

AGENDA
NORTH SHORE WATER COMMISSION

400 West Bender Road
Glendale, WI 53217
Wednesday, August 16, 2017
8:00 A.M.

1. Call to order by the Chairman.
2. Approval of the minutes of the July meeting.
3. Monthly report of plant operations.
4. Discussion of annual operating budget.
5. Approval of monthly bills and estimated invoices.
6. Status report of current capital projects. Action may be taken to approve capital expenditures pertaining to the projects and authorize payment to vendors.
7. Possible action may be taken to continue the internship program and retain an intern during the Fall semester.
8. Discussion and possible action to authorize renewal of causality and property insurance policies.
9. Discussion of the preliminary 2018 Operation and Maintenance Budget and 2018 Capital Improvement Budget.
10. Discussion of possible open house in September.
11. Discussion of possible amendments to the Commission's 1957 founding agreement and plan for taking them to the member municipalities. Possible action may be taken regarding this matter.
12. Manager's report.
13. Date and time of the next regular Commission Meeting.
14. Adjournment.

**MINUTES OF THE
NORTH SHORE WATER COMMISSION
MEETING OF Wednesday, July 12, 2017**

A meeting of the North Shore Water Commission was held at the Filtration Plant, 400 West Bender Road, Glendale, Wisconsin on Wednesday, July 12, 2017.

Meeting was called to order at 8:02 A.M. by Mr. Botcher.

Present: Dave Eastman, Secretary; John Edlebeck, Member; Scott Botcher, Alternate for Fox Point

Also present: Eric Kiefer, Plant Manager & Recording Secretary; Rachel Reiss, Alternate for Glendale

Absent: Paul Boening, Alternate for Whitefish Bay

No Commissioner has been appointed by the Village of Fox Point to succeed Mr. West at this time.

MINUTES

It was moved by Mr. Eastman, seconded by Mr. Edlebeck, and unanimously carried to approve the minutes for the meeting held June 14, 2017.

MONTHLY REPORT OF PLANT OPERATIONS

Mr. Kiefer provided the Commission with the monthly report of operations. He mentioned that pumpage is down for the year and that July appears to be colder and wetter than normal. Mr. Botcher asked what kind of impact that will have on the Commission. Mr. Kiefer explained that revenue will not change for the Commission; however, each member community will be affected. He explained that it is likely that the Commission will pump 30 to 40 million gallons less this year than the previous year. Consequently, each member will likely experience a loss of revenue due to a decline in sales.

The report was placed on file without any motion.

ANNUAL OPERATING BUDGET

Mr. Kiefer presented the monthly financial reports and they were put on file without motion.

MONTHLY BILLS

It was moved by Mr. Eastman, seconded by Mr. Edlebeck, and unanimously carried that the following payments be approved and authorization was given to the Fiscal Agent to make such payments:

<u>Vendor</u>	<u>Amount</u>
A.C. Engineering (high voltage maintenance)	2,246.70

Alexander Chemical (treatment chemicals: aluminum sulfate and sodium hypochlorite)	5,145.95
Badger Instrument Service (annual lab equipment calibration)	256.80
Batteries Plus (lamps)	73.75
BMO Harris Bank (credit card)	168.64
-- Amazon (storage boxes, tubing fittings, and submersible pump): \$41.80	
-- Google (monthly charge for Google Suite Basic): \$54.16	
-- Straight Talk (monthly phone plan - Foreman): \$45.99	
-- USPS (postage): \$26.69	
Cintas (uniforms)	281.28
City of Milwaukee (water standby service)	1,350.00
Concentra (respirator fit testing)	460.00
Diversified Benefit Services (Section 125 Plan administration)	95.46
Earthlink (Bender phone)	154.61
Eurofins (compliance monitoring)	380.00
Fuchs & Boyle (legal service)	380.25
Glendale Water Utility (environmental charge and storm water charge)	591.60
Grainger (threaded rod, UPS for computer, bottles, janitorial supplies, first aid supplies, boots, brushes, turbidity standard, floor striper, hardware, grease, barricade sign, cones, and penetrating oil)	1,148.91
Great America (lease payment for copier/printer)	100.00
Hawkins (treatment chemicals: aqueous ammonia and phosphate)	2,614.27
Heritage (checks)	439.25
Home Depot (galvanized pipe)	9.98
McMaster-Carr (steel angle)	118.56
Minnesota Life / Securian (employee life insurance)	128.92
MMSD (2nd quarter sludge disposal)	1,327.10
Nalco (treatment chemical: Veligon TL-M)	1,996.89
Northern Lake Service (compliance monitoring)	627.00
Office Copying Equipment (maintenance payment for copier/printer)	35.20
Rotroff Jeanson (monthly accounting services)	1,010.00
Spanning Cloud Apps (Google Apps backup user)	33.56
Spectrum Business (internet services and Klode phone)	401.45
T-Mobile (mobile internet)	31.05
US Cellular (cellular phone service)	5.95
USA Bluebook (Standard Methods 23rd ed. and thermometer)	406.54
Vacuum, Pump, and Compressor (oil and separator)	676.29
Village Ace Hardware (putty knife, scraper, herbicide, MAP gas, and sledge hammer)	114.24
Village of Fox Point (gasoline)	145.88
Village of Whitefish Bay Water Utility (Klode Park water bill)	226.13
We Energies (Bender Electric)	14,760.01
We Energies (Bender Gas)	406.88
We Energies (Green Tree Electric)	16.53
We Energies (Henry Clay Electric)	17.60
We Energies (Klode Electric)	4,262.36
We Energies (Klode Gas)	14.01
Wilkens-Anderson (squeeze bottles and turbidity standard)	431.22

Wisconsin State Lab of Hygiene (fluoride analysis)		25.00
Xylem Water Solutions (nitrile caps for sandwash system)		1,056.19
	SUB-TOTAL	\$44,172.01
<u>Maintenance Reserve</u>		
	SUB-TOTAL	\$0.00
	TOTAL	\$44,172.01

CAPITAL PROJECTS

Mr. Kiefer provided the Commission with three payment requests. The first was for SCADA software. He explained that programming of the new system started and everything is working as planned.

The second was for filter valve actuators. He explained that the filter valve actuators include custom brackets that were manufactured by Swanson Flo to allow the new equipment to mount on the old valves.

Lastly, there was a payment request for the truck decal placed on the new truck.

It was moved by Mr. Edlebeck, seconded by Mr. Eastman, and unanimously carried to approve the payment request for the SCADA Upgrade Project in the amount of \$25,570.25, the payment request for the Filter Improvements Project in the amount of \$22,172.35, and the payment request for the Truck Replacement Project in the amount of \$176.89 as per Mr. Kiefer’s memos dated July 12, 2017.

OPEN HOUSE

Responding to the Commission’s recommendation brought up at the June meeting, Mr. Kiefer discussed the possibility of providing tours and open house of the water filtration plant in September.

The Commission collectively was supportive of the concept. In discussion, the Commission talked about when the event should be held and who should be invited. It was the consensus of the Commission that there should be two events--both open to the general public. One event should be on Saturday morning, and another should be on Wednesday during normal working hours. The exact dates should be determined by Mr. Kiefer.

Because the Village Boards and Common Council would be invited and because there is a strong possibility of a quorum during these events, Ms. Reiss suggested that each government entity post a notice of quorum.

Mr. Kiefer asked Ms. Reiss if it would be possible to have a Glendale police officer present during the event. She thought it may be possible.

No action was taken regarding this matter.

FOUNDING AGREEMENT

Mr. Kiefer reported that he is meeting with the Village Attorneys and City Attorney to discuss the proposed revised and restated agreement. He will report back to the Commission at the next meeting.

MANAGER'S REPORT

1. Plant staff successfully exchanged and tested the magmeters in the Whitefish Bay master meter vault and the Henry Clay meter pit using the new meter testing apparatus.
2. Plant staff fixed the raw water flow meter.
3. Plant staff replaced a broken flocculator shaft and a pillow-block bearing in basin #1. The basin is now in operation.
4. Basin #5 is being drained and prepared for a cleaning and inspection.
5. A.C. Engineering completed annual maintenance and testing of the north primary substation. All tests indicate the equipment is in good operating condition.
6. During scheduled maintenance of the primary substation, A.C. Engineering discovered a problem with one of the transfer switch breakers. The breaker had to be replaced with the spare purchased last year. Plant staff solicited a proposal from A.C. Engineering to repair the breaker.
7. Plant staff removed abandoned control wiring for high service pump #3 and other abandoned gate valves.
8. Plant staff repaired several sections of conductor bar for the overhead crane in the motor room.
9. The 2000 Chevy Silverado 2500 pickup truck was auctioned on WisconsinSurplus.com. The truck sold for \$2,235.00.
10. Plant staff started stripping and waxing the filter room floor.
11. Plant staff is in the process of switching phone providers from Earthlink to Spectrum. A backup internet connection will also be installed.

NEXT MEETING

The next regular meeting was scheduled for Wednesday, August 16 at 8:00 AM.

ADJOURNMENT

It was moved by Mr. Edlebeck, seconded by Mr. Eastman, and unanimously carried to adjourn at 8:28 A.M.

Submitted by:

E/K

7/13/2017

Eric Kiefer, Plant Manager and Recording Secretary

Date

NORTH SHORE WATER COMMISSION
 Monthly Summary of Operations
 Month of July, 2017
 8/11/2017

	WFB.	GLE.	FPT.	MEQ	Totals
M.G. Metered at Plant	34.821	49.891	33.944	0.000	118.656
M.G. Milwaukee Interconnect	0.000	0.000	0.000	0.000	0.000
M.G. Metered in System	0.638	7.033	-15.144	7.473	0.000
M.G. Charged to Members	35.459	56.924	18.800	0.000	111.183
M.G. Charged to All Users	35.459	56.924	18.800	7.473	118.656
M.G. Same Month Last Year (Members)	42.904	68.572	24.319	9.150	135.795
M.G. Same Month Last Year (All)	42.904	68.572	24.319	9.150	144.945
Accumulated M.G.	213.082	342.431	108.762	48.639	712.914
Accumulated M.G. Last Year	221.165	369.825	122.401	50.776	764.167
Accumulated % of Total Pumped	29.89%	48.03%	15.26%	6.82%	100.00%
Monthly % of Total Pumped	29.88%	47.97%	15.84%	6.30%	100.00%
Accumulated % Pumped of Members	32.08%	51.55%	16.37%		100.00%
Monthly % Pumped of Members	31.89%	51.20%	16.91%		100.00%
Average Daily Pumpage in M.G.	1.144	1.836	0.606	0.241	3.828

	July 2017	July 2016
Maximum Day Pumpage (MG)	4.437	5.978
Date of Max. Pumpage (Day)	31	14
Maximum Flow Rate (MGD)	9.508	8.744
Date of Max Flow (Day)	7	15
Hour of Max Flow (24 Hour Clock)	7	7
Average Station Pressure (PSI)	83.6	83.5
Avg. Total Cl Residual (mg/L) - Tap	2.76	2.5
Raw Water Temperature (F) - Max	68	63
Raw Water Temperature (F) - Ave	54	50
Raw Water Temperature (F) - Min	43	43
Tap Hardness (mg/L as CaCO3) - Max	154	138
Tap Hardness (mg/L as CaCO3) - Ave	137	136
Tap Hardness (mg/L as CaCO3) - Min	133	133

	July 2017	July 2016
Bender On-Peak Consumption (KWH)	47,700	67,048
Bender Off-Peak Consumption (KWH)	150,692	164,736
Klode On-Peak Consumption (KWH)	14,938	19,206
Klode Off-Peak Consumption (KWH)	29,100	32,980
Electrical Charge / KWH	\$0.08136	\$0.08556
KWH / M.G.	2,043	1,959
\$ / M.G.	\$166.23	\$167.63

	July 2017		July 2016	
Chemicals Applied	mg/L	\$/MG	mg/L	\$/MG
Ammonium Hydroxide	0.879	\$9.25	0.537	\$5.89
Sodium Hypochlorite	3.994	\$19.20	2.962	\$19.35
Fluoride	0.743	\$5.94	0.783	\$6.40
Alum	7.772	\$7.42	4.140	\$8.32
Carbon (PAC)	0.000	\$0.00	0.000	\$0.00
Polymer - Mussel Control	0.889	\$8.22	0.680	\$6.29
Phosphates	2.526	\$9.26	2.452	\$9.59
Cationic Polymer	0.708	\$3.83	0.854	\$5.55
Total Chemical Cost		\$63.14		\$61.39

	July 2017		July 2016	
Water Metering	M.G.	% Diff.	M.G.	% Diff.
Corrected High Service (Filters)	118.325	-0.3	145.869	0.6
Total High Service	117.136	-1.3	138.943	-4.1
Communities	118.656	0.0	144.945	0.0

NORTH SHORE WATER COMMISSION
Income Statement
For the Six Months Ending June 30, 2017

	Current Month	Current Month Budget	Year to Date Actual	Year to Date Budget	Variance Budget to Actual	
Operating Revenues						
Sales for Resale						
466.01	Glendale-Operations	\$ 52,728.60	\$ 52,728.60	\$ 316,371.60	\$ 316,371.60	0.00
466.02	Whitefish Bay-Operations	32,129.57	32,129.57	192,777.42	192,777.42	0.00
466.03	Fox Point-Operations	17,726.66	17,726.66	106,359.96	106,359.96	0.00
466.05	Wholesale Water Sales	7,430.63	5,833.33	37,692.00	34,999.98	2,692.02
	Sales for Resale	110,015.46	108,418.16	653,200.98	650,508.96	2,692.02
Other Operating Revenue						
474.00	Lab Services Income	630.00	1,166.67	4,110.00	7,000.02	(2,890.02)
	Total Operating Income	110,645.46	109,584.83	657,310.98	657,508.98	(198.00)
Operation and Maintenance Expenses						
Source of Supply						
600.00	Operation Supvsn & Engrng	69.42	65.67	410.17	394.02	16.15
601.00	Operations Labor & Expenses	129.34	114.33	740.04	685.98	54.06
602.01	Purchased Water	0.00	833.33	7,844.00	4,999.98	2,844.02
603.00	Miscellaneous Expenses	103.09	84.25	107.27	505.50	(398.23)
610.00	Maint Supervisn & Engrng	132.54	125.83	792.65	754.98	37.67
611.00	Maint of Structures & Imprvmnt	129.34	114.33	740.04	685.98	54.06
613.00	Maint. of Crib & Wet Well	0.00	335.92	0.00	2,015.52	(2,015.52)
617.00	Maint of Mis Water Source Plnt	0.00	0.00	192.67	0.00	192.67
	Total Source of Supply Expenses	563.73	1,673.66	10,826.84	10,041.96	784.88
Pumping Expenses						
620.00	Operations Supvsn & Engrng	1,356.76	1,286.25	8,064.22	7,717.50	346.72
621.00	Fuel for Power Production	420.89	314.58	2,415.02	1,887.48	527.54
623.00	Fuel/Power Purchased for Pmpng	19,247.71	20,123.50	105,853.27	120,741.00	(14,887.73)
624.00	Pumping Labor & Expenses	11,243.17	11,201.92	57,129.44	67,211.52	(10,082.08)
626.00	Miscellaneous Expenses	2,318.09	2,261.67	11,539.70	13,570.02	(2,030.32)
630.00	Maint Supervisn & Engrng	662.64	738.92	3,962.97	4,433.52	(470.55)
631.00	Maint of Structures & Imprvmnt	977.75	1,202.08	6,621.43	7,212.48	(591.05)
632.00	Maint of Power Prod Eqpt	0.00	365.75	2,460.78	2,194.50	266.28
633.00	Maint of Pumping Eqpt	1,196.71	3,569.50	15,505.95	21,417.00	(5,911.05)
	Total Pumping Expenses	37,423.72	41,064.17	213,552.78	246,385.02	(32,832.24)
Water Treatment Expenses						
640.00	Operation Suprvsn & Engrng	1,356.76	1,286.25	8,064.22	7,717.50	346.72
641.00	Chemicals	12,093.73	7,130.00	32,687.12	42,780.00	(10,092.88)
642.00	Operation Labor & Expenses	15,435.31	15,759.00	81,919.01	94,554.00	(12,634.99)
643.00	Miscellaneous	2,318.27	2,250.58	11,275.96	13,503.48	(2,227.52)
650.00	Maint Supervision & Engrng	347.06	328.50	2,050.63	1,971.00	79.63
651.00	Maint of Structures & Imprvmnt	1,000.23	972.83	5,510.16	5,836.98	(326.82)
652.00	Operation Supvsn & Engrng	6,795.21	7,388.50	37,224.66	44,331.00	(7,106.34)
	Total Water Treatment Expenses	39,346.57	35,115.66	178,731.76	210,693.96	(31,962.20)

NORTH SHORE WATER COMMISSION
Income Statement
For the Six Months Ending June 30, 2017

	Current Month	Current Month Budget	Year to Date Actual	Year to Date Budget	Variance Budget to Actual	
Transmission & Distribution Expenses						
660.00	Operation Supvsn & Engrng	132.54	125.83	792.65	754.98	37.67
661.00	Storage Facilities Expenses	129.34	114.33	740.04	685.98	54.06
670.00	Maint Supervisn & Engrng	69.42	65.67	410.17	394.02	16.15
676.00	Maintenance of Meters	0.00	83.33	0.00	499.98	(499.98)
	Total Trans. & Distribution Expense	331.30	389.16	1,942.86	2,334.96	(392.10)
Customer Accounts Expenses						
906.00	Customer Service & Infor Exps	69.42	65.67	410.19	394.02	16.17
	Total Customer Accounts Expenses	69.42	65.67	410.19	394.02	16.17
Administration & General Expenses						
408.00	FICA Taxes	3,111.74	3,187.00	16,607.54	19,122.00	(2,514.46)
920.00	Admin & General Salaries	2,776.48	2,995.17	16,405.02	17,971.02	(1,566.00)
921.00	Office Supplies & Expenses	1,456.46	1,261.17	8,873.55	7,567.02	1,306.53
923.00	Outside Services Employed	1,390.25	7,546.42	48,231.24	45,278.52	2,952.72
923.01	Engineering Services	0.00	0.00	3,300.00	0.00	3,300.00
924.00	Prop & P.L. Insurance	0.00	1,777.67	0.00	10,666.02	(10,666.02)
925.00	Injuries & Damages	580.00	3,361.67	1,082.50	20,170.02	(19,087.52)
926.00	Employee Pensions & Benefits	9,330.34	10,511.50	51,449.43	63,069.00	(11,619.57)
930.00	Miscellaneous General Expenses	35.43	596.58	5,107.70	3,579.48	1,528.22
932.00	Maintenance of General Plant	0.00	89.33	0.00	535.98	(535.98)
	Total Adm. & General Expenses	18,680.70	31,326.51	151,056.98	187,959.06	(36,902.08)
	Total Operations & Maintenance	96,415.44	109,634.83	556,521.41	657,808.98	(101,287.57)
	Net Operating Income	14,230.02	(50.00)	100,789.57	(300.00)	101,089.57
Nonoperating Income and Expense						
419.00	Interest Income	29.48	50.00	153.19	300.00	(146.81)
421.00	Misc Income	4,294.00	0.00	5,834.00	0.00	5,834.00
	Net Income	\$ 18,553.50	\$ 0.00	\$ 106,776.76	\$ 0.00	106,776.76

NORTH SHORE WATER COMMISSION
Income Statement
For the One Month and the Six Months Ended June 30, 2017 and 2016

	<u>Current Month</u>	<u>Prior Year Month</u>	<u>Year to Date Actual</u>	<u>Prior YTD Date Actual</u>
Operating Revenues				
Sales for Resale				
466.01 Glendale-Operations	\$ 52,728.60	\$ 55,672.67	\$ 316,371.60	\$ 334,036.02
466.02 Whitefish Bay-Operations	32,129.57	30,648.35	192,777.42	183,890.10
466.03 Fox Point-Operations	17,726.66	16,872.07	106,359.96	101,232.42
466.05 Wholesale Water Sales	7,430.63	7,203.56	37,692.00	38,556.26
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Sales for Resale	110,015.46	110,396.65	653,200.98	657,714.80
Other Operating Revenue				
474.00 Lab Services Income	630.00	780.00	4,110.00	4,920.00
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Total Operating Income	110,645.46	111,176.65	657,310.98	662,634.80
Operation and Maintenance Expenses				
Source of Supply				
600.00 Operation Supvsn & Engrng	69.42	71.42	410.17	432.84
601.00 Operations Labor & Expenses	129.34	113.07	740.04	619.14
602.01 Purchased Water	0.00	0.00	7,844.00	7,880.00
603.00 Miscellaneous Expenses	103.09	114.39	107.27	122.73
610.00 Maint Supervisn & Engrng	132.54	132.98	792.65	764.11
611.00 Maint of Structures & Imprvmnt	129.34	113.07	740.04	619.14
617.00 Maint of Mis Water Source Plnt	0.00	0.00	192.67	180.87
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Total Source of Supply Expenses	563.73	544.93	10,826.84	10,618.83
Pumping Expenses				
620.00 Operations Supvsn & Engrg	1,356.76	1,379.22	8,064.22	8,149.42
621.00 Fuel for Power Production	420.89	268.70	2,415.02	1,039.40
623.00 Fuel/Power Purchased for Pmpng	19,247.71	20,067.35	105,853.27	110,196.97
624.00 Pumping Labor & Expenses	11,243.17	11,910.04	57,129.44	60,833.58
626.00 Miscellaneous Expenses	2,318.09	1,875.44	11,539.70	12,079.75
630.00 Maint Supervisn & Engrng	662.64	664.90	3,962.97	3,820.62
631.00 Maint of Structures & Imprvmnt	977.75	822.76	6,621.43	4,964.57
632.00 Maint of Power Prod Eqpt	0.00	0.00	2,460.78	3,399.77
633.00 Maint of Pumping Eqpt	1,196.71	2,206.10	15,505.95	12,495.73
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Total Pumping Expenses	37,423.72	39,194.51	213,552.78	216,979.81

NORTH SHORE WATER COMMISSION
Income Statement
For the One Month and the Six Months Ended June 30, 2017 and 2016

	<u>Current Month</u>	<u>Prior Year</u> <u>Month</u>	<u>Year to Date</u> <u>Actual</u>	<u>Prior YTD</u> <u>Date Actual</u>
Water Treatment Expenses				
640.00	1,356.76	1,379.22	8,064.22	8,149.38
641.00	12,093.73	14,158.73	32,687.12	46,869.59
642.00	15,435.31	18,921.12	81,919.01	83,481.83
643.00	2,318.27	2,329.62	11,275.96	12,466.72
650.00	347.06	357.16	2,050.63	2,164.41
651.00	1,000.23	822.76	5,510.16	5,020.85
652.00	6,795.21	11,452.82	37,224.66	42,764.06
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Total Water Treatment Expenses	39,346.57	49,421.43	178,731.76	200,916.84
Transmission & Distribution Expenses				
660.00	132.54	132.98	792.65	764.11
661.00	129.34	113.07	740.04	619.14
670.00	69.42	71.42	410.17	432.84
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Total Trans. & Distribution Expenses	331.30	317.47	1,942.86	1,816.09
Customer Accounts Expenses				
906.00	69.42	71.42	410.19	432.84
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Total Customer Accounts Expenses	69.42	71.42	410.19	432.84
Administration & General Expenses				
408.00	3,111.74	3,206.11	16,607.54	17,045.25
920.00	2,776.48	2,857.24	16,405.02	17,314.96
921.00	1,456.46	1,799.52	8,873.55	7,684.75
923.00	1,390.25	2,839.86	48,231.24	51,120.25
923.01	0.00	0.00	3,300.00	0.00
925.00	580.00	162.50	1,082.50	1,282.00
926.00	9,330.34	8,419.65	51,449.43	49,571.54
930.00	35.43	69.20	5,107.70	5,274.21
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Total Adm. & General Expenses	18,680.70	19,354.08	151,056.98	149,292.96
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Total Operations & Maintenance	96,415.44	108,903.84	556,521.41	580,057.37
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Net Operating Income	14,230.02	2,272.81	100,789.57	82,577.43
Nonoperating Income and Expense				
419.00	29.48	(1.61)	153.19	98.99
421.00	4,294.00	0.00	5,834.00	4,144.00
	<hr/>	<hr/>	<hr/>	<hr/>
Net Income	\$ 18,553.50	\$ 2,271.20	\$ 106,776.76	\$ 86,820.42
	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>

NORTH SHORE WATER COMMISSION

Balance Sheet
June 30, 2017 and 2016

<u>Account</u>	<u>Description</u>	<u>Current Year</u>	<u>Prior Year</u>
Assets and Other Debits			
Cash			
131.01	Checking	\$ 320,389.11	270,568.02
131.02	Pay Pal Account	545.46	545.46
131.09	Petty Cash	50.00	50.00
135.01	LGIP - Emergency Fund	25,204.35	0.00
	Total Cash	346,188.92	271,163.48
142.00	Accounts Receivable	32,999.98	17,501.92
154.05	Storm Water Testing Inventory	274.59	283.24
165.00	Prepayments	8,148.88	6,690.12
174.01	Due (to)/from Utility Plant Fd	(112,206.71)	(16,534.84)
	Total Assets & Other Debits	\$ 275,405.66	279,103.92
Liabilities and Other Credits			
Liabilities			
232.00	Accounts Payable	\$ 45,807.74	62,696.36
233.00	Payable to Municipalities	3,146.51	3,087.24
234.00	Credit Card Payable-BMO Harris	61.67	0.00
	Sect125 Payable	884.00	1,739.38
242.07	Payroll Liabilities	7,139.10	1,142.55
242.09	Wages Payable	8,802.23	26,577.97
242.10	Accrued Payroll Taxes	673.37	2,033.22
	Total Liabilities	66,514.62	97,276.72
Earned Surplus			
Unappropriated Earned Surplus: Beginning of Year			
215.01	Glendale - Operations	24,420.50	20,586.70
215.02	Whitefish Bay - Operations	18,149.85	16,040.45
215.03	Fox Point - Operations	9,543.93	8,379.63
	Unappropriated Earned Surplus	52,114.28	45,006.78
Appropriations of Surplus			
215.11	Glendale Emergency	11,500.00	11,500.00
215.12	Whitefish Bay Emergency	8,127.50	8,127.50
215.13	Fox Point Emergency	5,372.50	5,372.50
216.91	Glendale Contingency	13,707.50	13,707.50
216.92	Whitefish Bay Contingency	7,100.00	7,100.00
216.93	Fox Point Contingency	4,192.50	4,192.50
	Total Appropriations of Surplus	50,000.00	50,000.00
Balance Transferred from Income			
	Net Income	106,776.76	86,820.42
	Total Earned Surplus	208,891.04	181,827.20
	Total Liabilities & Other Credits	\$ 275,405.66	279,103.92

NORTH SHORE WATER COMMISSION
 Plant Financing by Utility or Municipalities
 For the Six Months Ending June 30, 2017 and 2016

	Current Month	Year to Date This Year	Current YTD Budget	PY Current Mo.	PY Year to Date
Capital Contributions from Members					
40-421.0 Glendale Charges for Plant	\$ 33,496.93	51,087.38	0.00	11,284.55	20,825.32
40-421.0 Whitefish Bay Charge for Pla	23,059.12	35,168.31	0.00	7,768.23	14,336.04
40-421.0 Fox Point Charges for Plant	12,982.94	19,800.74	0.00	4,373.73	8,071.58
Total Capital Contributions	69,538.99	106,056.43	0.00	23,426.51	43,232.94
Other Funding Sources					
40-466.0 Wholesale Water Sales	6,712.58	34,008.05	0.00	6,491.12	33,559.23
40-419.0 Interest	362.86	1,819.73	0.00	198.12	1,132.47
Other Funding Sources	7,075.44	35,827.78	0.00	6,689.24	34,691.70
Total Funding Sources	76,614.43	141,884.21	0.00	30,115.75	77,924.64
Utility Plant Expenditures					
Source of Supply					
	0.00	0.00	0.00	0.00	0.00
Pumping Plant					
40-325 Electric Pumping Equipment	0.00	0.00	0.00	28,704.00	29,127.32
	0.00	0.00	0.00	28,704.00	29,127.32
Water Treatment Plant					
40-332 Sand or Media Filtration Equ	22,172.35	22,172.35	39,633.48	0.00	0.00
40-334 Other Water Treatment Equi	0.00	3,326.24	9,060.00	5,489.28	25,574.42
	22,172.35	25,498.59	48,693.48	5,489.28	25,574.42
Tranmission & Distribution Plant					
	0.00	0.00	0.00	0.00	0.00
General Plant					
40-392 Transportation Equipment	21,796.39	21,796.39	12,499.98	0.00	0.00
40-395 Laboratory Equipment	0.00	0.00	0.00	2,899.20	39,293.50
40-396 Power Operated Eqpt-Gen Pl	0.00	0.00	0.00	5,569.00	5,569.00
40-397.1 SCADA Equipment	24,852.27	57,538.84	41,983.02	0.00	0.00
	46,648.66	79,335.23	54,483.00	8,468.20	44,862.50
Total Utility Plant Expenditu	68,821.01	104,833.82	103,176.48	42,661.48	99,564.24
Sources of Funding					
Over (Under) Expenditures	\$ 7,793.42	37,050.39	(103,176.48)	(12,545.73)	(21,639.60)

NORTH SHORE WATER COMMISSION
Utility Plant Assets and Contributed Capital
June 30, 2017 and 2016

<u>Account</u>	<u>Description</u>		<u>Current Year</u>	<u>Prior Year</u>
Assets				
40-131.00	Savings	\$	573,587.22	570,530.74
40-142.00	Receivable for Asset Additions		47,919.49	14,104.50
40-174.01	Due (to)/from Operations		112,206.71	16,534.84
			<hr/>	<hr/>
	Total Assets	\$	<u>733,713.42</u>	<u>601,170.08</u>
Liabilities and Contributed Capital				
Liabilities				
40-232.00	Accounts Payable Utility Plant	\$	46,284.15	16,036.46
40-234	Credit Card Payable-BMO Harris		378.88	0.00
			<hr/>	<hr/>
	Total Liabilities		46,663.03	16,036.46
Contributed Capital				
Reserve Balances:				
40-215.01	Glendale Plant Reserve		313,103.78	249,710.47
40-215.02	Whitefish Bay Plant Reserve		215,541.42	218,823.04
40-215.03	Fox Point Plant Reserve		121,354.80	138,239.71
			<hr/>	<hr/>
	Total Reserve Balances		650,000.00	606,773.22
Current Year Capital Contributions and Other Funding Sources				
	Over (Under) Expenditures		37,050.39	(21,639.60)
			<hr/>	<hr/>
	Net Contributions to Capital		687,050.39	585,133.62
			<hr/>	<hr/>
	Total Liabilities & Contributed Capital	\$	<u>733,713.42</u>	<u>601,170.08</u>

NORTH SHORE WATER COMMISSION
Storm Water Income Statement
For the Six Months Ending June 30, 2017

	<u>Current Month</u>		<u>Year to Date</u>	
Total Revenues	<u>0.00</u>	0.00	<u>0.00</u>	0.00
Expenses	<u>0.00</u>	0.00	<u>0.00</u>	0.00
Revenues	<u>0.00</u>	0.00	<u>0.00</u>	0.00
Net Income	<u>\$ 0.00</u>	0.00	<u>\$ 0.00</u>	0.00

BILLS TO BE APPROVED AT COMMISSION MEETING OF**8/16/2017**

A.C. Engineering (installation of replacement breaker for emergency power system)	749.20
Alexander Chemical (treatment chemicals: sodium hypochlorite)	2,769.38
BMO Harris Bank (credit card)	607.65
-- Amazon (SSDs, ethernet cards, and lab soap): \$318.93	
-- Ebay (power supplies): \$90.57	
-- Google (monthly charge for Google Suite Basic): \$54.16	
-- Straight Talk (monthly phone plan - Foreman): \$45.99	
-- USPS (stamps): \$98.00	
Concentra (respirator fit testing)	187.50
Creative Safety Supply (label maker supplies)	219.44
Diversified Benefit Services (Section 125 Plan administration)	95.00
Eurofins (compliance monitoring)	380.00
Fuchs & Boyle (legal service)	604.50
Grainger (lab supplies, floor maintenance supplies, saw blades, custodial supplies, envelopes, hardware, lamps, hangers, painting supplies, electrical supplies, tire sealant, and safety supplies)	1,785.20
Great America (lease payment for copier/printer)	100.00
Hach (samples cells and phosphate reagent)	448.71
Hawkins (treatment chemicals: aqueous ammonia and phosphate)	2,801.83
Idexx (collection vessels and Colilert media)	3,090.14
Kenrich Industrial (crane & hoist inspection)	535.00
Lincoln Contractors Supply (blasting media)	349.14
Liquid Asset Diving Service (Intake inspection)	3,575.00
McMaster-Carr (protective window film)	31.59
Mesa Labs (biological indicator)	154.74
Minnesota Life / Securian (employee life insurance)	128.92
Nalco (treatment chemical: Veligon TL-M)	1,996.89
Northern Lake Service (compliance monitoring)	347.00
Office Copying Equipment (maintenance payment for copier/printer)	25.56
PTC (Kepware software support renewal)	625.15
Rotroff Jeanson (monthly accounting services)	1,010.00
Schranz Roofing (flat roof repairs)	662.00
SEH (engineering, reservoir)	320.00
Spectrum Business (internet services, Bender phone, and Klode phone)	624.86
Starnet Technologies (quarterly data charge for remote meter locations)	300.00
Superior Chemical (janitorial supplies)	187.51
T-Mobile (mobile internet)	31.05
UPS Store (shipping of compliance samples)	122.21
US Cellular (cellular phone service)	4.25
USA Bluebook (gas monitor, stormwater supplies, and hose for chemical feed pump)	910.39
Village Ace Hardware (hardware, painting supplies, paint, primer, box fans, and tape)	515.66
Village of Fox Point (gasoline)	119.89
Wallace Tree & Landscaping (tree removal)	2,810.00
We Energies (Bender Electric)	15,630.60
We Energies (Bender Gas)	319.06
We Energies (Green Tree Electric)	15.99
We Energies (Henry Clay Electric)	16.92

We Energies (Klode Electric)	4,093.80
We Energies (Klode Gas)	13.00
Wisconsin State Lab of Hygiene (fluoride analysis)	25.00

SUB-TOTAL	\$49,339.73
-----------	-------------

Maintenance Reserve

SUB-TOTAL	\$0.00
-----------	--------

TOTAL	\$49,339.73
-------	-------------

7/31/2017 Checking account balance - Main	\$326,617.99
7/31/2017 Checking account balance - Secondary	\$545.46
7/31/2017 Local Government Investment Pool balance (Maintenance Reserve)	\$574,018.03
7/31/2017 Local Government Investment Pool balance (Emergency Fund)	\$25,223.28

North Shore Water Commission
Payment Request
SCADA Upgrade Project (2017-1)

Eric Kiefer

August 16, 2017

Expenses pertaining to the SCADA Upgrade Project were reviewed and approved by the Commission.

The Commission is requesting payment of \$2,521.44 for expenses assigned to this capital improvement project. The proportionate costs for the respective municipalities are as follows:

<i>Member</i>	<i>Capital Rate*</i>	<i>Amount Due</i>
<i>Fox Point</i>	<i>18.67%</i>	<i>\$470.75</i>
<i>Glendale</i>	<i>48.17%</i>	<i>\$1,214.58</i>
<i>Whitefish Bay</i>	<i>33.16%</i>	<i>\$836.11</i>

Respectfully,

Eric Kiefer

**Rates approved at the January 14, 2015 Commission Meeting.*

North Shore Water Commission
SCADA Upgrade Project (2017-1)
Invoices for Meeting
Eric Kiefer
August 16, 2017

Vendor	Invoice Number	Units	Qty	Description	Line Cost
CDW-G	JPN9980	Item	2	UPS, Backup Power Supply for Computer (Tripp Lite)	674.20
TOTAL					\$674.20

North Shore Water Commission
SCADA Upgrade Project (2017-1)

Labor Assigned to Project

Eric Kiefer

August 16, 2017

Pay Period	Employee Name	Hours	Cost
07/08/2017 to 07/22/2017	Eric Kiefer	28.00	970.45
07/08/2017 to 07/22/2017	Mark Peters	5.50	162.83
07/22/2017 to 08/05/2017	Eric Kiefer	16.00	596.96
07/22/2017 to 08/05/2017	Mark Peters	4.00	117.00
TOTAL			\$1,847.24

North Shore Water Commission
Payment Request
Filter Improvements (2017-2)

Eric Kiefer

August 16, 2017

Expenses pertaining to the filter improvements project were reviewed and approved by the Commission.

The Commission is requesting payment of \$543.33 for expenses assigned to this capital improvement project. The proportionate costs for the respective municipalities are as follows:

<i>Member</i>	<i>Capital Rate*</i>	<i>Amount Due</i>
<i>Fox Point</i>	<i>18.67%</i>	<i>\$101.44</i>
<i>Glendale</i>	<i>48.17%</i>	<i>\$261.72</i>
<i>Whitefish Bay</i>	<i>33.16%</i>	<i>\$180.17</i>

Respectfully,

Eric Kiefer

**Rates approved at the January 14, 2015 Commission Meeting.*

North Shore Water Commission
Filter Improvements (2017-2)
Invoices for Meeting
Eric Kiefer
August 16, 2017

Vendor	Invoice Number	Units	Qty	Description	Line Cost
<hr/>					
TOTAL					\$0.00

North Shore Water Commission

Filter Improvements (2017-2)

Labor Assigned to Project

Eric Kiefer

August 16, 2017

Pay Period	Employee Name	Hours	Cost
07/08/2017 to 07/22/2017	Brooks Angell	3.00	87.30
07/08/2017 to 07/22/2017	Duane Ziege	9.50	317.44
07/22/2017 to 08/05/2017	Duane Ziege	4.00	\$138.59
TOTAL			\$543.33

North Shore Water Commission
Payment Request
Reservoir Improvements (2017-3)

Eric Kiefer
August 16, 2017

Expenses pertaining to the filter improvements project were reviewed and approved by the Commission.

The Commission is requesting payment of \$695.75 for expenses assigned to this capital improvement project. The proportionate costs for the respective municipalities are as follows:

<i>Member</i>	<i>Capital Rate*</i>	<i>Amount Due</i>
<i>Fox Point</i>	<i>18.67%</i>	<i>\$129.90</i>
<i>Glendale</i>	<i>48.17%</i>	<i>\$335.14</i>
<i>Whitefish Bay</i>	<i>33.16%</i>	<i>\$230.71</i>

Respectfully,

Eric Kiefer

**Rates approved at the January 14, 2015 Commission Meeting.*

North Shore Water Commission
Reservoir Improvements (2017-3)
Invoices for Meeting
Eric Kiefer
August 16, 2017

Vendor	Invoice Number	Units	Qty	Description	Line Cost
SEH	337010	Application	1	Engineering, Groundwater Monitoring Around Reservoirs	695.75
TOTAL					\$695.75

North Shore Water Commission
Reservoir Improvements (2017-3)

Labor Assigned to Project

Eric Kiefer

August 16, 2017

Pay Period	Employee Name	Hours	Cost
<hr/>			
<hr/>			
TOTAL			\$0.00



NORTH SHORE WATER COMMISSION

Internship Description

Intern will be trained to operate a conventional surface water treatment plant with UV disinfection technology. In addition to operations training, Intern will be assigned additional projects by the Plant Manager. Anticipated projects include printing and applying labels on pipes, producing short training videos, and creating blog and wiki entries for internal staff use.

North Shore Water Commission Description

The North Shore Water Commission (NSWC) is a progressive drinking water treatment facility located in the City of Glendale, Wisconsin. It supplies water to its member utilities in Fox Point, Glendale, and Whitefish Bay and also supplies water on a wholesale basis to the City of Mequon.

Location

Intern will primarily work at 400 W Bender Rd, Glendale, WI.

Conditions

Work Schedule: Flexible and can range from 10 to 40 hours per week. All hours are to be worked between September 25, 2017 and December 22, 2017. It is expected that the Intern works at least 150 hours during this period. Intern may be required to work up to 40 hours between the hours of 7:00 PM to 7:00 AM.

Pay: Hourly rate is *\$11 per hour*.

Certification Exam: Intern must commit to register and complete the waterworks operator examination (surface water subclass) scheduled for November 1, 2017 at the Commission's expense. A one-time bonus of \$200 will be awarded to Intern if he/she successfully completes examination, achieves a passing score, and consequently receives valid certification from the State of Wisconsin.

Other: Internship is limited to students currently enrolled in the Environmental Health and Water Quality Technology program at Milwaukee Area Technical School (MATC), the Water Quality Technology program at Moraine Park Technical College, University of Wisconsin Milwaukee School of Freshwater Sciences, or a related program. Exceptions may be made on a case-by-case basis.

No Benefits: This position will not receive benefits and will not be eligible for earning shift differentials.

Tasks and Responsibilities

Operations

- Make audio and visual observations of plant equipment.
- Perform laboratory analyses that require fine motor skill.
- Mix and dilute laboratory chemicals and reagents as needed.
- With supervision, make adjustments to equipment using human to machine interface.
- With supervision, turn water treatment equipment on and off.
- Perform janitorial work including sweeping, mopping, and cleaning of fixtures.

Anticipated Projects

- Gather and analyze data.
- Collect and analyze water samples.
- Use analytical instruments, prepare standards, and other related equipment to calibrate turbidimeters and other online analyzers.
- Print and apply labels to pipes after sufficient surface preparation.
- Ascertain requirements of assignment and develop plan for completing assignment.
- Create video using mobile device or other audiovisual equipment.
- Edit, annotate, and post video to YouTube channel managed by the Commission.
- Develop and post content to blog, wiki, and other software platforms managed by the Commission.

Knowledge, Skills, Abilities

- Knowledge of computer systems for typical office use.
- Knowledge of basic chemistry and algebra to perform calculations.
- Knowledge of basic electrical, mechanical, and hydraulic principles.
- Proficiency with internet browsers and searching the Internet.
- Ability to understand and follow oral and written instructions.
- Ability to assemble and process information when necessary.
- Ability to deal with other employees and the general public in a courteous and tactful manner.
- Ability to work in diverse environment.
- Ability to climb steps and ladder.
- Understand and perform basic works skills such as:
 - Arrive to work as scheduled.
 - Dress appropriately.
 - Adhere to imposed deadlines.
 - Use professional and courteous language.

Supervisor

Intern will report to Plant Manager. Intern will also take direction from plant staff while performing various tasks.

Interested?

Please visit and complete the Interest Form at <https://goo.gl/wZ9dny>. This form can be found by visiting our website at <http://www.northshorewater.org/index.php#Job>. If you cannot access the form, please contact Eric Kiefer at info@northshorewc.com or (414) 963-0160.

This position may be advertised until filled.

R&R Insurance Services, Inc.

Scott Huibregtse

N80W14824 Appleton Ave ♦ Menomonee Falls, WI 53051

262.502.3830 ♦ 800.566.7007

scott.huibregtse@rins.com

www.myknowledgebroker.com



INSURANCE
SERVICES, INC.

Insurance Solutions

Presented To:

*North Shore Water
Commission*



Policy Term: September 1, 2017 to September 1, 2018

North Shore Water Commission Proposal

Contents



SECTION 1 PROPOSAL

- A. Coverage/Limits Summary
- B. Cost Comparison

SECTION 2 COVERAGE SUMMARY

- A. Coverage Enhancements

SECTION 3 LOCAL REPRESENTATION

- A. Local Plan Representatives

SECTION 4 PROGRAM PARTICIPATION

- A. Current LWMMI Plan Participants

This proposal is intended to be only a summary of coverages and services. For specific details on coverage terms and conditions, please refer to the insurance coverage documents or talk to an authorized LWMMI Agent .

Section 1

Program

Proposal



Coverage/Limits Summary

Coverage Provided by League of Wisconsin Municipalities Mutual Insurance	Limit of Liability
General Liability (No Terrorism, Mold or Fungi Exclusions)	\$6,000,000
Law Enforcement Liability	\$6,000,000
Premises Medical Payments	\$10,000
Public Officials Liability	\$6,000,000
<i>Sewer & Water Systems Backup Extended Coverage (\$100,000 per occurrence, \$300,000 aggregate) can be added for population x \$1.75</i>	
Automobile Liability	\$6,000,000
Automobile:	
Comprehensive deductible	\$500
Collision deductible	\$500
Automobile Medical Payments	\$10,000
Uninsured/Underinsured Motorist	Statutory
Damage to Premises Rented to You	\$250,000
Workers Compensation Part A Benefits (Including "Terrorism")	Statutory
Part B Employers Liability	\$2,000,000

The LWMMI Program offers a single limit of liability, combining General Liability, Law Enforcement, Public Officials Liability, and Auto Liability in one policy:

- No Aggregates
- No Claims Made Triggers
- No Deductibles

Section 1

Program

Proposal *Continued*



Coverage/Limits Summary

Coverage	Limit	Deductible	(company name)
Property			
Blanket Limit	\$39,473,273	\$10,000	Chubb Insurance
Mobile Equipment	\$39,730	\$1,000	
Property In the Open	\$721,329	\$10,000	
Comprehensive Crime Coverage			
Employee Theft – Per Loss <i>Includes Faithful Performance</i>	\$10,000	\$500	Liberty Mutual
Forgery or Alteration	\$10,000	\$500	
Theft of Money and Securities Inside Outside			
Computer Fraud			
Funds Transfer Fraud			
Credit, Debit or charge Card Instruments	\$5,000	\$250	
Umbrella	\$5,000,000	\$10,000 SIR	American Alternative

Section 1

Program



Proposal Continued

Workers Compensation

Employers Liability

Each Accident	100,000
Disease – Policy Limit	500,000
Disease – Each Employee	100,000

Rating Information

Class Code	Classifications	Estimated Remuneration	Rate	Estimated Premium
7520	Waterworks Operations	\$494,974	4.26	\$21,086
8810	Clerical Office	If Any	0.26	\$0

Factors & Premiums

Coverage	Rate	Premium
Classifications Total		\$ 21,086
Experience Modification	.78	\$ -4,639
Premium Discount	3.6%	\$ -587
Expense Constant		\$ 220
Terrorism		\$ 0 (no charge)
Total Estimated Annual Premium		\$ 16,080

Other:

Annual Pay Plan

Section 1

Program



Cost Comparison

	EXPIRING	VS	LWMMI AND OTHERS
General Liability	\$ 10,171		\$ 10,171
Law Enforcement Liability	Included		Included
Public Officials E&O Liability	Included		Included
Automobile Liability	\$ 419		\$ 419
Auto Physical Damage	\$ 131		\$ 106
No-Fault Sewer Coverage			
Property / Inland Marine/Boiler & Machinery	\$ 21,878 <i>Chubb</i>		\$ 21,878 <i>Chubb</i>
Crime (3 Year policy)	\$ 300 <i>Liberty</i>		\$ 381 <i>Liberty</i>
Umbrella	\$ 8,000 <i>American Alt</i>		\$ 8,000 <i>American Alt</i>
Subtotal	\$ 40,899		\$ 40,955
Workers Compensation	\$ 14,236		\$ 16,080
TOTAL ANNUAL ESTIMATE	\$ 55,135		\$ 57,035

Special Conditions/Options:

- Umbrella: Premium includes Terrorism coverage & an R&R processing fee of \$500.
 - **Terrorism election/rejection forms required to bind.**
- Crime: **Optional quote – Social Engineering**
 - Limit: \$10,000
 - Deductible \$500
 - 3 Year additional annual premium \$78
 - Total 3 Year Annual premium with optional coverage: \$459

Section 2

Coverage

Summary



League of Wisconsin Municipalities Mutual Insurance Coverage Enhancements

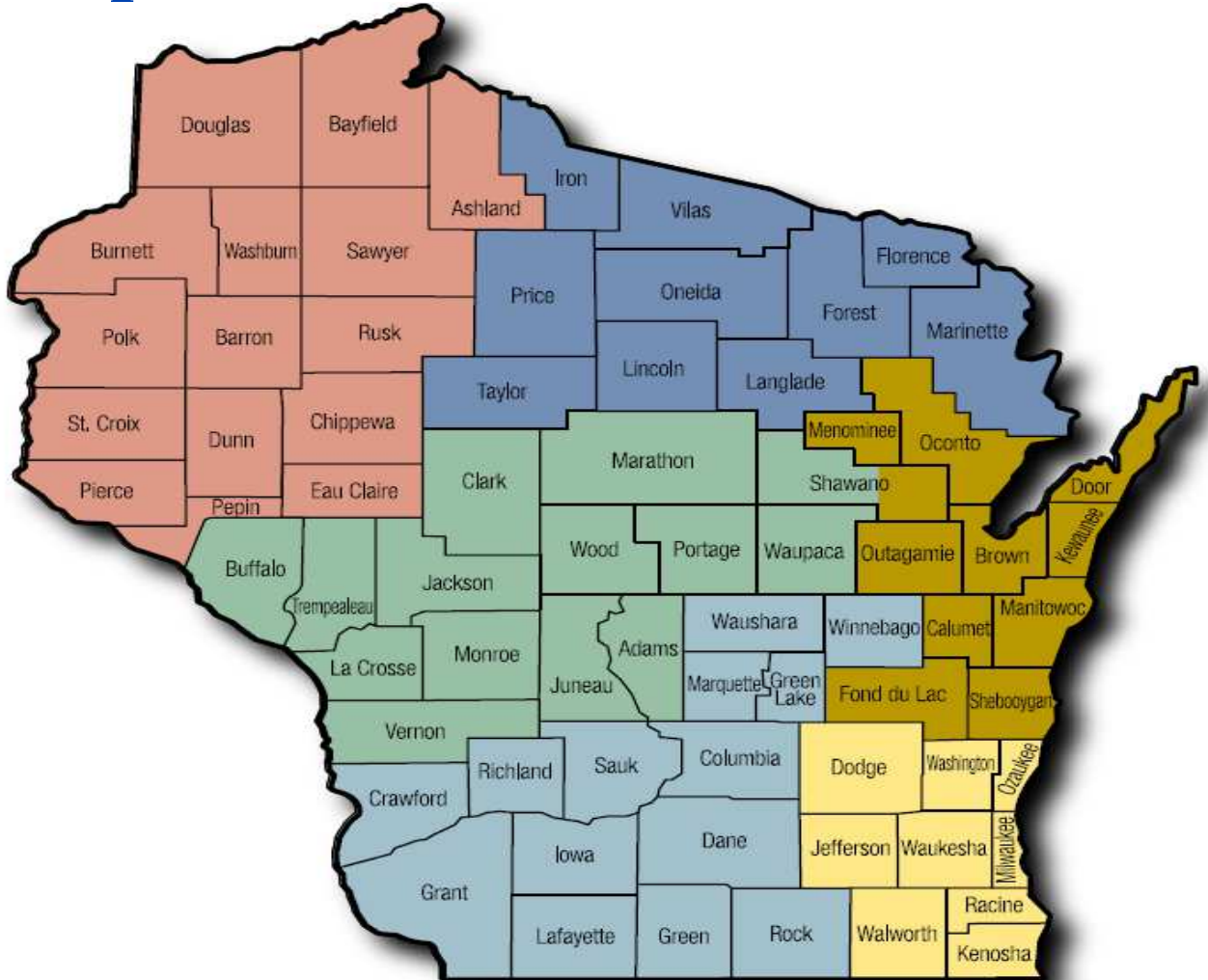
LWMMI is pleased to offer major coverage enhancements many commercial issuers exclude, including:

- A single policy combining General Liability, Law Enforcement, Public Officials Errors & Liability, and Auto Liability, reducing the chance for gaps between policies
- No “Aggregate Limits.” The “Per Occurrence” policy limit applies to all liability claims
- All coverage is on an “Occurrence” basis, including Public Officials and Employee Benefits Liability
- Prior Act coverage provided for former “Claims-Made” Policies
- Defense costs in addition to the policy limit for all liability coverage, including Law Enforcement Liability
- Police and public official claims will not be settled without your approval
- Limited defense cost reimbursement for alleged criminal acts
- Non-Monetary Claims Coverage up to \$50,000 Per Wrongful Act; subject to a \$250,000 Aggregate Limit
- Sudden and Accidental Above Ground Pollution – \$250,000
- Back and Future Wages and Benefits Covered
- Automobile and Premise Medical No Fault Payments
- \$2,000,000 Added to Limits for Workers Compensation Part B - Employers Liability of the League’s Policy
- Expanded Contractual Liability for Mutual Aid Agreements
- Optional No-Fault Sewer Back-Ups (subject to underwriting acceptability) – \$100,000 per occurrence, \$300,000 annual aggregate.
- Tax Assessment Disputes – up to \$50,000 for Defense

Section 3

Local Plan

Representatives



Baer Insurance Services, LLC
Mike Zagrodnik
9701 Brader Way, Suite 100
P.O. Box 46490
Madison, WI 53744
888.729.2237 p
608.664.2233 f
mikez@baerinsurance.com

Robertson Ryan & Associates, Inc.
Bill Barnes
3716 Country Dr., Suite 3
Rhineland, WI 54501
715.362.5557 p
715.362.5572 f
bbarnes@robertsonryan.com

Burkart-Heisdorf Insurance Agency, Inc.
Phil Burkart
1807 Erie Ave.
P.O. Box 1320
Sheboygan, WI 53082-1320
800.989.6174 p
920.458.1363 f
philb@burkart-heisdorf.com

Spectrum Insurance Group, LLC
Darrel Zaleski
4257 Southtowne Dr.
Eau Claire, WI 54701
877.858.9874 p
715.858.9866 f
darrel.zaleski@spectruminsgroup.com

R&R Insurance Services, Inc.
Rick Kalscheuer
1581 E. Racine Ave.
P.O. Box 1610
Waukesha, WI 53187-1610
800.566.7007 p
262.574.7080 f
rick.kalscheuer@rrins.com

Westland Insurance Services, Inc.
Terry Christen
909 Superior Ave.
P.O. Box 490
Tomah, WI 54660
608.374.5119 p
608.374.2358 f
terry.christen@westlandinsurance.com

Willis HRH is the Designated Agent for 13 Cities and Villages • Mary Hosmer • 122 E. College Ave. • P.O. Box 877
Appleton, WI 54912-0877 • **800-236-3311 p** • **920-739-1543 f** • mary.hosmer@willis.com

Section 4

Program Participation



League of Wisconsin Municipalities Insurance Plan Participants

Municipalities insured with R&R Insurance Services appear in red below:

Abbotsford, City of	Bonduel, Village of	Cottage Grove, Village of
Adell, Village of	Boscobel, City of	Crandon, City of
Albany, Village of	Boyceville, Village of	Cross Plains Area EMS
Algoma Utilities Commission	Boyceville Community	Cross Plains, Village of
Algoma, City of	Amulance District	Cumberland Fire District
Allouez, Village of	Boyceville Community Fire	Cumberland, City of
Almena, Village of	District	Cumberland Municipal Utility
Amherst, Village of	Boyd, Village of	Curtiss, Village of
Aniwa, Village of	Brillion, City of	Dane Iowa Sanitary District
Arcadia, City of	Brooklyn, Village of	Dane, Village of
Arena, Village of	Bruce, Village of	<i>Darien, Village of</i>
Arlington, Village of	Butternut, Village of	Deer Grove EMS
Arpin, Village of	Cadott, Village of	Deerfield, Village of
Ashwaubenon, Village of	Calumet Sanitary District #1,	DeForest, Village of
Athens, Village of	Town Of	<i>Delafield, City of</i>
Auburndale, Village of	Cambria, Village of	<i>Delafield -Hartland Water</i>
Augusta, City of	Cambridge Oakland	<i>Pollution Control Comm.</i>
Avoca, Village of	Wastewater	Dodgeville, City of
Badger Power Marketing	Cambridge, Village of	Door County Tourism Zone
Authority	Camp Douglas, Village of	Commission
Bagley, Village of	Campbellsport, Village of	Dorchester, Village of
Bangor First Responders	Cazenovia, Village of	<i>Dousman, Village of</i>
Barron Housing Authority	Cecil, Village of	Downing, Village of
Bay City, Village of	<i>Chenequa, Village of</i>	Doylestown, Village of
Bayfield, City of	Chetek Housing Authority	Dresser, Village of
<i>Bayside, Village of</i>	Chilton, City of	<i>Eagle, Village of</i>
<i>Beaver Dam, City of</i>	Chippewa Falls, City of	Eagle River, City of
Belleville, Village of	Clear Lake, Village of	Edgerton, City of
Bellevue, Village of	Cleveland, Village of	Egg Harbor, Village of
Belmont, Village of	Clinton, Village of	Eland, Village of
Benton, Village of	Clintonville Area Ambulance	Eleva, Village of
<i>Big Bend, Village of</i>	Clintonville, City of	Elk Mound, Village of
Birchwood Four Corners	Cobb, Village of	Elkhart Lake, Village of
EMD	Cochrane, Village of	Ellsworth, Village of
Birchwood, Village of	Colby, City of	<i>Elm Grove, Village of</i>
Biron, Village of	Colby-Abbotsford Police Dept	Embarrass, Village of
Black Earth, Village of	Colfax, Village of	Endeavor, Village of
Black River Falls, City of	Coloma, Village of	Ephraim, Village of
Blanchardville, Village of	Combined Locks, Village of	Everest Metro Police Dept.
Blue Mounds, Village of	Coon Valley, Village of	Fairchild Fire Protection Distr
Blue River, Village of	Cornell, City of	Fairchild, Village of

Fairwater, Village of
Ferryville, Village of
Fond du Lac, City of
*Fontana on Geneva Lake,
Village of*
*Fontana-Walworth Water
Pollution Control Comm.*
Footville, Village of
*Fox Lake Community Fire
Association*
Fox Lake, City of
Fox Point, Village of
Francis Creek, Village of
Frank L. Weyenberg Library
Franklin, City of
Frederic, Village of
Friesland, Village of
Garners Creek Storm Water
Utility
*Geneva Lake Law
Enforcement*
Genoa, Village of
Gilman, Village of
Glenbeulah, Village of
Goose Lake Watershed
District
Grand Chute Menasha West
Sewerage Comm
Granton, Village of
Grantsburg, Village of
Gratiot, Village of
Greater Bayfield Wastewater
Treatment
Green Lake, City of
Green Lake Sanitary District
Greenfield, City of
Greenwood, City of
Gresham, Village of
Hales Corners, Village of
Hammond, Village of
Harrison, Village of
Hartland, Village of
Haugen, Village of
Hawkins, Village of
Hayward, City of
Hewitt, Village of
Highland, Village of
Hilbert, Village of
Hixton, Village of
Hollandale, Village of
Holmen, Village of
Howards Grove Volunteer
Fire Department
Howards Grove, Village of
Hurley, City of

Fall Creek, Village of
Hustisford, Village of
Hustler, Village of
Independence, City of
Ingram, Village of
Iola, Village of
Iron Ridge, Village of
*Jefferson Housing Authority,
City of*
Jefferson, City of
Johnson Creek, Village of
Junction City, Village of
Kaukauna Utilities
Kaukauna, City of
Kegonsa Sanitary District #2
Kekoskee, Village of
Kewaskum, Village of
Kewaunee, City of
Kiel, City of
Kingston, Village of
Kohler, Village of
Kronenwetter, Village of
La Farge, Village of
La Valle, Village of
Lac La Belle, Village of
Ladysmith, City of
Lake Country Fire & Rescue
Lake Delton, Village of
Lake Geneva, City of
Lake Hallie, Village of
Lake Mills, City of
Lake Nebagamon, Village of
Landfill Venture Group
League of Wisconsin
Municipalities
League of WI Municipalities
Mutual Insurance
Linden, Village of
Little Chute, Village of
Little Elkhart Lake
Rehabilitation District
Livingston, Village of
Lodi, City of
Loganville, Village of
Lohrville, Village of
Lomira, Village of
Lone Rock, Village of
Loyal, City of
Luck, Village of
Lyndon Station, Village of
Lynxville, Village of
Madison Metropolitan Sewage
District
Maiden Rock, Village of
Manawa, City of

Marquette Fire District
Marquette, Village of
Marquette Communities Joint
Municipal Court
Marshall, Village of
Marshfield Utilities Electric &
Water Department
Marshfield, City of
Mazomanie, Village of
McFarland, Village of
Medford, City of
Mellen, City of
Merrill, City of
Merrillan, Village of
Merrimac, Village of
*Merton Community Fire
Department*
Merton, Village of
Milltown, Village of
*Milwaukee Area Domestic
Animal Control Comm.*
*Milwaukee Housing Authority,
City of*
Mineral Point, City of
Mishicot, Village of
Montello, City of
Montello Joint Fire District
Montfort, Village of
Monticello, Village of
Mosinee, City of
Mount Calvary, Village of
Mount Horeb, Village of
Mukwonago, Village of
*Municipal Court for Western
Waukesha County*
Muscoda, Village of
Muskego, City of
Nashotah, Village of
Necedah, Village of
Neillsville, City of
Nelsonville, Village of
Neosho, Village of
Neshkoro, Village of
New Holstein, City of
New Lisbon, City of
New Richmond, City of
Niagara, City of
North Bay, Village of
North Fond du Lac, Village of
North Freedom, Village of
North Hudson, Village of
North Prairie, Village of
North Shore Fire Department
North Shore Water Comm.

Northern Waupaca County
Joint Municipal Court
Norwalk, Village of
Oconomowoc Lake, Village of
Oconomowoc, City of
Oconto, City of
Oconto Falls, City of
Oconto Falls Water & Light
Commission, City of
Oregon, Village of
Orfordville, Village of
Oshkosh, City of
Owen, City of
Oxford, Village of
Pabst Farms Joint Stormwater
Utility District
Paddock Lake, Village of
Palmyra, Village of
Pardeeville, Village of
Park Falls, City of
Park Ridge, Village of
Patch Grove, Village of
Pewaukee, City of
Pewaukee, Village of
Phillips, City of
Pikes Bay Sanitary District
Pittsville, City of
Plain, Village of
Pleasant Prairie, Village of
Pleasant Springs Sanitary
Polk County Housing Auth.
Port Edwards, Village of
Portage, City of
Poynette, Village of
Prairie du Sac, Village of
Prairie Farm, Village of
Prairie Village Water Trust
Prentice, Village of
Prescott, City of
Randolph, Village of
Random Lake, Village of
Redevelopment Authority of
the City of Milwaukee
Redevelopment Authority of
the City of Oshkosh
Redgranite, Village of
Reeseville, Village of
Rewey, Village of
Rib Lake, Village of
Rib Mountain Sanitary Dist.
Rice Lake Housing Authority
Rice Lake - Lake Protection

& Rehabilitation
Rice Lake, City of
Richfield, Village of
Ridgeland, Village of
Ridgeway, Village of
Rio, Village of
Roberts, Village of
Rochester, Village of
Rock-Koshkonong Lake Dist.
Rock Springs, Village of
Rockdale, Village of
Rosendale, Village of
Rothschild, Village of
Rudolph, Village of
Sauk City, Village of
Sauk Prairie Community Rec
Sauk Prairie Court Comm
Sauk Prairie Police Comm
Sauk Prairie Sewerage Comm
Scandinavia, Village of
Shawano, City of
Shell Lake, City of
Shorewood Hills, Village of
Shorewood, Village of
Siren, Village of
Sister Bay, Village of
Soldiers Grove, Village of
Solon Springs Development
Commission
Solon Springs Municipal
Gordon Airport Comm.
Solon Springs, Village of
Somerset, Village of
South Area Fire & Emergency
Response District
South Wayne, Village of
Spencer Area Fire &
Ambulance Commission
Spencer, Village of
Spring Green, Village of
St. Cloud, Village of
St. Croix Falls, City of
Stevens Point Airport, City of
Stevens Point Housing Auth.
Stevens Point Water & Sewer
Strum, Village of
Sturgeon Bay Utilities
Sturgeon Bay, City of
Sturtevant, Village of
Suamico, Village of
Summit, Village of
Sussex, Village of

Tennyson, Village of
Theresa, Village of
Thiensville, Village of
Thorp, City of
Tomahawk, City of
Trempealeau, Village of
Turtle Lake, Village of
Twin Lakes, Village of
Unity, Village of
Upper St. Croix Lake Sanitary
District
Valders, Village of
Vanguard Electric Comm
Viola, Village of
Waldo, Village of
Walworth, Village of
Washburn, City of
Waterford, Village of
Waterloo, City of
Watertown, City of
Waukesha, City of
Waukesha Water Utility
Waunakee, Village of
Waupaca, City of
Wausaukee, Village of
Wautoma, City of
Wauzeka, Village of
Webster, Village of
West Bend, City of
West Central Wisconsin Bio
Solids
West Milwaukee, Village of
West Salem, Village of
Westfield, Village of
Weston, Village of
Weyauwega, City of
Wheeler, Village of
Whitehall, City of
Whitelaw, Village of
Wind Point, Village of
Winneconne, Village of
Wisconsin Dells – Lake
Delton Sewerage Comm
Wisconsin Rapids Water
Works & Lighting Comm
Wisconsin Rapids, City of
Withee, Village of
Wolf River Sanitary District
Wyocena, Village of

*Updated 10/16

NORTH SHORE WATER COMMISSION
2018 OPERATION AND MAINTENANCE BUDGET - PRELIMINARY - 08/11/2017

(Staffing Level of 1 Manager, 1 Foreman, 1 Technician Mechanic, 4 Relief Op/Tech, Part-Time Interns & Gardener)

-- REVENUES --

ACCT. NO. & TITLE	2015	2016	2016	2017	PROPOSED	% CHNG. 17 to 18
	REVENUES*	REVENUES*	BUDGET	BUDGET	2018 BUDGET	
-- UTILITY OPERATING INCOME --						
Payment from Member Communities - Agreement	1,333,476	1,238,317	1,238,317	1,231,018	1,228,381	-0.2%
Wholesale Water Sales - Operating Component	63,160	80,164	50,000	70,000	80,000	14.3%
Investment Income	337	210	600	600	800	33.3%
Other	38,659	15,519	14,000	14,000	14,000	0.0%
REVENUE TOTAL	1,435,632	1,334,210				
BUDGET TOTAL			1,302,917	1,315,618	1,323,181	0.6%
DIFFERENCE			(87,959)	12,701	7,563	

*Revenues before surplus funds are refunded to member communities.

-- EXPENSES --

ACCT. NO. & TITLE	2015	2016	2016	2017	PROPOSED	% CHNG. 17 to 18
	EXPENSES	EXPENSES	BUDGET	BUDGET	2018 BUDGET	
-- UTILITY OPERATING INCOME --						
408 -- Taxes	33,247	35,565	36,288	38,244	38,994	2.0%
Total	33,247	35,565	36,288	38,244	38,994	2.0%

-- SOURCE OF SUPPLY --

600 -- Operation Supervision and Engineering	857	858	858	788	797	1.1%
601 -- Operation Labor and Expenses	1,111	1,182	1,327	1,372	1,441	5.0%
602 -- Purchased Water	9,464	9,230	10,059	10,000	9,786	-2.1%
603 -- Miscellaneous Expenses	722	335	1,948	1,011	837	-17.2%
604 -- Rents	-	-	-	-	-	
610 -- Maintenance Supervision and Engineering	1,455	1,639	1,569	1,510	1,561	3.4%
611 -- Maintenance of Structures and Improvements	1,147	1,182	1,327	1,372	1,441	5.0%
612 -- Maintenance of Collecting and Impounding Reservoirs	-	-	-	-	-	
613 -- Maintenance of Lake, River and Other Intakes	19,440	3,555	3,977	4,031	4,098	1.7%
614 -- Maintenance of Wells and Springs	-	-	-	-	-	
616 -- Maintenance of Supply Mains	-	-	-	-	-	
617 -- Maintenance of Miscellaneous Water Source Plant	61	248	-	-	-	
Total	34,257	18,229	21,065	20,084	19,961	-0.6%

-- PUMPING EXPENSES --

620 -- Operation Supervision and Engineering	15,737	16,029	16,461	15,435	15,744	2.0%
621 -- Fuel for Power Production	1,675	3,074	4,047	3,775	3,659	-3.1%
622 -- Power Production Labor Expenses	-	-	-	-	-	
623 -- Fuel or Power Purchased for Pumping	225,893	228,370	245,212	241,482	241,344	-0.1%
624 -- Pumping Labor and Expenses	122,790	127,113	128,553	134,423	143,513	6.8%
625 -- Expenses Transferred - Credit	-	-	-	-	-	
626 -- Miscellaneous Expenses	22,595	25,274	25,217	27,140	27,382	0.9%
627 -- Rents	-	-	-	-	-	
630 -- Maintenance Supervision and Engineering	7,459	7,453	8,185	8,867	8,925	0.7%
631 -- Maintenance of Structures and Improvements	9,348	9,533	14,129	14,425	14,622	1.4%
632 -- Maintenance of Power Production Equipment	3,262	3,400	3,916	4,389	2,510	-42.8%
633 -- Maintenance of Pumping Equipment	28,651	27,929	59,458	42,834	43,017	0.4%
Total	437,410	448,175	505,178	492,770	500,716	1.6%

-- WATER TREATMENT EXPENSES --

640 -- Operation Supervision and Engineering	15,737	16,029	16,461	15,435	15,709	1.8%
641 -- Chemicals	67,570	88,436	90,421	85,560	81,460	-4.8%
642 -- Operation Labor and Expenses	174,912	176,671	176,869	189,108	200,657	6.1%
643 -- Miscellaneous Expenses	20,783	24,617	25,268	27,007	28,080	4.0%

644 -- Rents	-	-	-	-	-	
650 -- Maintenance Supervision and Engineering	4,287	4,288	4,291	3,942	3,987	1.1%
651 -- Maintenance of Structures and Improvements	9,713	9,246	10,513	11,674	11,123	-4.7%
652 -- Maintenance of Water Treatment Equipment	69,873	78,911	71,521	88,662	89,465	0.9%
Total	362,875	398,198	395,344	421,388	430,481	2.2%
-- TRANSMISSION AND DISTRIBUTION EXPENSES --						
660 -- Operation Supervision and Engineering	1,433	1,491	1,569	1,510	1,561	3.4%
661 -- Storage Facilities Expenses	1,075	1,182	1,327	1,372	1,441	5.0%
662 -- Transmission and Distribution Lines Expenses	-	-	-	-	-	
663 -- Meter Expenses	-	-	-	-	-	
664 -- Customer Installation Expenses	-	-	-	-	-	
665 -- Miscellaneous Expenses	-	-	-	-	-	
666 -- Rents	-	-	-	-	-	
670 -- Maintenance Supervision and Engineering	1,275	858	858	788	797	1.1%
671 -- Maintenance of Structures and Improvements	-	-	-	-	-	
672 -- Maintenance of Distribution Reservoirs and Standpipes	-	-	-	-	-	
673 -- Maintenance of Transmission and Distribution Mains	-	-	-	-	-	
675 -- Maintenance of Services	-	-	-	-	-	
676 -- Maintenance of Meters	-	-	930	1,000	1,000	0.0%
677 -- Maintenance of Hydrants	-	-	-	-	-	
678 -- Maintenance of Miscellaneous Plant	-	-	-	-	-	
Total	3,783	3,531	4,684	4,670	4,799	2.8%
-- CUSTOMER SERVICE EXPENSES --						
901 -- Supervision	-	-	-	-	-	
902 -- Meter Reading Expenses	-	-	-	-	-	
903 -- Customer Records and Collection Expenses	-	-	-	-	-	
904 -- Uncollectible Accounts	-	-	-	-	-	
905 -- Miscellaneous Customer Accounts Expenses	-	-	-	-	-	
906 -- Customer Service and Information Expenses	857	858	858	788	797	1.1%
Total	857	858	858	788	797	1.1%
-- SALES EXPENSE --						
910 -- Sales Expenses	-	-	-	-	-	
Total						
-- ADMINISTRATIVE AND GENERAL EXPENSES --						
920 -- Administrative and General Salaries	34,255	34,243	34,325	35,942	36,342	1.1%
921 -- Office Supplies and Expenses	13,111	16,316	15,312	15,134	20,935	38.3%
922 -- Administrative Expenses Transferred - Credit	-	-	-	-	-	
923 -- Outside Services Employed	81,805	75,654	96,728	90,557	80,138	-11.5%
924 -- Property Insurance	15,125	21,878	17,139	21,332	23,097	8.3%
925 -- Injuries and Damages	36,575	33,192	40,344	40,340	36,454	-9.6%
926 -- Employee Pensions and Benefits	104,282	101,585	125,572	126,138	122,070	-3.2%
928 -- Regulatory Commission Expenses	-	-	-	-	-	
929 -- Duplicate Charges - Credit	-	-	-	-	-	
930 -- Miscellaneous General Expenses	10,162	7,519	6,632	7,159	7,119	-0.6%
931 -- Rents	-	-	-	-	-	
932 -- Maintenance of General Plant	2,557	-	3,448	1,072	1,278	19.2%
Total	297,872	290,387	339,500	337,674	327,433	-3.0%
Stormwater Analysis (funded by storm water analysis fees)	277	559				
EXPENSE TOTAL (excluding stormwater analysis)	1,170,301	1,194,943				
BUDGET TOTAL			1,302,917	1,315,618	1,323,181	0.6%
DIFFERENCE			(87,959)	12,701	7,563	

NORTH SHORE WATER COMMISSION
2018 CAPTIAL IMPROVEMENT BUDGET - PRELIMINARY - 08/11/2017

(Staffing Level of 1 Manager, 1 Foreman, 1 Technician Mechanic, 4 Relief Op/Tech, Part-Time Interns & Gardener)

-- REVENUES --

ACCT. NO. & TITLE	2015 REVENUES	2016* REVENUES	2016 BUDGET	2017 BUDGET	PROPOSED 2018 BUDGET	% CHNG. 17 to 18
-- UTILITY OPERATING INCOME --						
Payment from Member Communities - Agreement	139,115	160,166	206,353	206,353	187,271	-9.3%
Wholesale Water Sales	53,304	71,053	-	-	-	
Investment Income	753	2,369	-	-	-	
REVENUE TOTAL	193,172	233,588				
BUDGET TOTAL			206,353	206,353	187,271	-9.3%
DIFFERENCE			14,643	-	(19,082)	

**Revenues before surplus funds are refunded to member communities.*

-- EXPENSES --

ACCT. NO. & TITLE	2015 EXPENSES	2016 EXPENSES	2016 BUDGET	2017 BUDGET	PROPOSED 2018 BUDGET	
-- INTANGIBLE PLANT --						
301 -- Organization	-	-	-	-	-	
302 -- Franchises and Consents	-	-	-	-	-	
303 -- Miscellaneous Intangible Plant	-	-	-	-	-	
Total	-	-	-	-	-	
-- SOURCE OF SUPPLY PLANT --						
310 -- Land and Land Rights	-	-	-	-	-	
311 -- Structures and Improvements	-	-	-	-	-	
312 -- Collecting and Impounding Reservoirs	-	-	-	-	-	
313 -- Lake, Rivers, and Other Intakes	-	-	-	-	-	
314 -- Wells and Springs	-	-	-	-	-	
316 -- Supply Mains	-	-	-	-	-	
317 -- Other Water Source Plant	-	-	-	-	-	
Total	-	-	-	-	-	
-- PUMPING PLANT --						
320 -- Land and Land Rights	-	-	-	-	-	
321 -- Structures and Improvements	-	-	-	-	-	
323 -- Other Power Production Equipment	-	13,653	-	-	-	
325 -- Electric Pumping Equipment	80,016	60,869	70,345	-	-	
326 -- Diesel Pumping Equipment	-	-	-	-	-	
328 -- Other Pumping Equipment	-	-	-	-	-	
Total	80,016	74,522	70,345	-	-	
-- WATER TREATMENT PLANT --						
330 -- Land and Land Rights	-	-	-	-	-	
331 -- Structures and Improvements	1,883	-	-	-	-	
332 -- Sand or Other Media Filtration Equipment	-	-	-	79,267	102,848	29.8%
333 -- Membrane Filtration Equipment	-	-	-	-	-	
334 -- Other Water Treatment Equipment	81,395	81,413	93,008	18,120	-	-100.0%
Total	83,278	81,413	93,008	97,387	102,848	5.6%
-- TRANSMISSION AND DISTRIBUTION PLANT --						
340 -- Land and Land Rights	-	-	-	-	-	

341 -- Structures and Improvements	1,883		-	-	-	
342 -- Distribution Reservoirs and Standpipes	-	-	-	-	-	
343 -- Transmission and Distribution Mains	-	-	-	-	-	
345 -- Services	-	-	-	-	-	
346 -- Meters	-	-	-	-	-	
348 -- Hydrants	-	-	-	-	-	
349 -- Other Transmission and Distribution Plant	-	-	-	-	-	
Total	1,883	-	-	-	-	
-- GENERAL PLANT --						
389 -- Land and Land Rights	-	-	-	-	-	
390 -- Structures and Improvements	-	-	-	-	-	
391 -- Office Furniture and Equipment	-	-	-	-	-	
391.1 -- Computer Equipment	939	-	-	-	-	
392 -- Transportation Equipment	-	-	-	25,000	-	-100.0%
393 -- Stores Equipment	-	-	-	-	-	
394 -- Tools, Shop and Garage Equipment	-	-	-	-	10,000	
395 -- Laboratory Equipment	2,768	40,599	10,000	-	-	
396 -- Power Operated Equipment	-	5,569	-	-	-	
397 -- Communication Equipment	-	-	-	-	-	
397.1 -- SCADA Equipment	-	18,403	33,000	83,966	74,423	-11.4%
398 -- Miscellaneous Equipment	-	-	-	-	-	
Total	3,707	64,572	43,000	108,966	84,423	-22.5%
EXPENSE TOTAL	168,884	220,506				
BUDGET TOTAL			206,353	206,353	187,271	-9.3%
DIFFERENCE			14,643	-	(19,082)	

NORTH SHORE WATER COMMISSION
BUDGET WORKSHEET - CAPITAL IMPROVEMENTS DETAIL
8/11/2017

**PROPOSED
CAPITAL
BUDGET**

Capital Improvement Projects

Number	Description	Total
2018-1	Filter Improvements	\$ 95,848

Plant staff started a long-term replacement program of all pneumatic actuators in the plant in 2017. This equipment has numerous problems making them unreliable and energy inefficient. In 2017, plant staff plans on replacing approximately 8 actuators and 8 pressure transducers.

<u>Item Description</u>	<u>Estimated Cost</u>
Self-Performed Labor	\$ 10,848
Actuators	\$ 50,000
Pressure Transducers	\$ 20,000
Contracted Services	\$ 10,000
Contingency	\$ 5,000

Number	Description	Total
2018-2	SCADA HMI/Database Upgrade Phase 2	\$ 74,423

Plant staff will be continuing its effort to replace the SCADA HMI/Database system which started in 2017. During this project, plant staff plans on installing additional hardware and software at each remote location to prevent data loss when communications are disrupted and to possibly allow for remote access by member utilities.

<u>Item Description</u>	<u>Estimated Cost</u>
Self-Performed Labor	\$ 7,423
Base Server Hardware, Software, and Setup	\$ 20,000
SCADA Software and Installation	\$ 18,000
SCADA-Specific Programming and Server Configurations	\$ 24,000
Contingencies	\$ 5,000

Number	Description	Total
2018-3	Bender Garage Improvements	\$ 10,000

This project includes the replacement of roof and siding of the Bender garage.

<u>Item Description</u>	<u>Estimated Cost</u>
Self-Performed Labor	\$ -
Contracted Services to Repair Garage	\$ 10,000.00

GRAND TOTAL		\$ 180,271
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North Shore Water Commission
Budget Worksheet - Analysis of Notable Expenses
Eric Kiefer
8/11/2017

Categories		Current	Projected 2018	Diff %
AccountingServices	\$	12,448.45	\$ 13,444.33	8.00%
Alum	\$	14,087.47	\$ 14,369.22	2.00%
AqueousAmmonia	\$	8,417.10	\$ 8,585.47	2.00%
AuditServices	\$	8,950.00	\$ 9,397.50	5.00%
AWWA	\$	2,043.00	\$ 2,104.29	3.00%
BankFee	\$	95.00	\$ 95.00	0.00%
BasinSupplies	\$	5,463.87	\$ 5,559.49	1.75%
Batteries	\$	339.38	\$ 342.80	1.01%
CertificationMunicipalWaterSupply	\$	90.00	\$ 90.00	0.00%
ChemicalFeedPartsEquipment	\$	2,878.93	\$ 2,922.11	1.50%
CompoundMeterTesting	\$	351.65	\$ 358.68	2.00%
ComputerAppsSoftware	\$	4,664.95	\$ 4,898.22	5.00%
CopierLease	\$	1,321.08	\$ 1,321.08	0.00%
Crane	\$	535.00	\$ 545.70	2.00%
CustodialSupplies	\$	2,640.71	\$ 2,667.20	1.00%
Electric	\$	224,824.89	\$ 227,073.05	1.00%
EmergencyStandby	\$	2,700.00	\$ 2,700.00	0.00%
EmersonSupport	\$	11,148.00	\$ 7,803.60	-30.00%
EmployeeTrainingAndTesting	\$	1,023.44	\$ 1,074.61	5.00%
EmployeeUniform	\$	148.52	\$ 151.50	2.01%
FireExtinguisher	\$	225.28	\$ 227.54	1.00%
FirstAidAndSafetySupplies	\$	90.57	\$ 91.92	1.49%
Fluoride	\$	10,382.86	\$ 10,590.52	2.00%
Fuel	\$	779.05	\$ 779.05	0.00%
GeneralConsulting	\$	8,795.46	\$ 2,436.00	-72.30%
GeneralContractor	\$	1,595.00	\$ 612.87	-61.58%
GeneralElectricSupplies	\$	2,374.67	\$ 2,410.29	1.50%
GeneralEngineering	\$	32,862.50	\$ 26,379.75	-19.73%
GeneralHardware	\$	1,562.63	\$ 1,593.87	2.00%
GeneralOffice	\$	2,521.15	\$ 2,546.36	1.00%
GeneratorMaintenance	\$	2,505.81	\$ 2,530.87	1.00%
GlendaleWater	\$	2,222.40	\$ 2,333.52	5.00%
Hardware	\$	2,012.94	\$ 2,053.17	2.00%
HVACSupplies	\$	3,092.17	\$ 3,123.05	1.00%
InternetService	\$	4,979.96	\$ 5,228.95	5.00%
KlodeDive	\$	3,555.00	\$ 3,661.65	3.00%
KlodeWaterRate	\$	641.40	\$ 673.47	5.00%
LabAnalysis	\$	8,263.81	\$ 8,429.09	2.00%
LabCertification	\$	1,386.80	\$ 1,407.60	1.50%
LabSupplies	\$	31,391.75	\$ 32,019.58	2.00%
LawnAndGarden	\$	616.56	\$ 622.76	1.01%
LegalServices	\$	5,135.04	\$ 5,135.04	0.00%
LiabilityInsurance	\$	18,721.00	\$ 18,721.00	0.00%
LightingSupplies	\$	659.14	\$ 665.74	1.00%
MagmeterTesting	\$	1,661.15	\$ 1,710.98	3.00%
MedicalReview	\$	665.00	\$ 698.27	5.00%
MeteringCommunicationCharges	\$	900.00	\$ 909.00	1.00%
MusselControl	\$	3,047.78	\$ 3,108.74	2.00%
NaturalGas	\$	9,267.79	\$ 9,360.49	1.00%

OfficeEquipment	\$	2,657.11	\$	2,710.25	2.00%
OtherOutdoorExpenses	\$	3,300.00	\$	3,349.50	1.50%
PaintingSupplies	\$	62.98	\$	64.24	2.00%
Phone	\$	2,707.98	\$	2,789.27	3.00%
Phosphate	\$	10,386.72	\$	10,594.49	2.00%
PipeValvesAndAppurtenances	\$	8,386.60	\$	8,512.39	1.50%
PlumbingServices	\$	1,133.76	\$	1,156.44	2.00%
PlumbingSupplies	\$	448.55	\$	457.47	1.99%
Polymer	\$	5,613.72	\$	5,725.98	2.00%
PropertyInsurance	\$	21,878.00	\$	21,878.00	0.00%
PumpMaintenance	\$	3,192.10	\$	3,255.94	2.00%
SCADARepairParts	\$	564.30	\$	575.59	2.00%
SCADAServices	\$	13,113.00	\$	13,375.26	2.00%
Section125PlanAdmin	\$	1,253.43	\$	1,278.51	2.00%
SludgeTestingAndDisposal	\$	7,561.85	\$	7,788.72	3.00%
SnowRemoval	\$	689.82	\$	710.52	3.00%
SodiumHypochlorite	\$	22,283.28	\$	22,728.94	2.00%
Stormwater	\$	249.96	\$	274.96	10.00%
TruckMaintenanceAndServices	\$	477.64	\$	487.20	2.00%
Unemployment	\$	1,110.00	\$	-	-100.00%
UVSuppliesAndServices	\$	6,116.17	\$	6,299.65	3.00%
WaterCouncil	\$	1,330.00	\$	1,369.90	3.00%
WaterQualityReport	\$	701.05	\$	722.08	3.00%
WDNRWithdrawalFee	\$	6,494.00	\$	6,494.00	0.00%
Website	\$	247.75	\$	260.14	5.00%
WorkersComp	\$	14,236.00	\$	16,079.56	12.95%
WRF	\$	3,193.79	\$	3,289.60	3.00%
Grand Total	\$	605,475.67	\$	597,793.59	-1.27%

Employees		Budget 2017		Budget 2018	Diff %
Manager	\$	88,900.00	\$	90,678.00	2.00%
Foreman	\$	78,219.87	\$	79,382.85	1.49%
Technician Mechanic	\$	69,738.04	\$	76,612.83	9.86%
Relief Operator Technician 1	\$	72,640.80	\$	67,405.00	-7.21%
Relief Operator Technician 2	\$	63,050.40	\$	65,448.00	3.80%
Relief Operator Technician 3	\$	55,533.60	\$	57,628.80	3.77%
Relief Operator Technician 4	\$	54,129.60	\$	54,129.60	0.00%
Gardner	\$	5,062.50	\$	5,314.50	4.98%
Intern Fall	\$	1,650.00	\$	1,732.50	5.00%
Intern Spring	\$	1,650.00	\$	1,732.50	5.00%
Intern Summer	\$	4,400.00	\$	4,620.00	5.00%
Grand Total	\$	494,974.81	\$	504,684.58	1.96%

Employee Benefits & Taxes		Budget 2017		Budget 2018	Diff %
Health Insurance with Dental	\$	84,486.18	\$	80,239.53	-5.03%
Life Insurance	\$	900.48	\$	981.24	8.97%
Retirement	\$	32,790.43	\$	32,916.11	0.38%
FICA	\$	37,865.58	\$	38,608.37	1.96%
Grand Total	\$	156,042.67	\$	152,745.25	-2.11%

North Shore Water Commission Manager's Report of Operations

Period: July 12 - August 15

1. Plant staff inspected basin #5 and discovered substantial damage with the sludge collection system. There were numerous broken boards and a broken sprocket. Considering all of the recurring problems with this system, plant staff is contemplating abandonment of all sludge collection equipment in basin 5 and schedule manual cleanings on a biannual basis.
2. Faust Company was contracted to fix the plant dehumidification system; it is now back in operation.
3. During an electrical storm, a power supply failed for several devices on the SCADA network. Both items were protected by the plant UPS system. The power supply was replaced and normal operations resumed; however, the device controlling the panel lights on the vintage plant overview diagram (RTU0) was damaged beyond repair.
4. During normal electrical conditions, the plant UPS turned off causing most of the SCADA system to fail unexpectedly. After restoring power, Starnet Technologies was contracted to inspect the plant UPS. They adjusted a setting that was thought to be problematic.
5. Schranz Roofing was contracted to fix several minor leaks on the flat roof.
6. Wallace Landscaping was contracted to remove 2 trees on the east side of the property.
7. Plant staff repaired a leak in the backup sodium hypochlorite line.
8. Plant staff is in the process of sandblasting, priming, and painting the I-beams in the filter wing.
9. Liquid Asset Diving performed its annual inspection of the intake crib. While everything appears to be in good condition, it appears that mussels are accumulating on the exterior grating and sediment is accumulating in the cones. These minor issues will be addressed next summer.
10. The new alum and phosphate chemical feed systems were successfully put into operation.
11. Three voice lines were switched over from Earthlink / Windstream to Spectrum Business and a redundant cable modem was added to the Bender facility.

NORTH SHORE WATER COMMISSION
 WHOLESALE WATER SALES
 FOR YEAR: 2017

WHOLESALE INCOME BY COMPONENT
 (Top: JAN-MAR, Bottom: APR-DEC)

FACILITIES CHARGE

MONTH	CUSTOMER	KGAL PURCHASED	WHOLESALE RATE (\$/KGAL)	TOTAL VOLUME CHARGE	CAPITAL \$/Kgal \$0.820 / Kgal	OPERATING \$ \$0.910 / Kgal	CONVEYANCE \$0.390 / Kgal	DISTRIBUTION OF CONVEYANCE CHARGE			FOR 2016 FACILITIES UPKEEP		AMOUNT BILLED
								FOX PT: 0.60	GLEN: 0.20	WFB: 0.20	\$500 / yr	NSWC REVENUE	
JANUARY	Mequon Water	7,169	\$2.120	\$15,198.28	\$5,878.58	\$6,523.79	\$2,795.91	\$1,677.55	\$559.18	\$559.18	\$0.00	\$12,402.37	\$15,198.28
FEBRUARY	Mequon Water	6,118	\$2.120	\$12,970.16	\$5,016.76	\$5,567.38	\$2,386.01	\$1,431.61	\$477.20	\$477.20	\$0.00	\$10,584.15	\$12,970.16
MARCH	Mequon Water	6,885	\$2.120	\$14,596.20	\$5,645.70	\$6,265.35	\$2,685.15	\$1,611.09	\$537.03	\$537.03	\$500.00	\$12,411.05	\$15,096.20
APRIL	Mequon Water	6,127	\$2.143	\$13,130.16	\$5,097.66	\$5,642.97	\$2,389.54	\$1,433.72	\$477.91	\$477.91	\$0.00	\$10,740.62	\$13,130.16
MAY	Mequon Water	6,799	\$2.143	\$14,570.26	\$5,656.77	\$6,261.88	\$2,651.61	\$1,590.97	\$530.32	\$530.32	\$0.00	\$11,918.65	\$14,570.26
JUNE	Mequon Water	8,068	\$2.143	\$17,289.72	\$6,712.58	\$7,430.63	\$3,146.51	\$1,887.91	\$629.30	\$629.30	\$0.00	\$14,143.21	\$17,289.72
JULY	Mequon Water	7,473	\$2.143	\$16,014.64	\$6,217.54	\$6,882.63	\$2,914.46	\$1,748.68	\$582.89	\$582.89	\$0.00	\$13,100.18	\$16,014.64
AUGUST	Mequon Water		\$0.000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SEPTEMBER	Mequon Water		\$0.000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
OCTOBER	Mequon Water		\$0.000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
NOVEMBER	Mequon Water		\$0.000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
DECEMBER	Mequon Water		\$0.000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTALS		48,639		\$103,769.42	\$40,225.59	\$44,574.63	\$18,969.19	\$11,381.53	\$3,793.83	\$3,793.83	\$500.00	\$85,300.23	\$104,269.42