Total			30.99
<hr/>			
16669	9/20/2017	NORTHWOODS SUPERIOR CHEMICAL CORP	
		Maintenance Treatment/Disposal Plant	
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	84.67
		Cleaner	168031
Total			84.67
<hr/>			
16670	9/20/2017	PROFESSIONAL HYDRAULIC JACKS	
		Maintenance Treatment/Disposal Plant	
620-00-59833-000-000		MAINT TREATMENT/DISPOSAL PLANT	33.59
		U Seal	15326
Total			33.59
<hr/>			
16671	9/20/2017	RADIO SHACK	
		Other Operating Supplies	
620-00-59827-000-000		OTHER OPERATING SUPPLIES	19.99
		Cell Case	10069622
Total			19.99
<hr/>			
16672	9/20/2017	STAAB CONSTRUCTION CORP	
		Maintenance Collection System Pump	

9/19/2017

4:18 PM

Reprint Check Register - Full Report - ALL

Page: 22
ACCT

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
620-00-59832-000-000		MAINT COLLECTION SYSTEM PUMP	10,372.20
		DNR Lift Station 7587-01	
Total			10,372.20
<hr/>			
16673	9/20/2017	TOMAHAWK BATTERY & REBUILDING LLC	
		Maint. General Plant Structure	
620-00-59834-000-000		MAINT GENERAL PLANT STRUCTURE	259.99
		Alternator 92665	
620-00-59832-000-000		MAINT COLLECTION SYSTEM PUMP	104.99
		Battery 92605	
610-00-57933-000-000		ADMIN & GEN - TRANSPORTATION	209.98
		Battery 92575	
Total			574.96
<hr/>			
16674	9/20/2017	WISCONSIN STATE LAB OF HYGIENE	
		Fluoride	
610-00-57923-000-000		ADMIN & GEN - OUTSIDE SERVICE	50.00
		Fluoride 515576	
Total			50.00
Grand Total			240,135.20

9/19/2017

4:18 PM

Reprint Check Register - Full Report - ALL

Page: 23
ACCT

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 7/21/2017 From Account:
Thru: 9/20/2017 Thru Account:

Amount

Total Expenditure from Fund # 610 - WATER FUND

119,863.80

Total Expenditure from Fund # 620 - SEWER FUND

120,271.40

Total Expenditure from all Funds

240,135.20

City of Tomahawk

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

September 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 July 21, 2017	\$	117,191.34
Credits- Cash Receipts/Transfers	\$	259,554.49
Debits - Checks	\$	(240,135.20)
Total Treasurer's Cash September 20, 2017	\$	136,610.63
State Local Government Investment Pool	\$	125,267.66
Total Cash Available	\$	261,878.29

Fund Balances:

Equipment Replacement Fund	\$	337,455.55
Clean Water Debt Fund	\$	197,599.65

Debts:

		Balance
Clean Water Fund - Matures 2035 - Interest 2.363%	\$	3,019,071.97
Next Payment \$ 35,904.76 Date 11/1/2017		
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		

Total Debt	\$	6,787,191.97
Due to General Fund from Water	\$	35,797.16
Due to General Fund from Sewer	\$	99,607.78

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 :

\$ 240,135.20

Fund: 610 - WATER FUND

Account Number		2017		2017 Budget	Budget Status	% of Budget
		2017 September	Actual 09/20/2017			
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	606.10	500.00	106.10	121.22
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	-783.42	108,264.09	200,000.00	-91,735.91	54.13
610-00-44612-000-000	MULTI FAMILY RESIDENTIAL WATER	0.00	3,704.30	7,000.00	-3,295.70	52.92
610-00-44613-000-000	COMMERCIAL WATER	-563.50	48,727.84	90,000.00	-41,272.16	54.14
610-00-44615-000-000	INDUSTRIAL WATER	0.00	48,103.05	75,000.00	-26,896.95	64.14
610-00-44617-000-000	PUBLIC AUTHORITY WATER	-27.50	6,247.28	13,000.00	-6,752.72	48.06
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	0.00	7,710.00	12,000.00	-4,290.00	64.25
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	2,748.23	19,186.44	25,000.00	-5,813.56	76.75
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	32,989.41	43,918.68	-10,929.27	75.11
610-00-44740-000-000	MISC. WATER REVENUE	120.00	240.00	500.00	-260.00	48.00
610-00-44741-000-000	RECONNECTS -MISC. SERVICE	80.00	1,080.00	1,000.00	80.00	108.00
LICENSES AND PERMITS		5,284.10	432,427.51	687,814.45	-255,386.94	62.87
610-10-49200-000-000	TRANSFER	0.00	0.00	0.00	0.00	0.00
DONATIONS		0.00	0.00	0.00	0.00	0.00
Total Revenues		5,284.10	432,427.51	687,814.45	-255,386.94	62.87

Fund: 610 - WATER FUND

Account Number		2017		2017 Budget	Budget Status	% of Budget
		2017 September	Actual 09/20/2017			
610-00-57080-000-000	TAXES	0.00	88,867.03	136,242.10	47,375.07	65.23
610-00-57081-000-000	TAXES -FICA	548.55	5,802.16	8,710.84	2,908.68	66.61
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	891.00	891.00	2,000.00	1,109.00	44.55
610-00-57403-000-000	DEPRECIATION	0.00	48,142.64	0.00	-48,142.64	0.00
610-00-57404-000-000	CONTRIBUTED DEPREC (NON-OP)	0.00	20,542.00	0.00	-20,542.00	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	0.00	18,835.56	36,546.96	17,711.40	51.54
610-00-57600-000-000	OPERATING SUPERVISION	4,728.73	42,697.09	51,761.02	9,063.93	82.49
610-00-57602-000-000	SOS MISCELANEOUS SUPPLIES	319.82	5,487.38	6,000.00	512.62	91.46
610-00-57605-000-000	MAIN OF WATER SOURCE PLANT	0.00	145.99	500.00	354.01	29.20
610-00-57620-000-000	PUMP EXPENSE - LABOR	251.60	3,103.47	3,343.90	240.43	92.81
610-00-57622-000-000	PUMP EXPENSE - FUEL/POWER	1,750.09	14,327.40	23,000.00	8,672.60	62.29
610-00-57623-000-000	PUMP EXPENSE - OTHER EXPENSES	288.84	1,961.38	2,500.00	538.62	78.46
610-00-57625-000-000	PUMP EXPENSE - MAINT OF PLANT	124.41	1,651.97	3,150.00	1,498.03	52.44
610-00-57630-000-000	WATER TREATMENT - LABOR	252.57	2,535.68	3,343.90	808.22	75.83
610-00-57631-000-000	WATER TREATMENT - CHEMICALS	0.00	24,054.20	25,000.00	945.80	96.22
610-00-57640-000-000	TRANS & DIST - LABOR	100.64	1,046.69	2,675.12	1,628.43	39.13
610-00-57641-000-000	TRANS & DIST - SUPPLIES	226.60	3,391.81	13,000.00	9,608.19	26.09
610-00-57650-000-000	TRANS & DIST - RES/STAND PIPE	201.28	6,568.91	15,000.00	8,431.09	43.79
610-00-57651-000-000	TRANS & DIST - MAINTENANCE	731.68	31,126.22	45,652.60	14,526.38	68.18
610-00-57652-000-000	TRANS & DIST - MAIN SERVICE	239.20	2,181.15	7,404.35	5,223.20	29.46
610-00-57653-000-000	TRANS & DIST - MANIT OF METERS	126.61	27,807.86	7,165.50	-20,642.36	388.08
610-00-57654-000-000	TRANS & DIST - HYDRANT MAINT	846.39	7,625.42	6,353.41	-1,272.01	120.02
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	0.00	48,500.00	48,500.00	0.00
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	248.50	6,501.19	10,676.60	4,175.41	60.89
610-00-57902-000-000	CUST A/C - COLLECTION LABOR	0.00	16,622.56	24,933.84	8,311.28	66.67
610-00-57903-000-000	CUST A/C - SUPPLIES, BILLING	120.97	808.95	1,400.00	591.05	57.78
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	720.00	1,080.00	360.00	66.67
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	348.06	47,231.17	15,000.00	-32,231.17	314.87
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	1,466.89	6,720.49	5,000.00	-1,720.49	134.41
610-00-57926-000-000	ADMIN & GEN - EMPLOYEE BENEFIT	6,534.21	64,350.54	69,806.57	5,456.03	92.18
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	0.00	750.00	750.00	0.00
610-00-57930-000-000	ADMIN & GEN--MISC EXPENSES	3.48	3,221.54	6,000.00	2,778.46	53.69
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	437.02	3,529.13	5,000.00	1,470.87	70.58
CAPITAL OUTLAY		20,787.14	509,058.97	687,421.71	178,362.74	74.05
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

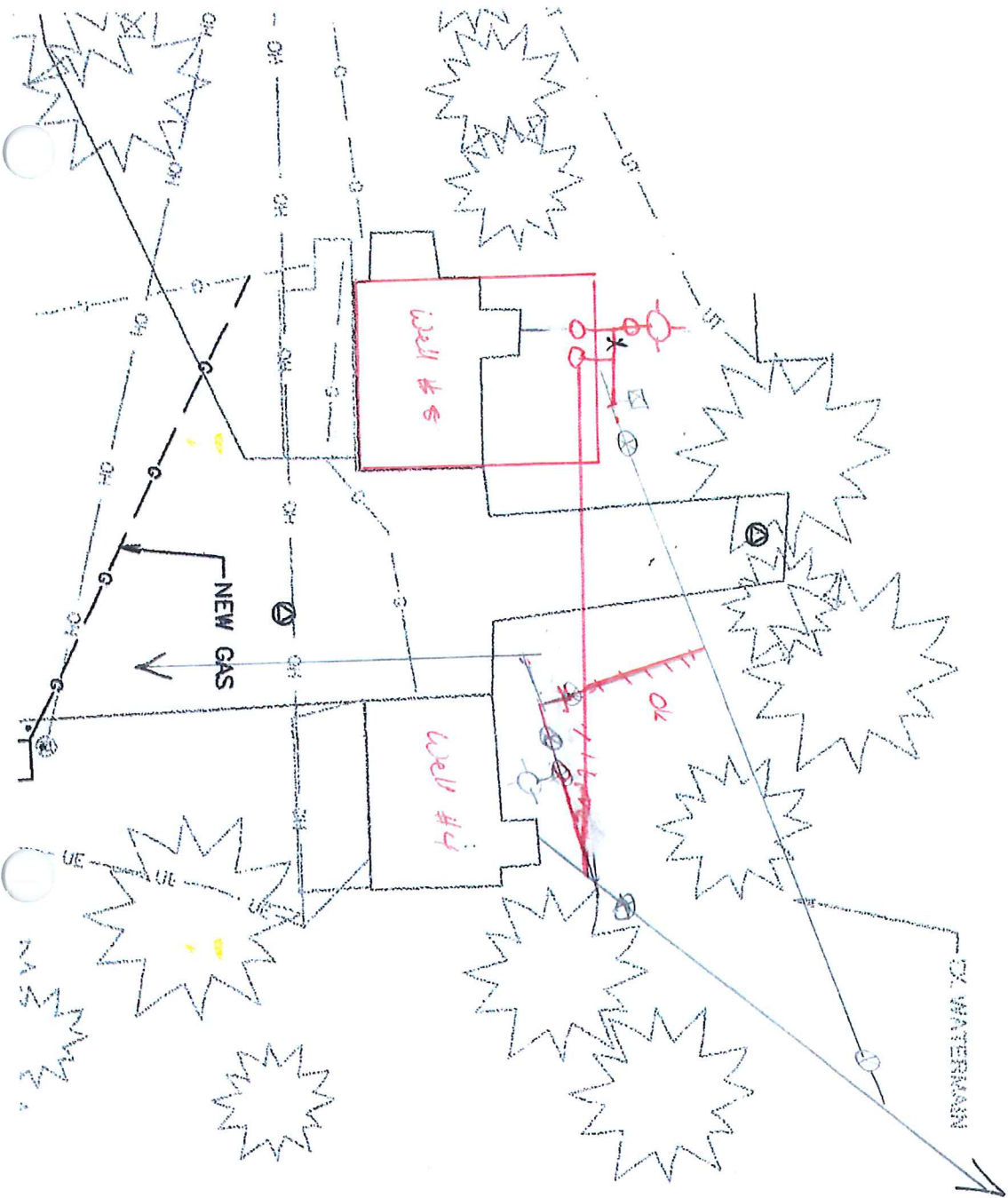
Account Number	2017	2017	2017	Budget Status	% of Budget
	September	Actual 09/20/2017	Budget		
OTHER FINANCING USES	0.00	0.00	0.00	0.00	0.00
Total Expenses	20,787.14	509,058.97	687,421.71	178,362.74	74.05
Net Totals	-15,503.04	-76,631.46	392.74	77,024.20	-19512.01

Fund: 620 - SEWER FUND

Account Number		2017		2017 Budget	Budget Status	% of Budget
		2017 September	Actual 09/20/2017			
620-00-44190-000-000	INTEREST AND DIVIDEND INTEREST	0.00	2,463.18	1,000.00	1,463.18	246.32
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	3,294.58	5,294.83	0.00	5,294.83	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
LICENSES AND PERMITS		3,294.58	7,758.01	1,520.42	6,237.59	510.25
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	-3,623.03	321,367.65	550,000.00	-228,632.35	58.43
620-00-46221-001-000	METERED MULTI FAM RES SEWER	0.00	14,233.84	25,000.00	-10,766.16	56.94
620-00-46222-000-000	METERED COMMERCIAL SEWER	-2,065.22	147,851.25	275,000.00	-127,148.75	53.76
620-00-46223-000-000	METERED INDUSTRIAL SEWER	0.00	127,745.25	140,000.00	-12,254.75	91.25
620-00-46224-000-000	METERED PUBLIC AUTHORITY	-75.26	20,683.06	40,000.00	-19,316.94	51.71
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
PUBLIC CHARGES FOR SERVICES		-5,763.51	632,918.03	1,031,100.00	-398,181.97	61.38
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
DONATIONS		0.00	0.00	0.00	0.00	0.00
Total Revenues		-2,468.93	640,676.04	1,032,620.42	-391,944.38	62.04

Fund: 620 - SEWER FUND

Account Number		2017		2017 Budget	Budget Status	% of Budget
		2017 September	Actual 09/20/2017			
620-00-59080-000-000	TAXES	0.00	0.00	0.00	0.00	0.00
620-00-59081-000-000	TAXES -FICA	1,107.68	8,944.76	14,962.35	6,017.59	59.78
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	0.00	128,949.92	0.00	-128,949.92	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	79,521.64	155,265.88	75,744.24	51.22
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	14,932.72	109,052.15	158,614.20	49,562.05	68.75
620-00-59821-000-000	POWER & FUEL FOR PUMPING	4,767.27	46,367.01	65,000.00	18,632.99	71.33
620-00-59825-000-000	SLUDGE CONDITIONING CHEMICALS	2,124.16	5,287.90	6,500.00	1,212.10	81.35
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	584.26	2,784.39	5,500.00	2,715.61	50.63
620-00-59828-000-000	OPERATION-TRANSPORTATION	117.25	9,071.77	12,500.00	3,428.23	72.57
620-00-59831-000-000	MAINT SEWAGE COLLECTIONS	137.49	1,052.78	5,000.00	3,947.22	21.06
620-00-59832-000-000	MAINT COLLECTION SYSTEM PUMP	10,547.19	34,337.01	20,000.00	-14,337.01	171.69
620-00-59833-000-000	MAINT TREATMENT/DISPOSAL PLANT	507.72	18,391.34	20,000.00	1,608.66	91.96
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	259.99	5,759.50	9,000.00	3,240.50	63.99
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	125.80	2,848.49	7,398.00	4,549.51	38.50
620-00-59840-000-000	BILLING, COLLECTING & ACCTG	120.96	22,419.99	34,000.00	11,580.01	65.94
620-00-59842-000-000	METER READING	295.72	5,356.27	10,727.10	5,370.83	49.93
620-00-59850-000-000	ADMIN & GENERAL SALARIES	0.00	720.00	13,915.00	13,195.00	5.17
620-00-59851-000-000	OFFICE SUPPLIES & EXPENSES	960.03	4,847.03	10,000.00	5,152.97	48.47
620-00-59852-000-000	OUTSIDE SERVICES EMPLOYED	0.00	9,016.87	5,000.00	-4,016.87	180.34
620-00-59852-001-000	OUTSD SERV.-TEST/SLUDGE HAUL	6,725.00	38,015.98	60,000.00	21,984.02	63.36
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	1,466.89	6,720.49	7,500.00	779.51	89.61
620-00-59854-000-000	EMPLOYEE PENSIONS & BENEFITS	6,172.08	58,422.43	66,726.06	8,303.63	87.56
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	238.07	2,541.81	5,000.00	2,458.19	50.84
OTHER FINANCING USES		51,190.28	600,429.53	1,028,950.35	428,520.82	58.35
Total Expenses		51,190.28	600,429.53	1,028,950.35	428,520.82	58.35
Net Totals		-53,659.21	40,246.51	3,670.07	-36,576.44	1,096.61



1. MATERIAL, TRANSPORT TO THE DESTINATION INDICATED, AND UNLOAD MATERIAL AS DIRECTED BY THE OWNER.
2. EXISTING UTILITIES AND PIPING ARE BASED ON OWNER INFORMATION. CONTRACTOR SHALL SPOT DIG TO VERIFY ALL HORIZONTAL AND VERTICAL LOCATIONS.
3. EXISTING DRIVEWAY AND PARKING AREA SHALL BE PATCHED WITH 1" COMPACTED BASE COURSE AND 4" OF BITUMINOUS SURFACING PLUS 2" LIFTS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING AND RESTORING ALL CONCRETE AND ASPHALT SURFACES DISTURBED BY CONSTRUCTION.

Flow meter for #4?
 valve for #4?

KEY NOTES

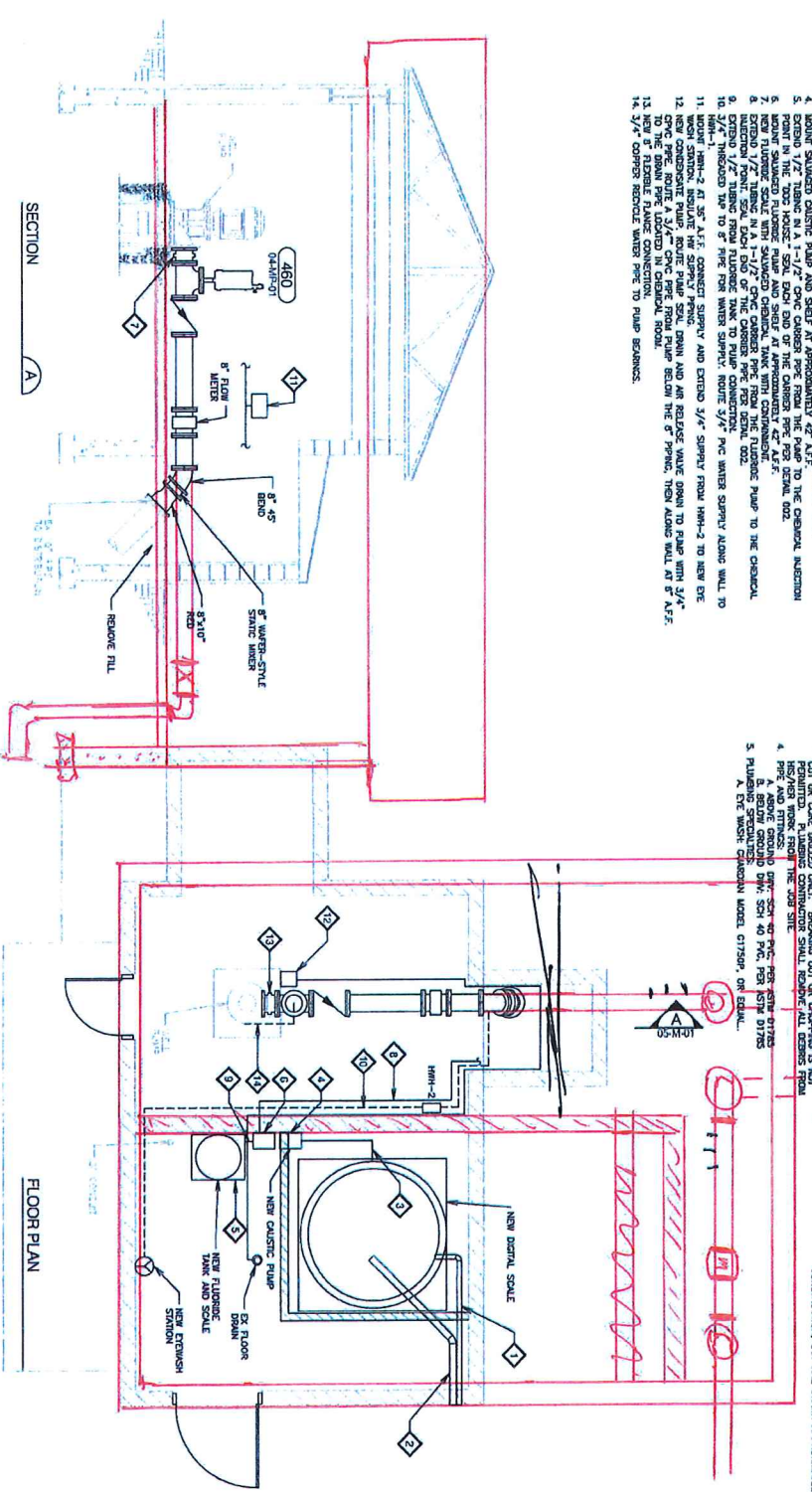
1. NEW 2" CPVC CHEMICAL FILL PIPE WITH BALL VALVE AT TANK CONNECTION. FIT WITH A S.S. QUICK CONNECT ABOVE THE WALL.
2. NEW 1" CPVC PIPE FROM CHEMICAL TANK TO OUTSIDE PUMP. SERVICE TO 1/2" TUBING FIT PUMP AND NECTI SCREEN OUTSIDE THE WALL.
3. NEW 1" CPVC PIPE FROM CHEMICAL TANK TO OUTSIDE PUMP. SERVICE TO 1/2" TUBING FIT PUMP AND NECTI SCREEN OUTSIDE THE WALL.
4. REMOVE SULLIED CHEMICAL PUMP AND SHELF AT APPROXIMATELY 4' A.F.F.
5. EXTEND 1/2" TUBING IN A 1-1/2" CPVC CHECKER PIPE FROM THE PUMP TO THE CHEMICAL INJECTION POINT.
6. NEW FLUORESC SCALE WITH SULLIED CHEMICAL TANK WITH COMPARTMENT FOR SULLIED CHEMICAL TANK AND SHELF AT APPROXIMATELY 4' A.F.F.
7. REMOVE SULLIED CHEMICAL TANK AND SHELF AT APPROXIMATELY 4' A.F.F.
8. EXTEND 1/2" TUBING FROM FLUORESC TANK TO PUMP CONNECTION.
9. EXTEND 1/2" TUBING FROM FLUORESC TANK TO PUMP CONNECTION.
10. REMOVE HWH-2 AT 3' A.F.F. CONNECT SUPPLY AND EXTEND 3/4" PVC WATER SUPPLY ALONG WALL TO HWH-1.
11. REMOVE HWH-2 AT 3' A.F.F. CONNECT SUPPLY AND EXTEND 3/4" PVC WATER SUPPLY ALONG WALL TO HWH-1.
12. NEW CONDENSATE PUMP, ROUTE PUMP SILL, DOWN AND AIR RELEASE VALVE DOWN TO PUMP WITH 3/4" CPVC PIPE. ROUTE A 3/4" CPVC PIPE FROM PUMP SILL, DOWN AND AIR RELEASE VALVE DOWN TO PUMP WITH 3/4" CPVC PIPE.
13. NEW 1" REBAR PLUMB CONNECTION.
14. 3/4" COPPER REMOVE WATER PIPE TO PUMP SERVICE.

PLUMBING NOTES

1. ALL PLUMBING WORK AND MATERIAL SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE NATIONAL PLUMBING CODE AND PROFESSIONAL SERVICES (NPS) AND LOCAL ORDINANCES.
2. SULLIED PUMPS, STRAIN SCREENS, WASTE, VENT AND WATER PIPING SHALL BE REMOVED BY THE PLUMBING CONTRACTOR IN ACCORDANCE WITH SECTION 2.2.2.2.2 OF THE SPECIFICATIONS.
3. ALL NEW PIPING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 2.2.2.2.2 OF THE SPECIFICATIONS.
4. PIPING AND FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 2.2.2.2.2 OF THE SPECIFICATIONS.
5. PLUMBING SPECIALTIES SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 2.2.2.2.2 OF THE SPECIFICATIONS.
6. REMOVE GROUND DWN, SCH 40 PVC, PER SPP 01785.
7. REMOVE GROUND DWN, SCH 40 PVC, PER SPP 01785.
8. REMOVE GROUND DWN, SCH 40 PVC, PER SPP 01785.
9. REMOVE GROUND DWN, SCH 40 PVC, PER SPP 01785.
10. REMOVE GROUND DWN, SCH 40 PVC, PER SPP 01785.
11. REMOVE GROUND DWN, SCH 40 PVC, PER SPP 01785.
12. REMOVE GROUND DWN, SCH 40 PVC, PER SPP 01785.
13. REMOVE GROUND DWN, SCH 40 PVC, PER SPP 01785.
14. REMOVE GROUND DWN, SCH 40 PVC, PER SPP 01785.

GENERAL NOTES

1. EXISTING RENOVATION SCHEM ON DRAWINGS WAS OBTAINED FOR INFORMATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF EXISTING INFORMATION AS SHOWN ON THESE DRAWINGS.
2. DRAWINGS IN GENERAL DO NOT SHOW DIMENSIONS OF EXISTING CONSTRUCTION, BUT ARE DRAWN APPROXIMATELY TO SCALE.

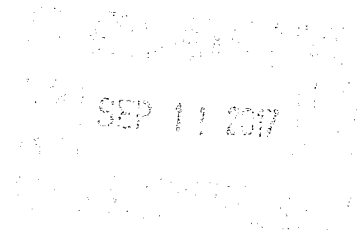




September 8, 2017

Brandon Strelow
 Operator in Charge
 23 N 2nd Street, PO Box 469
 Tomahawk, WI 54487

PWS ID#: 73501274
 Tomahawk Waterworks-MC
 Tomahawk, WI
 Lincoln County



Subject: 2017 Sanitary Survey Report and Notice of Noncompliance

Dear Mr. Strelow:

The purpose of a sanitary survey is to evaluate the water system's source, facilities, equipment, operation, maintenance, and management as they relate to providing safe drinking water. The sanitary survey is also an opportunity to update the Department's records, provide technical assistance, and identify potential risks that may adversely affect drinking water quality. This Sanitary Survey Report also serves as a Notice of Noncompliance for those deficiencies outlined below.

On 08/22/2017, I conducted a sanitary survey of your water system, Tomahawk Waterworks. During the sanitary survey Brandon Strelow and Aryn Webster were present. At the completion of the survey, Brandon was briefed on the preliminary findings. This report outlines the final findings, discusses problems that need to be addressed, and sets timelines for corrective action where appropriate.

Please make this report available to the City Council or Waterworks Commission so that the deficiencies and recommendations can be fully discussed. I would also be available to attend a council or commission meeting to discuss this report at our mutual convenience.

A plan for corrective action, including a work schedule must be completed by 10/20/2017. Please provide a letter by 10/20/2017 indicating that you agree to the timelines listed below or with justification for adjusting these timelines. Depending on the type of corrective action you employ, you may need to obtain prior approval and submit additional plans to the Department.

Significant Deficiencies

During the course of the sanitary survey, 0 significant deficiencies were identified. Significant deficiencies represent an immediate health risk to consumers and indicate noncompliance with one or more Wisconsin Administrative Codes. As such, the deficiencies listed below should be corrected as soon as possible.

Significant Deficiency	Compliance Due Date	Code Citation
1)		

Deficiencies

During the course of the sanitary survey, 4 deficiencies were identified. Deficiencies indicate noncompliance with one or more Wisconsin Administrative Codes and/or are problems in the drinking water system that have the potential to cause serious health risks or represent long-term health risks to consumers. Corrective action should be completed for these deficiencies as soon as possible.

Deficiency	Compliance Due Date	Code Citation
1) The Waterworks has an outdated Private Well Ordinance	November 1, 2017	810.16
2) The Waterworks has an outdated Cross Connection Ordinance	November 1, 2017	810.15(1)
3) The Waterworks has an outdated Emergency Operation Plan	December 1, 2017	810.23(2)
4) The chemical feed pumps for Caustic feed do not have anti-syphon devices	October 1, 2017	811.39(2)

Discussion and Schedule for Correction of Deficiencies:

1. The waterworks does have an adopted Private Well ordinance but it is out of date with current code. As stated in NR 810.16 Wisconsin Administrative Code, water suppliers for municipal water systems and communities served by a municipal water system, shall implement a program for the regulation of wells which are not part of the municipal water system and are located on premises served by the municipal water system. Regulation is required to prevent unused, unsafe and noncomplying wells from acting as vertical conduits for aquifer contamination or as sources of unsafe water that could enter the public water system through cross connections. Implementation shall be by local ordinance or utility rule. An electronic example was provided and the required change was discussed. **The Waterworks shall update their Private Well ordinance and provide a copy to the department by November 1, 2017.**
2. The Waterworks does have a Cross Connection Plan but has an outdated ordinance. As stated in NR 810.15(1) Wisconsin Administrative Code, the water supplier for every municipal water system shall develop and implement a comprehensive cross connection control program for the elimination of all existing unprotected cross-connections and prevention of all future un-protected cross connections to the last flowing tap or end-use device. The program may include providing public education materials in lieu of inspections of low hazard portions of residential or commercial facilities. Low hazard areas consist of normal kitchen and bathroom fixtures. The water supplier shall keep a current record of the cross connection control program available for annual review by the department. This program prevents possible contamination of the public water supply which protects the health of the public water supplier's customers. An example of a cross connection control ordinance was provided to the system. **The Waterworks shall update their Cross Connection Ordinance and provide a copy to the department by November 1, 2017.**
3. The Waterworks has an Emergency Operations Plan but it is no longer current in regards to personnel and contact information. As stated in NR 810.23(2), Wisconsin Administrative Code, water suppliers for each community water system shall develop a plan to prepare for, respond to, mitigate and recover from all types of emergency situations, including terrorism, sabotage, natural disasters such as floods and tornadoes, loss of system-wide pressure, and overfeed of chemicals. It is important to maintain a current response plan to help mitigate the effects of an emergency. **The Waterworks shall update their Emergency Operations Plan and provide an example to the department by December 1, 2017.**
4. The system has a chemical feed of caustic for pH adjustment which did not have anti-syphon installed for both wells. As stated in NR 811.39(2), Wisconsin Administrative Code, chemical feed pumps shall be

provided with anti-siphon devices. The type of device may vary but the lack of one could pose a risk to the consumer. They prevent gravity feed of chemical or vacuum feed of a chemical into the water line. This helps prevent a dosage being reached that is over the maximum contaminant level that is considered safe for consumption. The chances of this occurring greatly increases without installed anti-syphon devices. **The Waterworks shall install anti-syphon devices for the chemical feed pumps providing caustic to each well by October 1, 2017.**

Recommendations

During the course of the sanitary survey, 2 recommendations were identified. Recommendations are suggestions the utility should consider to improve the services provided or indicate actions necessary to avoid future deficiencies.

Recommendations
1) The Waterworks should continue to updates its system map and provide copies once completed
2) The Waterworks is recommended to update their Wellhead Protection Plan and adopt an ordinance

Discussion of Recommendations:

1. The Waterworks has not had any major addition to the system during the time of operation. There has been several replacement or upgrade projects completed for the distribution system. The Waterworks is already in the process of upgrading their system map to represent the most recent changes. As discussed the department will need 2 copies of the map once completed. **It is recommended that the Waterworks continues to update their system map and provide 2 copies to the department once complete.**
2. The Waterworks has a Wellhead Protection Plan in place at the time of the survey but did not have an adopted ordinance. Also, the current plan in place was the original plan developed when the wells were installed. The operator noted that the plan may not be adequate anymore. **It is recommended that the Waterworks update its Wellhead Protection Plan and adopt an ordinance.**

Non-conforming Features

During the course of the sanitary survey, 4 features that met code requirements at the time of your public water system's construction, but would not be allowed in the current code, were discovered. These are referred to as "non-conforming features." Though you are not required to correct these non-conforming features at this time, they will need to be corrected when any major work is done in the future.

Non-Conforming Features
1) Well 4 has a shorter than 12-inch pump base
2) The entry point sample tap is located in the water shop and not on the well discharge piping
3) Both pumphouses do not have proper floor drains
4) Both wells have grout depths of less than 60 feet

Discussion of Non-Conforming Features:

1. Well 4 has a short pump base that does not meet current code requirements. As stated in NR 811.31, Wisconsin Administrative Code, line-shaft vertical turbine pumps shall be supported by a concrete pump base which is installed to a height at least 12 inches above the pump station floor. The is to protect the casing, provide a good seal platform for the pump, and seal the gap of the well casing breaking ground surface. Also, it prevents high water from infiltrating the well unless it is a serious enough situation to rise above the pump base. **If the Waterworks every rebuilds the pumphouse or does construction work on the well which removes the pump the pump base shall be extended to match current code requirements.**
2. The current discharge piping for both wells does not have the available space for the installation of entry point sample taps. This requires the system to use the water office as the entry point tap location. As stated in NR 811.37(5), Wisconsin Administrative Code, if chemical addition, water treatment, or water storage is installed, a second entry point sampling faucet shall be installed as far downstream of the chemical injection, water treatment, or water storage as practical. If necessary to obtain a water sample representing finished water quality, a water service lateral shall be brought back into the building and fitted with a sampling faucet after being connected to the finished water main outside the building. **If the Waterworks does major maintenance or rebuilds the discharge piping for either well, or reconstructs the pumphouses for each well then an entry point sample tap shall be installed meeting all current code requirements.**
3. Both pumphouses for the system's wells do not have a proper floor drain. The buildings current drain to a hole along the edge of each floor where the discharge piping goes underground. As stated in NR 811.25, Wisconsin Administrative Code, Soil infiltration components, including french drains, are prohibited. This is to prevent the possible contamination of a water or ground source backing up into the well. **If the Waterworks ever rebuilds either pumphouse they shall install a proper floor drain as required which meets the current code requirements.**
4. The wells current in operation by the Waterworks were constructed in 1939 and 1940. Both wells have a constructed grout depth of 35 feet which is approximately half the currently required 60 feet. As stated in NR 811.12(1), Wisconsin Administrative Code, all permanent wells shall have a minimum of 60 feet of grouted protective casing, wherever practicable. Continuous disinfection shall be provided for wells with less than 60 feet of grouted protective casing. The casing helps prevent infiltration of surface water into a well. It creates a seal which limits water from a shallow depth, potentially contaminated from surface spills or leaks, from running down the casing and potentially infiltrating the well and posing a health risk to the consumer. **If the Waterworks every reconstructs their existing wells or develops a contaminant issue which is attributed to the grouted depth or grout failure the wells shall be grouted to the current code required depth.**

System Summary

Tomahawk is located in Lincoln County on State Highway 86. The water system ownership is associated with the Tomahawk City Clerk position currently held by Amanda Bartz. The water system consists of 2 wells, a storage tower, chemical feed equipment, and the distribution system.

Well 4 pumps for an average of 1.5 hours per call for water. It will operate several times per day as required by water demands for an average run time of 8 hours per day. It operates in an alternating manner with well 5 to fulfill the Cities water requirements. This is typically done through splitting the month in half. The well operates at approximately 1000 gallons per minute with only 1 foot of draw down. This is below design capacity to help lengthen the lifespan of the pump. The well is treated with caustic for a slight pH adjustment as well as a small

amount of fluoride being added. The latest maintenance on the well was a pump inspection around 2007. There has not been any significant well maintenance in many years due to extremely good water quality.

Well 5 pumps for an average of 1.5 hours per operation with a total run time of approximately 8 hours per day. It operates at a flow rate of approximately 1000 gallons per minute with only 1 foot of drawdown. Well 5 operates alternately with well 4 across a split month to supply the city with water. The well is also treated with caustic for a small pH adjustment and has fluoride added. The pump was inspected last in 2007 when well 4 had its pump inspected. There has been little to no well maintenance work in the past due to extremely good quality water.

The system has a single gravity storage tower. The tower has a storage capacity of 400,000 gallons. The tower was last inspected in July of 2017. The report is still not finalized. The tower has not been painted in many years but still has good overall condition. A few spots of peel and rust were noted but could be patched as opposed to an entire tower painting. The tower has good turnover in the winter due to elevation changes and water turnover to prevent freezing.

Reservoirs are required to be inspected by a professional engineer or professional tank inspection firm every 5 years. A reservoir inspection form 3300-248 and copies of any inspection report, video or photos are required to be submitted to the department after the tank inspection is completed in accordance with s. NR 810.14(4) Wis. Adm. Code. It should be noted that for all reservoirs, an annual inspection of the vent and overflow screens as well as the hatch needs to be performed on an annual basis. This can be done by the operator or contractor and is best documented with digital photographs.

Auxiliary power is current provided to well 5 via a right angle drive unit. The unit is maintained and logged per operation. The operation cycle at current is operation monthly and under load quarterly.

All hydrants are known to have fire flow capabilities. Fire flow studies are done each year during flushing. The Waterworks measures each hydrant during flushing for flow and pressure requirements. The system does have some undersized main but no hydrants are located along these sections. If a hydrant is ever found to be without proper fire flow capabilities, it shall be marked and the fire chief notified.

A water system summary, based on the information available in our data system, is attached. Please review this information for accuracy. If there are changes that need to be made, contact Aryn Webster at (715) 365-8846.

Water Quality Monitoring and Reporting

The Waterworks has a good overall monitoring and reporting record. Bacteriological samples have been submitted on a timely basis and all Safe Drinking Water Act samples have been submitted as required. Bacteriological samples are required to be evenly distributed throughout the month. The monthly reports are completed and submitted on a timely basis using the required Electronic Monthly Operating Report format.

Whenever the Waterworks uses chemical injection, the daily amount of chemical used must be reported on the monthly report. In addition, for chlorine, the free chlorine residual must be tested in the distribution system at least twice each week and recorded on the monthly report in the columns provided.

Updated sampling site plans for Bacteriological sampling, Disinfection By-products sampling and Lead and Copper sampling are on file with the department as required. All compliance sampling must be done at the approved sites and the monitoring ID assigned to the sampling point must be recorded on the sampling forms. If monitoring sites are added or dropped from the list, the department must be notified to keep our records up to date.

Brandon said complaints were very rare due to the great water quality.

Required Reports, Records, and Utility Programs

The Waterworks does have a cross connection control ordinance and program in place. However, the ordinance is out of date. An example cross connection ordinance and program was provided to the Waterworks and discussed. All cross connection inspections are kept on record.

The Waterworks has a private well ordinance but it is out of date with current code requirements. An example ordinance was provided as an example or for direct use and the required updates were discussed. The waterworks does not know of any private wells in use at this time. The Waterworks is encouraged to keep looking for private wells; cross connection inspection are a good opportunity to identify unknown private wells. All private Wells are required to be permitted or abandoned within the Waterworks and the permits be kept up-to-date.

The Emergency Response Plan (ERP) that the Waterworks currently has is out of date in regards to personnel and contact information. The waterworks should keep the plan up-to-date to provide smooth guidance if an emergency does occur. Also, it is encouraged that the Waterworks trains new employees on the plan and practices the plan every 2 years. The revised total coliform rule has changed the way positive bacti check samples are dealt with. A new system using assessments are now used in which a Level 1 Assessment is completed for a bacti confirmation by the operator.

The Waterworks flushes all hydrants once per year and dead ends additionally as needed. Records are kept within log books for each valve of exercising days as well as any maintenance needs.

Valves are operated separately each year. With the number of valves within the system the Waterworks operates roughly 25 percent of all valves each year. Valve records are being kept and logged for each valve. These records include location records via drawings. It is important to maintain accurate records on the location of each valve along with the maintenance record and specification. Record keeping for valves and hydrants is required to insure routine scheduling and performance in accordance with s. NR 810.13 Wis. Adm. Code.

The Waterworks currently has a Wellhead Protection Plan for both wells. The municipality is required to have protection plans for all wells prior to their use. The current plan is old and it is recommended that it is revisited and revised for current conditions. The Sanitary District does not have a Wellhead Protection Ordinance in place to supplement the Wellhead program. An ordinance gives the municipality additional authority to enforce its protection plan. The ordinance is not required but makes it much easier to deal with potential problems associated with construction within the wellhead area.

Certified Operator

The current operator in charge (OIC) is Brandon Strelow. He is certified grade 1 in groundwater and distribution. His certification is set to expire on 11/01/2018. Additionally, Rich Thiemer, Bill Jelinek, and Dave Van DeWeerd also hold certification for water. The additional certified operators provide redundancy within the position allows for coverage during many situations.

Lead and Copper Monitoring

Home owners should be advised to remove and clean aerators on a regular basis, but not prior to the collection of the lead and copper samples. Flushing of the lines six hours or less prior to collection of the sample is also not allowed by the Lead and Copper Rule. Samples should be collected under normal conditions, after the water sits for at least 6 hours. Please advise your owners of samples location of these recommendations and requirements.

Homes with lead service lines are Tier 1 sites and should be included in the water systems monitoring plan if any part of the service is lead. This includes the gooseneck, the Utility portion, or the customer's portion.

Homeowners with lead service lines should be strongly encouraged to replace their portion of the line at the same time the Utility replaces their portion. If lead is detected within the home at levels of 15 ug/L or greater, we ask that the homeowners be notified within 24 hours, even if the code requirement is 30 days.

The US EPA has informed the department that it will be revising the Lead and Copper Rule. Our recommendations are based on discussions with the US EPA. The department is also increasing efforts to reduce the consumer's exposure to any amount of lead within their drinking water. The department is asking that all water systems review their lead and copper sites to ensure that all locations (kitchen or bathroom sinks) are appropriate and that sites meet the tier criteria.

Water System Security

The Waterworks is encouraged to continue improving the security of their water system and also conduct daily security checks of the entire drinking water system to insure doors are locked, windows are secured and nothing has been tampered with. The hatches on the well houses need to be kept locked at all times. Vigilance is important to insure any occurrence out of the ordinary related to the water system is followed up on immediately.

Capacity Development Evaluation

This sanitary survey serves as an evaluation of the capabilities of your water system. This system has been determined to have adequate technical, managerial and financial capacity to provide safe drinking water. The ability to plan for, achieve, and maintain compliance with applicable drinking water standards has been demonstrated.

The next sanitary survey of your system is scheduled to take place in 2020. The designated operator in charge will be contacted prior to the survey to schedule a date that is convenient.

Required Action

Please respond by 10/20/2017 with notification that all deficiencies have been corrected, or that you agree to correct the deficiencies identified in this letter by the due dates, or with alternative dates for correcting these deficiencies. Failure to respond to this letter by 10/20/2017 may result in enforcement activities.

I would like to thank Brandon for his time and cooperation during the inspection. If there are any questions concerning this report, please feel free to contact me at (715) 365-8846. I would also be available to attend a City Council or Water Commission meeting at our mutual convenience to discuss this report.

Sincerely,



Aryn Webster
Water Supply Engineer

Enclosure

cc: Bureau of Drinking Water/Groundwater - DG/5
Mark Pauli, Rhinelander
Regional File, Rhinelander

Water System Summary Information

System ID: 73501274

System Name: TOMAHAWK WATERWORKS

County: Lincoln

Type: Municipal Community

Basin: Wisconsin River (upper)

Population: 3770

Service Connections: 1500

Owner: TOMAHAWK CITY CLERK- AMANDA L BARTZ

CITY HALL - 23 N 2ND ST

PO BOX 469

Tomahawk, WI 54487

(715) 453-4040 clerk-treasurer@cityoftomahawk.com

Date Security VA Complete:

Date ERP Complete: 12/10/2003

Date ERP Last Exercised/Updated: 04/01/2014

Emergency Phone: (715) 453-2404

Emergency Fax:

Emergency E-mail: brandon.strelow@cityoftomahawk.com

Certified Operators

Name	Lic. #	Expires	Phone/Fax/E-mail	Address 1	Address 2	City, State, Zip
WILLIAM JELINEK	32030	05/01/2020	(715) 966-0471BJJELINEKTWD@FRONTIER.COM	N9853 KINGS RD		TOMAHAWK, WI 54487
BRANDON STRELOW	35722	11/01/2018	() -brandon.strelow@cityoftomahawk.com	N8103 COUNTY ROAD E		TOMAHAWK, WI 54487
RICHARD THIEMER	35608	05/01/2018	(262) 689-6554r.thiemer.iii@gmail.com	11128 OLD 8		TOMAHAWK, WI 54487
DAVID VAN DE WEERD	33323	05/01/2020	(715) 966-6816davewdv@hotmail.com	N7156 COUNTY ROAD H		IRMA, WI 54442

Affiliations

Name	Affiliation	Start Date	End Date	Primary?	Phone
BRANDON STRELOW	SAMPLER	07/10/2017		Y	715-453-2404
TOMAHAWK CITY CLERK- AMANDA L BARTZ	PLAN_CON	04/23/2007		Y	715-453-4040
TOMAHAWK CITY CLERK- AMANDA L BARTZ	OWNER	01/01/1960		Y	715-453-4040
BRANDON STRELOW	EMERGENCY	06/20/2016		Y	715-453-2404

Name	Affiliation	Start Date	End Date	Primary?	Phone
ARYN WEBSTER	DNR_REP	07/11/2016		Y	715-365-8846

Entry Points and Sources of Water (Basic Data)

Source ID	Name	WUWN	Status	Type	Source	Depth	Cased	Grouted
4	Waterworks Road # 4	BG208	Active	ENTRY PT/SOURCE	Ground Water Source	77	54	35
5	Waterworks Road # 5	BG209	Active	ENTRY PT/SOURCE	Ground Water Source	75	40	35

Entry Points and Sources of Water (Misc. Data)

Source ID	PLSS	Lat./Long.	Pump Cap.	Pump Type	Lube	Aux. Power?
4	T34, R6E, S3, Q-SW QQ-NW	45.45980N x 89.73081W	1000	Vertical_Turbine	Water	No
5	T34, R6E, S3, Q-SW QQ-NW	45.45978N x 89.73104W	1000	Vertical_Turbine	Water	Yes

Storage

ID/Location	Type	Vol. (gal)	Firm Pumping Capacity (gpm)	Height to Overflow (ft.)	Overflow Elev. (sea-level, ft.)	Aux. Power?	Mfg.	Model
Tower	ELEVATED TANK	400000		155		No		

Booster Stations

ID/Location	Type	Firm Pumping Capacity (gpm)	Aux. Power?
None			Unknown

System Interconnects

ID/Location	Type	Capacity (gpm)	Metered?	Chemical Injection Capable?
None			Unknown	Unknown

Treatment Summary Data

Source ID	Type	Description	Begin	End	Objective(s)	Pump Model	Cap.	Stroke %	Speed %	Sol. Tank Cap.	Dil. Ratio	Comments
4	380	Fluoridation	01/01/1960		Other							
4	740	pH Adjustment	01/01/1960		Corrosion Control							
5	380	Fluoridation	01/01/1960		Other							
5	740	pH Adjustment	01/01/1960		Corrosion Control							

System Evaluation Summary

Inspector/Reviewer	Date	Report Date	Type	Agency	Response Due	Response Recd
Webster, Aryn	08/22/2017	09/08/2017	SURVEY	DNR	10/20/2017	
DOBBINS, WILLIAM	08/26/2014	09/11/2014	SURVEY	DNR	10/24/2014	
DOBBINS, WILLIAM	08/17/2011	09/09/2011	SURVEY	DNR	10/24/2011	
DOBBINS, WILLIAM	11/05/2007	11/19/2007	SURVEY	DNR		
DOBBINS, WILLIAM	09/21/2006		ANNUAL	DNR		
DOBBINS, WILLIAM	04/15/2005	04/22/2005	ANNUAL	DNR		
DOBBINS, WILLIAM	04/14/2004	04/26/2004	ANNUAL	DNR		
DOBBINS, WILLIAM	05/15/2003	05/16/2003	SURVEY	DNR		
DOBBINS, WILLIAM	02/28/2002	03/18/2002	ANNUAL	DNR		
DOBBINS, WILLIAM	04/30/2001	05/10/2001	ANNUAL	DNR		
DOBBINS, WILLIAM	01/28/2000	02/14/2000	ANNUAL	DNR		
DOBBINS, WILLIAM	02/09/1999	03/12/1999	ANNUAL	DNR		
DOBBINS, WILLIAM	02/12/1998	03/24/1998	SURVEY	DNR		
FALKOWSKI, GLENN	10/25/1995		ANNUAL	DNR		
	10/28/1992		ANNUAL	DNR		
	11/14/1990		SURVEY	DNR		

Bacteriological Sampling History

Year	Distribution Safe	Distribution Unsafe	Confirmed Unsafe	Missed Samples	Raw Safe	Raw Unsafe	Fecal Positive?
2017	32			0			N
2016	48			0			N
2015	48			0			N
2014	48			0			N
2013	48			0			N
2012	48			0			N
2011	48			0			N

Chemical Sampling History

Year	Sample Group	Source ID	Samples Taken	Missed Samples	MCL Violations
2017	FLUORIDE		8	0	0
2016	NITRATE	4	1	0	0
2016	NITRATE	5	1	0	0
2016	FLUORIDE		12	0	0
2015	NITRATE	4	1	0	0
2015	NITRATE	5	1	0	0
2015	FLUORIDE		12	0	0
2014	VOC	4	1	0	0
2014	RAD	5	1	0	0
2014	VOC	5	1	0	0
2014	PBCU		20	0	0
2014	IOC	5	1	0	0
2014	RAD	4	1	0	0
2014	FLUORIDE		12	0	0
2014	IOC	4	1	0	0
2013	NITRATE	4	1	0	0
2013	NITRATE	5	1	0	0
2013	FLUORIDE		12	0	0
2012	NITRATE	4	1	0	0
2012	NITRATE	5	1	0	0
2012	FLUORIDE		12	0	0
2011	VOC	4	1	0	0
2011	VOC	5	1	0	0
2011	PBCU		20	0	0
2011	IOC	5	1	0	0
2011	SOC	5	1	0	0
2011	FLUORIDE		12	0	0
2011	IOC	4	1	0	0
2011	SOC	4	1	0	0

Sample Group	Last Sampled
BACTI	2017
FLUORIDE	2017
RAD	2014
IOC	2014
PBCU	2014
NITRATE	2016

Sample Group	Last Sampled
VOC	2014
SOC	2011

MCL Violations

Source ID	Contaminant	Concentration	MCL	Units	Viol. Start	Viol. End	Continuing Operation?
-----------	-------------	---------------	-----	-------	-------------	-----------	-----------------------

None

Definitions

MCL = Maximum Contaminant Limit (as set by the Environmental Protection Agency (EPA))

BACTI = Bacteriological Sample

IOC = Sample for Inorganic Compounds

NITRATE = Nitrate Sample

PBCU = Lead and Copper Sample

RAD = Sample for Radioactivity

SOC = Sample for Synthetic Organic Compounds

VOC = Sample for Volatile Organic Compounds

FLUORIDE = Fluoride from Fluoridation

TTHM = Total Trihalomethane Sample

AN ORDINANCE TO AMEND THE CITY OF TOMAHAWK MUNICIPAL CODE BY AMENDING CHAPTER
98 UTILITIES, ARTICLE IV WATER

The Common Council of the City of Tomahawk, Wisconsin does ordain as follows:

Chapter 98 Utilities, Article IV Water is hereby amended as follows:

Article IV. Water

Division 1. Generally

Sections 98-101 – 98-120. Reserved.

Division 2. ~~Private-Well Abandonment~~ and Well Operation Permit

Section 98-121. Purpose.

To protect public health, safety and welfare and to prevent contamination of water supplies by assuring that unused, unsafe or noncomplying wells or wells which may act as conduits for contamination of groundwater or wells which may be illegally cross-connected to the municipal water system, are properly maintained or properly filled-and-sealed.

~~To prevent contamination of groundwater and to protect public health, safety and welfare by ensuring that unused, unsafe or noncomplying wells which may serve as conduits for contamination or wells which may be illegally cross connected to the municipal water system, are properly abandoned.~~

Section 98-122. Applicability.

This article applies to all wells located on premises served by the municipal water system. Communities outside the jurisdiction of a supplying municipal system are also required by code, contract agreement, or utility rule to adopt and enforce equivalent ordinance within their jurisdictions for purpose stated in Section 98-121 above.

Section 98-123. Definitions.

The following words, terms and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

Communities served means any jurisdiction having customers supplied by a municipal water system as retail or wholesale customers, including those outside the jurisdiction of the supplying system.

Municipal Water System means a community water system owned by a city, village, county, town, town sanitary district, public inland lake and rehabilitation district, municipal water district or a federal, state, county or municipal owned institution for congregate care or correction, or a privately owned water utility serving the forgoing. ~~a system for the provision to the public of piped water for human consumption when such system has at least 15 service connections or regularly serves at least 25 year-round residents owned or operated by a city, village, county, town, town sanitary district, utility district~~

~~or public medical institution as defined in Wisconsin Statute § 49.43(10m), or a privately owned water utility serving any of the above.~~

Non-Complying means a well or pump installation which does not comply with the provisions of Wisconsin Administrative Code, NR, 812.42, Standards for Existing Installations, and which has not been granted a variance pursuant to Wisconsin Administrative Code, NR, 812.43, Chapter 141, in effect at the time the well was constructed, a contamination source was installed, the pump was installed or work was done on either the well or pump installation.

Pump Installation means the pump and related equipment used for withdrawing water from a well including the discharge piping, the underground connections, pitless adapters, pressure tanks, pits, sampling faucets and well seals or caps.

Served by means any property having a water supply pipe extending onto which is connected to the municipal water system.

Unsafe means a well or pump installation which produces water which is bacteriologically contaminated or contaminated with substances in exceedance of the standards of Wisconsin Administrative Code, NR, Chapters 140 109 or 809 1401, or for which a Health Advisory has been issued by the Department of Natural Resources.

Unused means a well or pump installation which is not in use or does not have a functional pumping system.

Well means a dillhole or other excavation or opening deeper than it is wide that extends more than 10 feet below the ground surface constructed by the purpose of obtaining groundwater. ~~an excavation or opening into the ground made by digging, boring, drilling, driving, or other methods of the purpose of obtaining groundwater for consumption or other use.~~

Well Abandonment means the filling and sealing or decommissioning of a well according to the provisions of Wisconsin Administrative Code, NR, Chapter 812.26 141.

Section 98-124. Well Abandonment Required.

All wells located on premises served by the municipal water system shall be abandoned in accordance with the terms of Section 98-126 of this article and Wisconsin Administrative Code, NR, Chapter 141, by January 1, 1992, or no later than one year from the date of connection to the municipal water system, or discovery or construction of a well, unless a valid well operation permit has been issued to the well owner by the City under the terms of Section 98-125. ~~whichever occurs last, unless a well operation permit has been obtained by the well owner from the city.~~

Section 98-125. Well Operation Permit.

Owners of wells on premises served by the municipal water system shall make application for a well operation permit for each well no later than 1 year after connection to the municipal water system or date of discovery or construction of a well. The City shall grant a permit to a well owner to operate a well for a period not to exceed 5 years providing all conditions of this section are met. A well operation permit may be renewed by submitting an application verifying that the conditions of this section are met. The City or its agent, may conduct inspections and water quality tests or require inspections and water quality tests to be conducted at the applicant's expense to obtain or verify information necessary

for consideration of a permit application or renewal. Permit applications and renewals shall be made on forms provided by the Clerk. All initial and renewal applications must be accompanied by a fee of \$
The city may grant a permit to a private well owner to operate a well for a period not to exceed five years providing the conditions of this section are met. An owner may request renewal of a well operation permit by submitting information verifying that the conditions of this section are met. The city, or its agent, may conduct inspections or have water quality tests conducted at the applicant's expense to obtain or verify information necessary for consideration of a permit application or renewal. Permit applications and renewals shall be made on forms provided by the clerk. The following conditions must be met for issuance or renewal of a well operation permit:

The following conditions must be met for issuance or renewal of a well operation permit:

- (1) The well and pump installation shall comply with the *Standards for Existing Installations* described in the meet or are upgraded to meet the requirements of Wisconsin Administrative Code, NR, Chapter 812.42 ~~141~~ or repaired and comply with current standards. Compliance shall be verified by inspection for initial issuance of a permit and every 10 years thereafter. Inspections shall be conducted by a Wisconsin licensed well driller or pump installer and documentation on inspection report form DNR #3300-221, be submitted to the Clerk.
- (2) The well construction and pump installation shall have a history of producing bacteriologically-safe water as evidenced by a certified lab report for at least 1 coliform bacteria sample collected within the prior 30 days, and submitted to the Clerk. In areas where the Department of Natural Resources (DNR) has determined that ground water aquifers are contaminated with substances other than bacteria, additional chemical tests may be required to document the safety of the water. at least two samplings taken a minimum of two weeks apart. No exception to this condition may be made for unsafe wells, unless the department of natural resources approves, in writing, the continued use of the well.
- (3) There are no cross connections or interconnection between the well's pump installation or distribution piping well and pump installation and the municipal water system unless approved by the utility and DNR.
- (4) The proposed use of the well and pump installation can be justified as being necessary in addition to water provided by the municipal water system.
- (5) The private well shall have a functional plumbing system or other complying means of withdrawing water.
- (6) The proposed use of the private well shall be justified as responsible in addition to water provided by the municipal water system.

Section 98-126. Abandonment Procedures

- (1) All wells abandoned under the jurisdiction of this ordinance division or rule shall be filled and sealed abandoned according to the procedures and methods of Wisconsin Administrative Code, NR, Chapter 812.26. ~~141~~. All debris, pump, piping, unsealed liners and any other obstructions which may interfere with sealing operations shall be removed prior to abandonment.

- (2) All well filling-and-sealing under jurisdiction of this ordinance shall be performed by or under the supervision of a Certified Water Operator employed by the City of Tomahawk or by a Wisconsin licensed Well Driller or Pump Installer per Wisconsin Statute 280.30.
- (3) The owner of the well, or the owner's agent, shall notify the clerk at least 48 hours prior to commencement of any well abandonment activities. The abandonment of the well shall be observed by the personnel of the City of Tomahawk. ~~city building inspector or the superintendent of the city water and sewer utility.~~
- (4) A well filling-and-sealing report form DNR#3300-005, supplied by the Department of Natural Resources, shall be submitted by the well owner to the Clerk and Department of Natural resources within 30 days of the completion of the well abandonment. ~~An abandonment report form, supplied by the department of natural resources, shall be submitted by the well owner to the clerk and the department of natural resources within 30 days of the completion of the well abandonment.~~

Section 98-127. Penalties.

Any well owner violating any provision of this ~~ordinance division~~ shall upon conviction be punished as provided in Section 1-14. Each day of violation is a separate offense. If any person fails to comply with this ordinance for more than 30 days after receiving written notice of the violation, the City may impose a penalty and cause the well abandonment to be performed and the expense to be assessed as a special tax against the property. ~~If any person fails to comply with this division for more than ten days after receiving written notice of the violation, the municipality may impose a penalty and cause the well abandonment to be performed and the expense to be assessed as a special tax against the property.~~

Section 98-128 – 98-135. Reserved.

Division 2. Cross Connection Control

Section 98-136. Definitions.

Cross connection means any physical connection or arrangement between two otherwise separate systems, one of which contains potable water for the City of Tomahawk's public water system, and the other of which contains water from a private source, water of unknown or questionable safety, or steam, gases, or chemicals, whereby there may be a flow from one system to the other, with the direction of flow depending on the pressure differential between the two systems.

Section 98-137. Unprotected Cross Connection Prohibited.

No person, firm or corporation may establish or maintain, or permit to be established or maintained, any unprotected cross connection. Cross connections shall be protected as required in Chapter SPS 382, Wisconsin Administrative Code.

Section 98-138. Inspection.

The water utility may inspect, or arrange for an inspection of, property served by the public water system for cross connections. As an alternative, the water utility may require a person, firm or corporation who owns, leases, or occupies property to have their plumbing inspected, at their own expense by a State of Wisconsin Certified Cross Connection Inspector/Surveyor. The frequency of inspections shall be established by the water utility in accordance with the Wisconsin Administrative

Code. Any unprotected cross connections identified by the inspection shall be promptly corrected. Failure to promptly correct any unprotected cross connection shall be sufficient cause for the water utility to discontinue water service to the property, as provided under Section 98-141 of this Division.

Section 98-139. Right of Entry.

Upon presentation of credentials, a representative of the water utility shall have the right to request entry, at any reasonable time, to a property served by a connection to the public water system for the purpose of inspecting the property for cross connections. Refusing entry to such utility representative shall be sufficient cause for the water utility to discontinue water service to the property, as provided under Section 98-141 of this Division. If entry is refused, a special inspection warrant under Section 66.0119 of Wisconsin Statutes may be obtained.

Section 98-140. Provision of Requested Information.

The water utility may request an owner, lessee, or occupant of property served by a connection to the public water system to furnish the water utility with pertinent information regarding the piping systems on the property. Refusing to provide requested information shall be sufficient cause for the water utility to discontinue water service to the property, as provided under Section 98-141 of this Division.

Section 98-141. Discontinuation of Water for Violation.

The water utility may discontinue water service to any property wherein any unprotected connection in violation of this division exists, and take other precautionary measures deemed necessary to eliminate any danger of contamination of the public water system. Water service may be discontinued, however, only after reasonable notice and opportunity for hearing under Chapter 68, Wisconsin Statutes, except as provided in Section 98-142 of this Division. Water service to such property shall not be restored until the unprotected cross connection has been eliminated.

Section 98-142. Emergency Discontinuance.

If it is determined by the water utility that an unprotected cross connection or emergency endangers public health, safety or welfare, and requires immediate action, and if a written finding of that effect is filed with the City Clerk and delivered to the customer's premises, water service may be immediately discontinued. The customer shall have an opportunity for hearing under Chapter 68, Wisconsin Statutes, within ten (10) days of such emergency discontinuance. Water service to such property shall not be restored until the unprotected cross connection has been eliminated.

Section 98-143-155. Reserved.

This Ordinance shall take effect and be in force from and after its passage and publication.

PASSED and APPROVED this _____ day of _____, 2017.

Moved: _____

Mayor Steve Taskay

Second: _____

Passed: _____

Clerk-Treasurer Amanda L. Bartz