

**AGENDA**  
**NORTH SHORE WATER COMMISSION**

400 West Bender Road  
Glendale, WI 53217  
Wednesday, October 6, 2010  
7:30 A.M.

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1. Call to order by the Chairman.
2. Pursuant to section 19.85(1)(c) Wisconsin Statutes, this Commission reserves the right to convene in closed session to deliberate and discuss the terms of its labor agreement with the Local 1486. The Commission will also deliberate and discuss the compensation, benefits, and terms of employment regarding the Computer Administrator. The Commission will reconvene into open session to conduct business regarding this item and remaining items on the agenda.
3. Approval of the minutes of the meeting held Wednesday, September 8, 2010.
4. Monthly report of plant operations.
5. Discussion of annual operating budget.
6. Approval of monthly bills.
7. Discussion and approval to pay the invoice from McMaster-Carr for materials to be used in the Reservoir Level Monitoring Project.
8. Discussion of Shorewood's request for a water supply proposal. The Commission may take action regarding this matter.
9. Discussion and possible action to investigate the advantages and disadvantages of combining water-related services with all 3 member utilities, selected outlying communities (if any), and the treatment plant.
10. Manager's report for September 2010.
11. Date and time of November 2010 Commission Meeting.

**THE NORTH SHORE WATER COMMISSION**  
**MEETING OF September 8, 2010**

A meeting of the North Shore Water Commission was held at the Filtration Plant, 400 West Bender Road, Glendale, Wisconsin on Wednesday, September 8, 2010.

Meeting was called to order at 7:30 A.M.

Present: Daniel Naze, Chairman; Michael West, Secretary; Richard Maslowski, Member

Also present: Eric Kiefer, Plant Manager & Recording Secretary; Duane Ziege, Working Foreman

Absent: Richard Foster, Alternate for Whitefish Bay; Susan Robertson, Alternate for Fox Point; Dave Eastman, Alternate for Glendale

It was moved by Mr. Maslowski, seconded by Mr. West and unanimously carried that the minutes of the meeting held Wednesday, August 11, 2010 be approved as submitted.

MONTHLY REPORT OF PLANT OPERATIONS

The monthly report of plant operations was placed on file without motion.

ANNUAL OPERATING BUDGET

The monthly budget reports were placed on file without motion.

MONTHLY BILLS

It was moved by Mr. West, seconded by Mr. Maslowski and unanimously carried that the following bills for the month of August, 2010 be approved and authorization was given to the Fiscal Agent to make such payments:

AC Engineering (investigation of Bender transfer switch problem)	648.10
AT&T (Klode phone)	62.08
Buelow Vetter (Legal services)	2,067.00
Butters-Fetting (back flow testing and certification)	1,614.21
Cintas (uniform and janitorial supplies)	403.89
Circle Electric (emergency support with Bender transfer switch)	525.00
Diversified Benefit Services (section 125 plan administration)	90.88
Eric Kiefer (postage)	41.87
Fisher Scientific (lab supplies)	59.98
Fuchs & Boyle (legal service)	58.50
Grainger (hardware and office supplies)	311.16
Hach (lab supplies)	1,697.07
Home Depot (vacuum cleaner)	159.00
Hydrite (treatment chemical: aqua ammonia)	850.00
Idexx (lab supplies)	1,615.56
Industrial Towel and Uniform (coverall replacement charge)	93.00

KA Steel (treatment chemical: sodium hypochlorite)	1,315.33
Lab Safety Supply (plastic trays for hypo and fluoride transfer pump replacement)	279.00
Lincoln Contractors (tool rental)	312.98
McMaster-Carr (plumbing supplies, non-corrosive mounting materials, elec. supp.)	468.57
Modular Piping Supply (valves, gaskets, and plumbing supplies)	2,373.29
Nalco (treatment chemical: polymer)	774.00
Personnel Concepts (right to know posters)	177.85
Pristine Water Solutions (treatment chemical: phosphate)	2,052.60
R&R Insurance (causality insurance policies renewal)	34,505.00
Rotroff Jeanson (monthly accounting service)	875.00
Strand Associates (engineering services-Bender & Klode drawings, ADA review)	5,375.00
Superior Lamp (lighting supplies)	644.43
Time Warner Cable (internet service)	764.80
US Cellular (cell phones)	48.27
USA Bluebook (fluoride day tank, storm water test kits)	928.46
Village of Fox Point (fuel for truck)	62.24
Waste Management (waste disposal)	341.23
We Energies (Bender electric)	15,599.59
We Energies (Klode electric)	4,333.31
We Energies (Henry Clay electric)	13.25
We Energies (Bender gas)	1,789.87
Wilkens-Anderson (lab supplies)	589.10
Wisconsin Water Association (annual conference registration)	295.00
<hr/> SUB-TOTAL	<hr/> \$84,215.47
 <u>Maintenance Reserve</u>	
USA Bluebook (fluoride and sodium hypochlorite transfer pumps)	12,414.00
William Reid LTD (bulk sodium hypochlorite tanks)	4,745.15
<hr/> SUB-TOTAL	<hr/> \$17,159.15
 TOTAL	 <hr/> <hr/> \$101,374.62

ANNUAL OPERATION AND MAINTENANCE BUDGET FOR 2011

The Commission discussed the budget prepared by the Plant Manager. After deliberation, it was moved by Mr. Maslowski, seconded by Mr. West, and unanimously carried that the operation and maintenance budget for 2011 be approved as presented.

<u>ACCT. NO. &amp; TITLE</u>	<u>2010 BUDGET</u>	<u>2011 BUDGET</u>	<u>% CHNG. 10 to 11</u>
<hr/> ---SOURCE OF SUPPLY---			
6010--Labor & Super-Intake Crib	\$ -	\$ -	0.00%
6020--Intake Supplies & Expense	\$ -	\$ -	0.00%
6050--Maint. of Crib & Well	\$ 9,000	\$ 8,000	-11.11%
6070--Standby Service, Milw.	\$ 3,500	\$ 3,500	0.00%
6080--Great Lakes Withdrawal Fee	\$ -	\$ 9,625	*****

Subtotal	\$	12,500	\$	21,125	13.28%
---PUMPING EXPENSES---					
6210--Labor & Super., Klode	\$	117,000	\$	122,729	4.90%
6220--Electricity Expense	\$	248,000	\$	237,000	-4.44%
6230--Normal Supplies, Klode	\$	6,600	\$	6,630	0.45%
6240--Unusual Maint., Klode Pumps	\$	-	\$	20,000	*****
6251--Unusual Maint., Klode Supplies	\$	2,000	\$	2,000	0.00%
6252--Unusual Maint., Klode Labor	\$	2,000	\$	3,300	65.00%
6270--Unusual Maint., Bender Pumps	\$	4,000	\$	3,800	-5.00%
6275--Care Of Grounds	\$	3,500	\$	3,500	0.00%
Subtotal	\$	383,100	\$	398,959	4.14%
---PURIFICATION EXPENSES---					
6310--Labor & Super., Bender	\$	235,800	\$	243,505	3.27%
6320--Normal Supplies, Bender	\$	34,100	\$	37,000	8.50%
6330--Heating at Bender	\$	34,000	\$	24,000	-29.41%
6340--Disposal of Sludge	\$	7,000	\$	7,000	0.00%
6351--Unusual Maint., Bender Supplies	\$	16,000	\$	16,000	0.00%
6352--Unusual Maint., Bender Labor	\$	19,000	\$	19,000	0.00%
6360--Laboratory Expense	\$	25,000	\$	26,405	5.62%
6370--Instrumentation Expense	\$	23,500	\$	24,500	4.26%
6375--Care Of Grounds	\$	3,500	\$	3,500	0.00%
6380--Treatment Chemicals	\$	133,000	\$	105,504	-20.67%
Subtotal	\$	530,900	\$	506,414	-4.61%
---TRANSMISSION MAINS---					
6410--Labor & Super, Mains	\$	-	\$	1,300	*****
6420--Trans. Mains, Supply Exp.	\$	-	\$	-	0.00%
6450--Maintenance Of Reservoir	\$	6,000	\$	6,000	0.00%
6470--Maint. of Meters	\$	2,500	\$	2,500	0.00%
Subtotal	\$	8,500	\$	9,800	15.29%
---ADMINISTRATIVE & GENERAL---					
9200--Office & Admin. Salaries	\$	85,000	\$	85,000	0.00%
9210--Office Supplies & Expenses	\$	14,170	\$	14,170	0.00%
9220--Engineering Services	\$	20,000	\$	20,000	0.00%
9230--Professional Services	\$	45,140	\$	43,265	-4.15%
9240--Prop. & P.L. Insurance	\$	54,000	\$	60,000	11.11%
9260--Wisconsin Retirement	\$	48,000	\$	53,000	10.42%
9262--Employee Insurance	\$	114,500	\$	130,000	13.54%
9280--N.S.W.C. Expense	\$	3,000	\$	3,000	0.00%
9290--Employee Training	\$	9,150	\$	8,650	-5.46%
9300--Misc. General Expense	\$	2,000	\$	2,000	0.00%
9310--Recording Secretary	\$	1,300	\$	-	-100.00%
9330--Transportation Expense	\$	1,600	\$	2,000	25.00%
9360--General Outdoor Expense	\$	5,800	\$	5,800	0.00%
9370--Maint. of 516 W. Bender	\$	-	\$	-	0.00%
9400--F.I.C.A. Taxes	\$	34,000	\$	37,000	8.82%
9450--Contingencies	\$	5,000	\$	5,000	0.00%
Subtotal	\$	442,660	\$	468,885	5.92%

TOTAL \$ 1,377,660 \$ 1,405,183 2.00%

CAPITAL IMPROVEMENT PLAN AND CAPITAL IMPROVEMENT BUDGET

The Commission discussed the capital improvement plan for 2011 - 2015 and the capital improvement budget for 2011 that was prepared by the Plant Manager. After deliberation, it was moved by Mr. West, seconded by Mr. Maslowski, and unanimously carried that the capital improvement plan for 2011 - 2015 be approved by the Commission and that the capital improvement budget for 2011 be adopted by the Commission. Funding for capital improvements must be approved and financed by each member community.

CAPITAL IMPROVEMENT PLAN (2011 - 2015)

Year	Project	Cost
2010	Reservoir Level Monitoring Upgrade	\$24,146
2010	Klode Chemical Feed System Renovation	\$11,191
2010	Upgrade to Bender Fluoride Feed System	\$12,781
2010	TOTAL	\$48,118
2011	Reservoir Level Monitoring Upgrade	\$16,907
2011	Klode Chemical Feed System Renovation	\$38,241
2011	Upgrade to Bender Fluoride Feed System	\$46,428
2011	TOTAL	\$101,576
2012	Bender Chemical Feed Upgrade (Alum, Phosphate, Carbon)	\$78,000
2012	Pipe Label Maker	\$5,000
2012	Garden Tractor	\$5,000
2012	Domestic Water Meter Replacement	\$15,000
2012	Domestic Hot Water Heater	\$10,000
2012	TOTAL	\$113,000
2013	Electric and Valve Actuator Upgrade at Klode Park	\$90,000
2013	Upgrade Front Entryway	\$35,000
2013	TOTAL	\$125,000
2014	Master Meter Valve Replacement	\$120,000
2014	TOTAL	\$120,000
2014	Filter Wing Roof Membrane Replacement	\$120,000
2014	TOTAL	\$120,000

CAPITAL IMPROVEMENT BUDGET FOR 2011

2011	Reservoir Level Monitoring Upgrade	\$16,907
2011	Klode Chemical Feed System Renovation	\$38,241
2011	Upgrade to Bender Fluoride Feed System	\$46,428
2011	TOTAL	\$101,576

DISCUSSION AND POSSIBLE ACTION TO ACCEPT AN ENGINEERING PROPOSAL OR AGREEMENT TO ASSIST THE COMMISSION IN ITS UPGRADE OF THE FLUORIDE FEED SYSTEM, RESERVOIR MONITORING SYSTEM, AND KLODE PARK MUSSEL CONTROL SYSTEM

Strand Associates submitted Task Order No. 10-04, Task Order No. 10-05, and Task Order No. 10-06 in response to the Commission's request for proposals. The total lump sum fees for all of the task orders amounts to \$48,194. Bonestroo submitted a proposal in response to the Commission's request for proposals with a total lump sum fee of \$44,125.

After deliberation, it was moved by Mr. Maslowski, seconded by Mr. West, and unanimously carried to accept the task orders submitted by Strand Associates for assisting the Commission in its upgrade of the fluoride feed system, reservoir monitoring system, and Klode Park mussel control system and further authorized Plant Manager Eric Kiefer to execute the contract documents.

#### PLANT MANAGER'S MONTHLY REPORT

1. Plant staff resurfaced the floor and removed steel protrusions within the bulk sodium hypochlorite containment area (west side). Plant staff will be leveling the surface with leveling compound and applying an epoxy coating prior to placing the new sodium hypochlorite bulk tanks in the area.
2. An electrical engineer from AC Engineering studied our transfer switch problems at the Bender facility. It was determined that one of the breakers has a faulty "trip unit." Arrangements are being made to procure a replacement part for the breaker.
3. Plant staff replaced the broken fluoride day tank with a new tank last week. At the same time, the bulk tanks were cleaned. New valves and PVC lines were installed in the bulk fluoride containment area including a sight gauge.
4. Arrangements are being made to install the sodium hypochlorite and fluoride transfer pumps. One has been installed for the fluoride system on a temporary basis; this pump will require the use of the manual controls until new circuits can be wired by an electrician.
5. High service pump #2 is back in normal operation after months of unreliability. Plant staff rebuilt the control valve leading to the ball valve actuator. After this repair, the valve associated with the pump was able to open and close without impediment.
6. A confined space exercise is being coordinated in one of the treatment basins—all members of staff are being asked to attend. The North Shore Fire Department will also be participating in the exercise.
7. Plant Manager will be presenting research findings at WWA Annual Conference next week. Results to date have shown our conversion (and chemical feed changes) have not adversely affected the water quality.
8. The Plant Manager has entered into the following agreements in accordance to the purchasing policy:
  - Diversified Benefit Services: \$90/month (minimum monthly fee) for 2011 to administer the Section 125 Plan

- Time Warner Cable: \$29.95/month for 36 months for telephone service at Klode Park Pumping Station—cell phones do not work in the building because of topography and electrical noise (~\$60/month with current carrier)
- Time Warner Cable: \$29.95/month for 36 months for internet service at Henry Clay metering site—get status of meters instantly to prevent problems that occurred this year

NEXT MEETING DATE AND ADJOURNMENT

There was no further regular business and the meeting adjourned at 8:32 A.M. The next scheduled meeting will be on Wednesday, October 6, 2010.



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Eric Kiefer, Plant Manager & Recording Secretary

NORTH SHORE WATER COMMISSION  
 Monthly Summary of Operations  
 Month of September, 2010

	WFB.	GLE.	FPT.	MEQ	Totals
M.G. Metered at Plant	36.392	50.570	31.509	0.000	118.471
M.G. Reverse Flow	-0.008	0.000	0.000	0.000	-0.008
M.G. Metered in System	-1.491	7.793	-12.424	6.122	0.000
M.G. Charged to Members	34.893	58.363	19.085	0.000	112.341
M.G. Charged to All Users	34.893	58.363	19.085	6.122	118.463
M.G. Same Month Last Year (Members)	43.955	61.054	22.510	0.000	127.519
M.G. Same Month Last Year (All)	43.955	61.054	22.510	5.331	132.850
Accumulated M.G.	335.953	496.211	165.256	39.887	1037.307
Accumulated M.G. Last Year	354.994	516.195	179.988	44.326	1095.503
Accumulated % of Total Pumped	32.39%	47.84%	15.93%	3.85%	100.00%
Monthly % of Total Pumped	29.45%	49.27%	16.11%	5.17%	100.00%
Accumulated % Pumped of Members	33.68%	49.75%	16.57%		100.00%
Monthly % Pumped of Members	31.06%	51.95%	16.99%		100.00%
Average Daily Pumpage in M.G.	1.163	1.945	0.636	0.204	3.949

Maximum Day Pumpage	4.576 M.G.			
Date	1 st			
Maximum Hour Pumpage	8.436 M.G.D.			
Date	1 st			
Hour	0600			
Average Station Pressure	82.6 P.S.I.			
Avg. Total Cl Residual (Tap)	2.47 mg/L			
Raw Water Temperature (F)	Avg. 49	Max. 54	Min. 45	
Tap Hardness (mg/L)	Avg. 137	Max. 140	Min. 134	
Raw Water MPN Index	3.0			

Electrical Calculations (Klode figures are estimated)

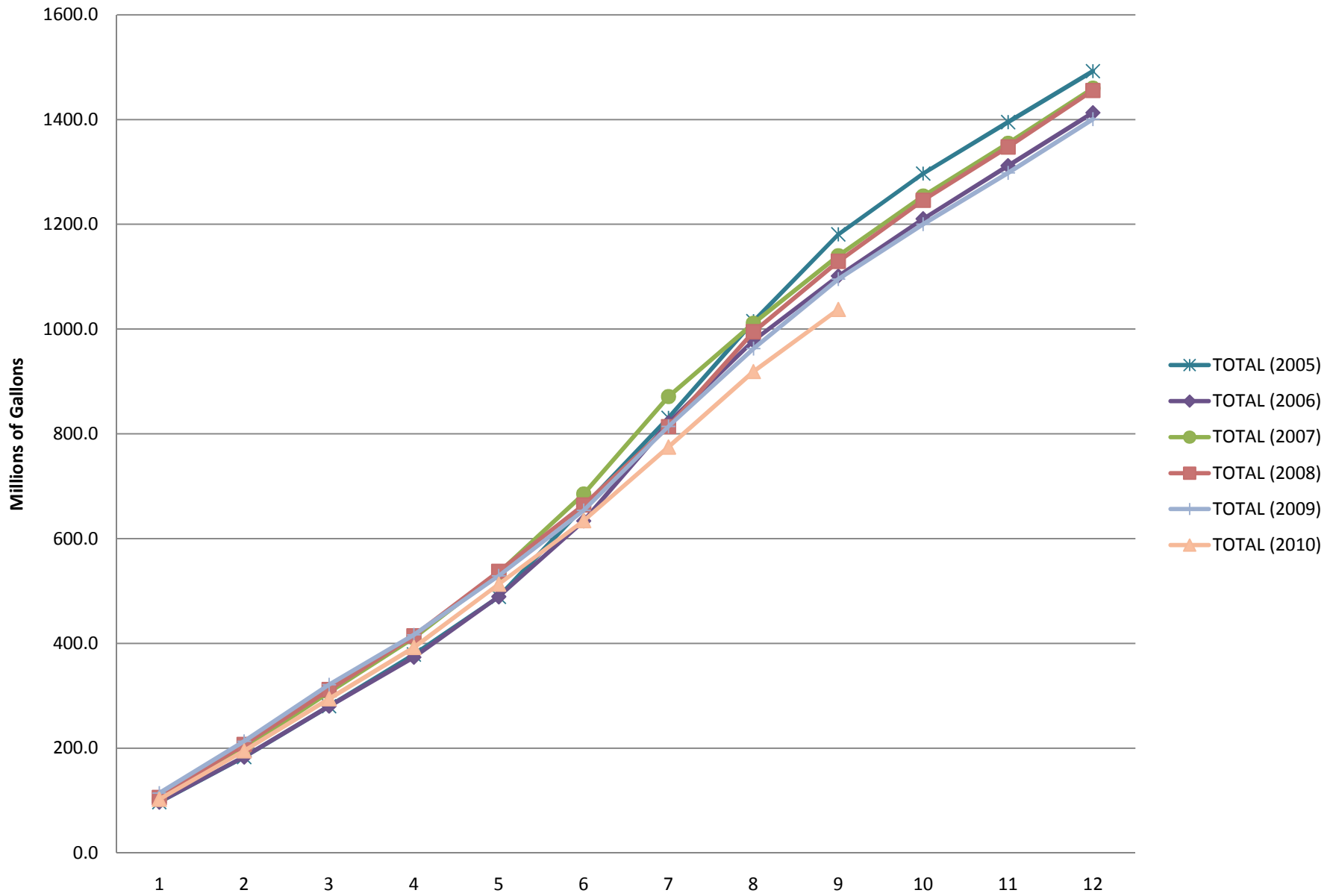
*This Month (Billed)*

Bender On-Peak Consumption	63,525 @ \$0.06985 / kWh	\$4,437	26.3%
Bender Off-Peak Consumption	149,438 @ \$0.04974 / kWh	\$7,433	44.1%
Klode On-Peak Consumption	17,017 @ \$0.07686 / kWh	\$1,308	7.8%
Klode Off-Peak Consumption	32,183 @ \$0.05600 / kWh	\$1,802	10.7%
Other & Energy Credits		\$1,884	11.2%
Electrical Charge / kWh	\$0.07210		
Total Consumption / M.G.	1,974 kWh / M.G.		
\$ / M.G.	\$142.36		

Chemicals Applied	mg/L	\$/M.G.
Ammonium Hydroxide	0.547	\$6.08
Sodium Hypochlorite	3.077	\$13.15
Fluoride	1.100	\$15.09
Alum	5.235	\$12.03
Carbon (PAC)	0.000	\$0.00
Potassium Permanganate	0.000	\$0.00
Phosphates	2.283	\$10.44
Cationic Polymer	0.554	\$4.12
Total Chemical Cost		\$60.91

Water Metering	M.G.	% Diff.
Corrected High Service (Filters)	120.267	1.5
Total High Service	123.801	4.5
Communities	118.463	0.0

# NSWC Annual Pumpage (Jan 2005 - Sep 2010)



NORTH SHORE WATER COMMISSION  
Income Statement  
For the Eight Months Ending August 31, 2010

Acct.	Revenues	Current Month Actual	Current Month Budget	Year to Date Actual	Year to Date Budget	Variance
43310	Whitefish Bay-Operations	\$ 38,895.93	\$ 38,895.93	\$ 311,167.44	\$ 311,167.44	0.00
43320	Fox Point-Operations	19,493.89	19,493.89	155,951.12	155,951.12	0.00
43330	Glendale-Operations	56,415.18	56,415.18	451,321.44	451,321.44	0.00
45100	Interest Income	343.75	0.00	687.50	0.00	687.50
45200	Insurance Policy Dividend	0.00	0.00	1,626.00	0.00	1,626.00
45300	Wholesale Water Sales	5,346.89	0.00	29,416.93	0.00	29,416.93
45400	Mequon Facilities Charges	0.00	0.00	500.00	0.00	500.00
45900	Misc Income	0.00	0.00	900.00	0.00	900.00
45910	Lab Services Income	1,050.00	0.00	8,085.00	0.00	8,085.00
49500	Transfer From Maint Reserve	0.00	0.00	0.00	0.00	0.00
49900	Uncategorized Income	0.00	0.00	0.00	0.00	0.00
	<b>Total Revenues</b>	<b>121,545.64</b>	<b>114,805.00</b>	<b>959,655.43</b>	<b>918,440.00</b>	<b>41,215.43</b>
Acct.	Wholesale Water Expenses					
53300	Wholesale Water Expense	0.00	0.00	0.00	0.00	0.00
	<b>Total Wholesale Water Sales</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Acct.	Source of Supply Expenses					
60100	Labor & Super. of Intake Cri	0.00	0.00	0.00	0.00	0.00
60200	Intake Supplies	0.00	0.00	0.00	0.00	0.00
60500	Maint. of Crib & Wet Well	0.00	750.00	0.00	6,000.00	(6,000.00)
60700	Standby Service - Milwaukee	0.00	291.67	2,700.00	2,333.32	366.68
	<b>Total Source of Supply Expe</b>	<b>0.00</b>	<b>1,041.67</b>	<b>2,700.00</b>	<b>8,333.32</b>	<b>(5,633.32)</b>
Acct.	Pumping Expenses					
62100	Labor & Super. Klode	10,462.17	9,750.00	79,632.66	78,000.00	1,632.66
62200	Electricity	19,946.15	20,666.67	135,486.14	165,333.32	(29,847.18)
62300	Normal Supplies, Klode	317.01	550.00	4,085.70	4,400.00	(314.30)
62400	Unusual Maint., Klode Pump	0.00	0.00	57.33	0.00	57.33
62510	Unusual Maint., Klode Suppl	0.00	166.67	865.20	1,333.32	(468.12)
62520	Unusual Maint., Klode Labor	0.00	166.67	1,196.33	1,333.32	(136.99)
62600	Electricity Demand	0.00	0.00	0.00	0.00	0.00
62700	Unusual Maint., Bender Pum	0.00	333.33	0.00	2,666.68	(2,666.68)
62750	Care of Grounds	508.76	291.67	1,716.01	2,333.32	(617.31)
	<b>Total Pumping Expenses</b>	<b>31,234.09</b>	<b>31,925.01</b>	<b>223,039.37</b>	<b>255,399.96</b>	<b>(32,360.59)</b>
Acct.	Purification Expenses					
63100	Labor & Super., Bender	19,058.52	19,650.00	147,304.28	157,200.00	(9,895.72)
63200	Normal Supplies, Bender	3,345.87	2,841.67	22,802.86	22,733.32	69.54
63300	Heating at Bender	1,789.87	2,833.33	12,929.10	22,666.68	(9,737.58)
63400	Disposal of Sludge	0.00	583.33	3,337.17	4,666.68	(1,329.51)
63510	Unusual Maint., Bender Supp	2,735.55	1,333.33	14,519.71	10,666.68	3,853.03
63520	Unusual Maint., Bender Labo	525.00	1,583.33	13,444.45	12,666.68	777.77
63600	Laboratory	3,961.71	2,083.33	18,796.14	16,666.68	2,129.46
63700	Instrumentation	0.00	1,958.33	20,805.95	15,666.68	5,139.27
63750	Care of Grounds	508.74	291.67	1,715.99	2,333.32	(617.33)
63800	Treatment Chemicals	10,355.97	11,083.33	41,836.27	88,666.68	(46,830.41)
	<b>Total Purification Expenses</b>	<b>42,281.23</b>	<b>44,241.65</b>	<b>297,491.92</b>	<b>353,933.40</b>	<b>(56,441.48)</b>
Acct.	Transmission Main Expenses					
64100	Labor & Super., Trans. Main	0.00	0.00	0.00	0.00	0.00
64200	Trans. Mains- Supplies	0.00	0.00	0.00	0.00	0.00
64300	Meter Reading Supplies	0.00	0.00	0.00	0.00	0.00
64500	Maint. of Reservoir & Clear	0.00	500.00	3,474.10	4,000.00	(525.90)
64600	Maint of Trans Mains	0.00	0.00	0.00	0.00	0.00

NORTH SHORE WATER COMMISSION  
Income Statement  
For the Eight Months Ending August 31, 2010

Acct.		Current Month Actual	Current Month Budget	Year to Date Actual	Year to Date Budget	Variance
64700	Revenues Maint. of Meters	0.00	208.33	4,900.62	1,666.68	3,233.94
	Total Trans. Mains Expenses	0.00	708.33	8,374.72	5,666.68	2,708.04
Acct.	Administration & General Expenses					
92000	Office & Admin. Salaries	6,408.07	7,083.33	54,468.66	56,666.68	(2,198.02)
92100	Office Expenses	444.23	1,180.83	6,825.79	9,446.68	(2,620.89)
92200	Engineering Services	0.00	1,666.67	14,563.89	13,333.32	1,230.57
92300	Professional Services	5,262.81	3,761.67	24,026.02	30,093.32	(6,067.30)
92400	Prop & P.L. Insurance	238.17	4,500.00	1,429.02	36,000.00	(34,570.98)
92500	Injuries & Damages	0.00	0.00	0.00	0.00	0.00
92600	WI Retirement Fund	3,612.04	4,000.00	32,488.46	32,000.00	488.46
92620	Other Employee Benefits	9,976.58	9,541.67	76,802.43	76,333.32	469.11
92700	Bond, Fiscal Agent	0.00	0.00	0.00	0.00	0.00
92800	NSWC Expense	0.00	250.00	1,035.00	2,000.00	(965.00)
92900	Employee Training Expense	177.85	762.50	1,403.98	6,100.00	(4,696.02)
93000	Misc. General Expense	113.22	166.67	1,071.96	1,333.32	(261.36)
93100	Recording Secretary	0.00	108.33	540.00	866.68	(326.68)
93300	Transportation Expense	0.00	133.33	1,241.51	1,066.68	174.83
93500	Maint-Office Equipment	0.00	0.00	0.00	0.00	0.00
93600	General Outdoor Expense	(180.28)	483.33	2,540.03	3,866.68	(1,326.65)
93700	Maint. of 516 W Bender	0.00	0.00	0.00	0.00	0.00
93800	Loss on Investments	0.00	0.00	0.00	0.00	0.00
94000	FICA Taxes	2,442.65	2,833.33	20,410.98	22,666.68	(2,255.70)
94100	Relocation Expense	0.00	0.00	0.00	0.00	0.00
94500	Contingency Expense	0.00	416.67	0.00	3,333.32	(3,333.32)
	Total Adm. & General Expen	28,495.34	36,888.33	238,847.73	295,106.68	(56,258.95)
	Total Expenses	102,010.66	114,804.99	770,453.74	918,440.04	(147,986.30)
	Net Income	\$ 19,534.98	\$ 0.01	\$ 189,201.69	\$ (0.04)	189,201.73

NORTH SHORE WATER COMMISSION  
Income Statement (2 Year Comp.)  
For the Eight Months Ending August 31, 2010

Acct.	Revenues	Current Month Actual	Current Month Last year	Year to Date Actual	Year to Date Last year	Variance
43310	Whitefish Bay-Operations	\$ 38,895.93	\$ 38,697.76	\$ 311,167.44	\$ 309,582.08	1,585.36
43320	Fox Point-Operations	19,493.89	24,882.76	155,951.12	199,062.08	(43,110.96)
43330	Glendale-Operations	56,415.18	49,011.15	451,321.44	392,089.20	59,232.24
45100	Interest Income	343.75	163.61	687.50	3,583.43	(2,895.93)
45200	Insurance Policy Dividend	0.00	0.00	1,626.00	3,890.00	(2,264.00)
45300	Wholesale Water Sales	5,346.89	6,370.64	29,416.93	32,066.62	(2,649.69)
45400	Mequon Facilities Charges	0.00	0.00	500.00	0.00	500.00
45900	Misc Income	0.00	0.00	900.00	4,290.10	(3,390.10)
45910	Lab Services Income	1,050.00	1,590.26	8,085.00	3,360.26	4,724.74
49500	Transfer From Maint Reserve	0.00	0.00	0.00	0.00	0.00
49900	Uncategorized Income	0.00	0.00	0.00	0.00	0.00
	<b>Total Revenues</b>	<b>121,545.64</b>	<b>120,716.18</b>	<b>959,655.43</b>	<b>947,923.77</b>	<b>11,731.66</b>
Acct.	Wholesale Water Expenses					
53300	Wholesale Water Expense	0.00	(120.13)	0.00	(120.13)	120.13
	<b>Total Wholesale Water Sales</b>	<b>0.00</b>	<b>(120.13)</b>	<b>0.00</b>	<b>(120.13)</b>	<b>120.13</b>
Acct.	Source of Supply Expenses					
60100	Labor & Super. of Intake Cri	0.00	0.00	0.00	0.00	0.00
60200	Intake Supplies	0.00	0.00	0.00	0.00	0.00
60500	Maint. of Crib & Wet Well	0.00	2,430.00	0.00	5,900.00	(5,900.00)
60700	Standby Service - Milwaukee	0.00	0.00	2,700.00	2,700.00	0.00
	<b>Total Source of Supply Expe</b>	<b>0.00</b>	<b>2,430.00</b>	<b>2,700.00</b>	<b>8,600.00</b>	<b>(5,900.00)</b>
Acct.	Pumping Expenses					
62100	Labor & Super. Klode	10,462.17	10,773.48	79,632.66	74,532.02	5,100.64
62200	Electricity	19,946.15	20,532.11	135,486.14	142,138.65	(6,652.51)
62300	Normal Supplies, Klode	317.01	831.12	4,085.70	5,017.34	(931.64)
62400	Unusual Maint., Klode Pump	0.00	324.00	57.33	324.00	(266.67)
62510	Unusual Maint., Klode Suppl	0.00	0.00	865.20	0.00	865.20
62520	Unusual Maint., Klode Labor	0.00	0.00	1,196.33	0.00	1,196.33
62600	Electricity Demand	0.00	0.00	0.00	0.00	0.00
62700	Unusual Maint., Bender Pum	0.00	0.00	0.00	0.00	0.00
62750	Care of Grounds	508.76	473.00	1,716.01	1,233.37	482.64
	<b>Total Pumping Expenses</b>	<b>31,234.09</b>	<b>32,933.71</b>	<b>223,039.37</b>	<b>223,245.38</b>	<b>(206.01)</b>
Acct.	Purification Expenses					
63100	Labor & Super., Bender	19,058.52	15,380.97	147,304.28	142,711.70	4,592.58
63200	Normal Supplies, Bender	3,345.87	2,821.97	22,802.86	22,236.69	566.17
63300	Heating at Bender	1,789.87	25.48	12,929.10	19,559.23	(6,630.13)
63400	Disposal of Sludge	0.00	0.00	3,337.17	1,846.88	1,490.29
63510	Unusual Maint., Bender Supp	2,735.55	0.00	14,519.71	15,072.74	(553.03)
63520	Unusual Maint., Bender Labo	525.00	0.00	13,444.45	6,338.73	7,105.72
63600	Laboratory	3,961.71	3,109.21	18,796.14	18,007.74	788.40
63700	Instrumentation	0.00	0.00	20,805.95	20,096.87	709.08
63750	Care of Grounds	508.74	473.00	1,715.99	1,078.00	637.99
63800	Treatment Chemicals	10,355.97	16,424.57	41,836.27	76,821.85	(34,985.58)
	<b>Total Purification Expenses</b>	<b>42,281.23</b>	<b>38,235.20</b>	<b>297,491.92</b>	<b>323,770.43</b>	<b>(26,278.51)</b>
Acct.	Transmission Main Expenses					
64100	Labor & Super., Trans. Main	0.00	0.00	0.00	0.00	0.00
64200	Trans. Mains- Supplies	0.00	0.00	0.00	0.00	0.00
64300	Meter Reading Supplies	0.00	0.00	0.00	0.00	0.00
64500	Maint. of Reservoir & Clear	0.00	0.00	3,474.10	6,683.60	(3,209.50)
64600	Maint of Trans Mains	0.00	0.00	0.00	0.00	0.00

NORTH SHORE WATER COMMISSION  
Income Statement (2 Year Comp.)  
For the Eight Months Ending August 31, 2010

Acct.		Current Month Actual	Current Month Last year	Year to Date Actual	Year to Date Last year	Variance
64700	Maint. of Meters	0.00	0.00	4,900.62	0.00	4,900.62
	Total Trans. Mains Expenses	0.00	0.00	8,374.72	6,683.60	1,691.12
Acct.	Administration & General Expenses					
92000	Office & Admin. Salaries	6,408.07	6,178.70	54,468.66	51,027.85	3,440.81
92100	Office Expenses	444.23	1,098.38	6,825.79	9,445.12	(2,619.33)
92200	Engineering Services	0.00	3,604.30	14,563.89	14,570.40	(6.51)
92300	Professional Services	5,262.81	2,635.50	24,026.02	21,435.71	2,590.31
92400	Prop & P.L. Insurance	238.17	0.00	1,429.02	45,370.00	(43,940.98)
92500	Injuries & Damages	0.00	0.00	0.00	0.00	0.00
92600	WI Retirement Fund	3,612.04	3,541.43	32,488.46	28,544.67	3,943.79
92620	Other Employee Benefits	9,976.58	9,115.91	76,802.43	65,467.14	11,335.29
92700	Bond, Fiscal Agent	0.00	0.00	0.00	0.00	0.00
92800	NSWC Expense	0.00	0.00	1,035.00	125.85	909.15
92900	Employee Training Expense	177.85	0.00	1,403.98	4,531.40	(3,127.42)
93000	Misc. General Expense	113.22	136.11	1,071.96	781.58	290.38
93100	Recording Secretary	0.00	90.00	540.00	720.00	(180.00)
93300	Transportation Expense	0.00	576.83	1,241.51	800.74	440.77
93500	Maint-Office Equipment	0.00	0.00	0.00	0.00	0.00
93600	General Outdoor Expense	(180.28)	21.98	2,540.03	1,757.40	782.63
93700	Maint. of 516 W Bender	0.00	0.00	0.00	0.00	0.00
93800	Loss on Investments	0.00	0.00	0.00	0.00	0.00
94000	FICA Taxes	2,442.65	2,446.47	20,410.98	20,274.32	136.66
94100	Relocation Expense	0.00	0.00	0.00	0.00	0.00
94500	Contingency Expense	0.00	0.00	0.00	0.00	0.00
	Total Adm. & General Expen	28,495.34	29,445.61	238,847.73	264,852.18	(26,004.45)
	Total Expenses	102,010.66	102,924.39	770,453.74	827,031.46	(56,577.72)
	Net Income	\$ 19,534.98	\$ 17,791.79	\$ 189,201.69	\$ 120,892.31	68,309.38

NORTH SHORE WATER COMMISSION  
 Operating Fund Balance Sheet  
 August 31, 2010 and 2009

	<u>Current Year</u>	<u>Prior Year</u>
<b>ASSETS</b>		
Cash		
Petty Cash	\$ 50.00	50.00
Checking	151,737.52	85,356.51
Temporary Investments	26,223.35	25,964.73
	<hr/>	<hr/>
Total Cash	178,010.87	111,371.24
Storm Water Testing Inventory	244.46	0.00
Accounts Receivable	23,863.16	29,531.66
Prepaid Expenses	47,836.07	9,532.50
Due to/from Maint Reserve Fund	101,498.09	104,119.05
	<hr/>	<hr/>
Total Assets	\$ 351,452.65	254,554.45
	<hr/> <hr/>	<hr/> <hr/>
<b>LIABILITIES AND FUND BALANCE</b>		
<b>Liabilities</b>		
Accounts Payable	\$ 86,327.10	57,628.70
Payable to Municipalities	2,340.39	0.00
Payroll Liabilities	948.77	0.00
Wisconsin State Payable	0.00	934.87
Flexible Spending Accounts	5,564.72	(241.07)
Whitefish Bay-Water Sales	0.00	1,077.41
Fox Point-Water Sales	0.00	3,232.25
Glendale-Water Sales	0.00	1,077.41
	<hr/>	<hr/>
Total Liabilities	95,180.98	63,709.57
<b>Fund Balances:</b>		
<b>Operating Fund: Beginning of Year</b>		
Whitefish Bay - Oper Fund	16,285.05	12,759.17
Fox Point - Oper Fund	8,584.16	5,942.35
Glendale - Oper Fund	22,671.24	16,632.12
	<hr/>	<hr/>
Total Operating Fund	47,540.45	35,333.64
<b>Emergency Fund: Beginning of Year</b>		
Whitefish Bay Emergency	8,127.50	8,127.50
Fox Point Emergency	5,372.50	5,372.50
Glendale Emergency	11,500.00	11,500.00
	<hr/>	<hr/>
Total Emergency Fund	25,000.00	25,000.00
<b>Current Year Revenues Over (Under) Expenses</b>		
	<hr/>	<hr/>
Total Fund Balances	261,742.14	181,225.95
	<hr/>	<hr/>
Total Liabilities & Fund Balance	\$ 356,923.12	244,935.52
	<hr/> <hr/>	<hr/> <hr/>

NORTH SHORE WATER COMMISSION  
Maintenance Reserve Capital Projects Fund Balance Sheet  
August 31, 2010 and 2009

	<u>Current Year</u>	<u>Prior Year</u>
<b>ASSETS</b>		
Savings	\$ 565,501.96	584,240.10
Receivable for Asset Additions	0.00	9,865.46
Due to/from Operations Fund	(101,498.09)	(104,119.05)
	<hr/>	<hr/>
Total Assets	\$ 464,003.87	489,986.51
	<hr/> <hr/>	<hr/> <hr/>
<b>LIABILITIES AND FUND BALANCE</b>		
<b>Liabilities</b>		
Accounts Payable Cap Projects	\$ 17,159.15	10,465.46
	<hr/>	<hr/>
Total Liabilities	17,159.15	10,465.46
<b>Fund Balances:</b>		
<b>Reserve Fund: Beginning of Year</b>		
Whitefish Bay Maint Reserve	220,013.10	243,428.32
Fox Point Maint Reserve	34,666.81	(8,270.18)
Glendale Maint Reserve	247,656.98	344,234.29
	<hr/>	<hr/>
Total Reserve Fund	502,336.89	579,392.43
Current Year Revenues Over (Under) Expenses	(60,962.64)	(90,252.45)
	<hr/>	<hr/>
Total Fund Balances	441,374.25	489,139.98
	<hr/>	<hr/>
Total Liabilities & Fund Balance	\$ 458,533.40	499,605.44
	<hr/> <hr/>	<hr/> <hr/>

NORTH SHORE WATER COMMISSION  
Income Statement  
For the Eight Months Ending August 31, 2010

	Current Month This Year	Current Month Last Year	Year to Date This Year	Year to Date Last Year
<b>Revenues</b>				
Whitefish Bay-Maint Reserve	\$ 0.00	\$ 0.00	\$ 1,715.96	\$ 0.00
Fox Point-Maint Reserve	0.00	0.00	815.06	0.00
Glendale-Maint Reserve	0.00	0.00	1,366.67	0.00
Interest	106.41	0.00	792.26	0.00
Wholesale Water Sales	4,320.72	5,274.13	23,936.46	22,405.96
	<hr/>	<hr/>	<hr/>	<hr/>
Total Revenues	4,427.13	5,274.13	28,626.41	22,405.96
	<hr/>	<hr/>	<hr/>	<hr/>
<b>Expenses</b>				
Capital Outlays Maint Reserve	23,039.15	600.00	89,589.05	112,658.41
	<hr/>	<hr/>	<hr/>	<hr/>
Total Expenses	23,039.15	600.00	89,589.05	112,658.41
	<hr/>	<hr/>	<hr/>	<hr/>
Net Income	\$ (18,612.02)	\$ 4,674.13	\$ (60,962.64)	\$ (90,252.45)
	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>

Alexander Chemical (treatment chemical: fluoride)	16,502.40
American Water Works Association (membership renewal)	1,777.00
AT&T (Klode phone)	62.08
B&B Electronics (instrumentation supplies)	210.61
Batteries Plus (tractor battery)	67.50
Chicago Suburban Express (shipping)	51.71
Cintas (uniform and janitorial supplies)	403.89
Diversified Benefit Services (section 125 plan administration)	92.64
EMS (motors for sludge pumps)	1,110.00
Fuchs & Boyle (legal service)	107.25
Glendale Water Utility (environmental and storm charges for Bender)	400.50
Grainger (office supplies, hardware, first aid supplies, electrical supplies, & locks)	719.32
Graybar (wire and conduit)	181.35
Great America Leasing Company (office copier lease and set up fee)	156.50
Hach (lab supplies)	263.66
Home Depot (leveling compound for sodium hypochlorite containment area)	511.48
Hydrite (treatment chemical: aqua ammonia)	850.00
KA Steel (treatment chemical: sodium hypochlorite)	2,557.51
Kaul Oil Company (fuel for tractor)	213.29
Konecranes (overhead hoist inspection)	244.00
McMaster-Carr (electric supplies and hardware)	811.69
Rotroff Jeanson (monthly accounting service)	875.00
Starnet Technologies (keypads for VFDs to replace displays)	2,747.52
Strand Associates (engineering services)	585.23
Superior Chemical Company (cleaning supplies)	89.55
Time Warner Cable (internet service)	764.80
Underwriters Labs (water analysis)	153.00
UPS Store (shipping)	385.00
US Cellular (cell phones)	54.77
USA Bluebook (fluoride tank lid)	41.25
Village Ace Hardware (hose cap, soil, grass seed, and tractor fuse)	38.04
Village of Fox Point (fuel for truck)	58.32
Waste Management (waste disposal)	344.32
We Energies (Bender electric)	12,864.90
We Energies (Klode electric-estimate)	4,000.00
We Energies (Klode gas)	19.74
We Energies (Henry Clay electric)	3.82
We Energies (Green Tree electric)	46.42
Wisconsin State Lab of Hygiene (fluoride analysis)	40.00
	SUB-TOTAL
	\$50,406.06
<u>Maintenance Reserve</u>	
Graybar (generator trip unit replacement)	3,230.24
	SUB-TOTAL
	\$3,230.24
	TOTAL
	\$53,636.30

9/30/2010 Checking account balance \$163,660.94

8/31/2010 Local Government Investment Pool (9/30 statement not available yet) \$565,501.96

**North Shore Water Commission**  
Reservoir Level Monitoring Project  
October 6, 2010

An invoice from McMaster-Carr for materials to be used in the Reservoir Level Monitoring Project have been reviewed and approved by the North Shore Water Commission.

The payment request is for \$882.30. The proportionate costs for the respective municipalities are as follows:

Whitefish Bay	35.44%	\$312.68
Fox Point	22.30%	\$196.76
Glendale	42.26%	\$372.86
		<u>\$882.30</u>

Please remember that the three municipalities must deposit these above amounts into the North Shore Water Commission Operating Account before payment can be made to McMaster-Carr. Your prompt attention to this matter is appreciated.

Respectfully,

---

Eric Kiefer  
October 6, 2010



Elmhurst, IL

# INVOICE

Bill To:  
ATTN: ERIC KIEFER

NORTH SHORE WATER COMMISSION  
400 W BENDER RD  
GLENDALE WI 53217-4103

Shipped To:

NORTH SHORE WATER COMMISSION  
400 W BENDER RD  
GLENDALE WI 53217-4103

ATTN: ERIC KIEFER

Order Placed By: ERIC KIEFER  
Customer Account Number: 236206000

Invoice Number: 66518457  
Invoice Date: 9/28/2010  
Purchase Order: RESERVOIRMOD092810  
McMaster-Carr Number: 6790984-00  
Invoice Total: \$882.30  
Date Due: 10/28/2010  
Mail Payment To: McMaster-Carr Supply Co.  
P.O. Box 7690  
Chicago, IL 60680-7690  
U.S.A.

You may deduct \$17.51 if paid on or before 10/08/10.  
Terms: 2% 10 Days, Net 30 Days, on Merchandise Only.

Line	McMaster Part Number	Description/Customer ID #	You Ordered	We Shipped	Balance Due	Unit Price	Extended Amount
1	9557K475	EPDM O-RING, AS568A DASH NUMBER 114	1 PK	1	0	9.81 PK	9.81
2	9318T13	PRECISION WOVEN NYLON MESH, 20.3 X 20.3 MESH, .0335" OPENING, 42" W, 1' LENGTH	1 FT	1	0	9.70 FT	9.70
3	5016K165	WHITE POLYPRO COMPRESSION TUBE FITTING, 90 DEG ELBOW FOR 3/8" TUBE OD X 3/8" NPT FEM PIPE	1 PK	1	0	9.77 PK	9.77
4	5016K444	WHITE POLYPRO COMPRESSION TUBE FITTING, ADAPTER FOR 3/8" TUBE OD X 3/8" NPT MALE PIPE	2 PK	2	0	5.60 PK	11.20
5	69915K49	NYLON LIQUID-TIGHT CORD GRIP (NEMA 6), STRAIGHT FLEX, PG7, .11"-.26" CORD DIA	5 EA	5	0	2.64 EA	13.20
6	69915K64	NYLON LIQUID-TIGHT CORD GRIP (NEMA 6), STRAIGHT FLEX, 1/2" NPT, .20"-.35" CORD DIA	5 EA	5	0	3.64 EA	18.20
7	8542K25	STRUCTURAL FIBERGLASS ANGLE, 2" X 2" LEG LENGTHS, 1/4" WALL THICK, 10'L	2 EA	2	0	51.33 EA	102.66
8	8537K46	STRUCTURAL FIBERGLASS (FRP) SHEET, 1/2" THICK, 24" X 24"	4 EA	4	0	121.98 EA	487.92
9	91772A153	18-8 SS PAN HEAD PHILLIPS MACHINE SCREW, 6-32 THREAD, 1" LENGTH	1 PK	1	0	6.49 PK	6.49
10	91772A160	18-8 SS PAN HEAD PHILLIPS MACHINE SCREW, 6-32 THREAD, 2" LENGTH	1 PK	1	0	9.88 PK	9.88
11	92394A113	18-8 SS PRESS-FIT INSERT WITHOUT FLANGE, 6-32 INTERNAL THREAD, 1/4" LENGTH	8 PK	8	0	8.44 PK	67.52
12	92394A116	18-8 SS PRESS-FIT INSERT WITHOUT FLANGE, 1/4"-20 INTERNAL THREAD, 1/2" LENGTH	8 PK	8	0	10.63 PK	85.04
13	94804A029	TYPE 316 STAINLESS STEEL HEX NUT, 1/4"-20 THREAD SIZE, 7/16" WIDTH, 7/32" HEIGHT	1 PK	1	0	10.10 PK	10.10

Please call us at 630-600-3600, fax us at 630-834-9427  
or email us at CHI.SALES@MCMASTER.COM Federal ID Number 36-1458720  
with any questions about this invoice.  
MP



Elmhurst, IL

# INVOICE

**Invoice Number:** 66518457  
**Invoice Date:** 9/28/2010  
**Purchase Order:** RESERVOIRMOD092810

Continued From Page 1

→

Line	McMaster Part Number	Description/Customer ID #	You Ordered	We Shipped	Balance Due	Unit Price	Extended Amount
14	93190A554	TYPE 316 SS FULLY THREADED HEX HEAD CAP SCREW, 1/4"-20 THREAD, 3" LENGTH	3 PK	3	0	11.26 PK	33.78

Merchandise Amount: 875.27  
 Shipping Charge: 7.03  
**Invoice Total: \$882.30**

The material billed on this invoice was shipped as follows:

**McMaster Packing List Number: 6790984-01**    **Shipped Via: UPS CACH on September 28, 2010**  
**Total Packages: 1**    **Total Weight: 21 lbs**  
**McMaster Packing List Number: 6790984-02**    **Shipped Via: C S X on September 28, 2010**  
**Total Packages: 2**    **Total Weight: 110 lbs**

## **North Shore Water Commission**

### **Preliminary Study of the Effects Resulting from the Consolidation of Water Utility Services**

October 1, 2010

Eric Kiefer

#### **Introduction**

The North Shore Water Commission is producing less water every year as demand drops from its member utilities and wholesale customer. In addition to pursuing additional wholesale water and membership opportunities to increase demand, the Commission and its member utilities may want to consider evaluating alternative methods of operating its infrastructure to reduce costs. One alternative that merits investigation is reorganizing labor so that all water utility labor is performed by a single entity instead of four entities. Another alternative would be dissolving the existing member utilities and Commission and creating a new "North Shore Water Utility." The last alternative would be examining the feasibility of developing one large water utility including outlying communities such as Shorewood, Bayside, Mequon, and Brown Deer.

#### **Scope of Analysis**

If the Commission feels such a study is appropriate, the Plant Manager would begin analyzing one or more alternatives without additional compensation. The study would involve studying the effects of reorganization including the following areas:

- operating cost
- ability to respond to emergencies
- customer service
- staffing level
- Public Service Commission filings
- programs for valve exercising
- programs for flushing programs
- Department of Public Works staffing level
- construction supervision
- coordination with municipalities regarding water-related construction projects
- meter reading
- meter replacements
- billing services
- plant maintenance
- equipment sharing
- engineering

- water loss auditing
- digger's hotline response
- cross connection program
- recordkeeping
- water rates
- policies
- accounting practices and internal controls
- funding
- decision-making power by utility owners
- labor agreements
- training

### **Rating the Effects**

The analysis will be looking at many different aspects of the proposed consolidation, many of which have no standard benchmark or metric to allow for quantification. These aspects will, therefore, be rated by a simple qualitative scale of "better," "same," "worse," or "unknown" than the current configuration supported by logical reasoning.

Any monetary calculations will be presented in ranges with a span of \$20,000 (i.e. a savings \$0 to \$20K, or a loss of \$20K to \$40K). All other qualitative calculations will be reported as appropriate.

Without prioritizing the categories or assigning a weight to each score, this level of analysis is not able to show whether consolidation make sense--unless every aspect scores "better" or demonstrates a savings. Nevertheless, the analysis is still useful in showing what would improve (or not) and by how much. At the surface, if it looks like consolidation is significantly beneficial for all of the entities involved in the analysis, then a more comprehensive study should be considered in the future.

### **Implementation**

Developing an implementation plan would be out of scope for this report. The report may provide some strategies for transitioning to a consolidated workforce just to demonstrate how it could work.

### **Schedule**

The analysis would begin in the end of October, but because of upcoming projects, the analysis would probably finish in February.

**October 6, 2010**

**Manager's report of completed operational projects  
September 8<sup>th</sup> – October 5<sup>th</sup>**

1. Plant staff applied a leveling compound in the sodium hypochlorite containment area to smooth and level the surface the new bulk tanks will be sitting on. This surface has been treated with an epoxy paint to protect against chemical exposure. Plant staff anticipates placing the new tanks in the containment area this month.
2. A replacement trip unit has been purchased for one of the breakers in the Bender transfer switch. Arrangements are being made for an electrical engineer from AC Engineering to replace trip unit later this month.
3. Plant staff installed the new fluoride transfer pumps; Miller Electric is installing new circuits to these pumps and the new sodium hypochlorite transfer pumps.
4. Plant Manager presented research findings at the WWA Annual Conference. The oral presentation was well attended; the poster was awarded 2<sup>nd</sup> place. Operator Technician Andrew Cegielski and his team took first place in the Top Ops competition—they will be attending the national conference at the expense of AWWA to compete at the national level next year.
5. The North Shore Fire Department and the North Shore Water Commission conducted 3 days of confined space training in treatment basin #4. The training was very successful for both parties.
6. In an effort to maximize pump efficiencies and minimize electrical expenses, the plant will be experimenting with a new mode of operation starting this month. From approximately 8:00 A.M. to 2:00 P.M. during most weekdays, the plant will shut down its production equipment and run off of the reservoirs. When running, the plant will be running at a more efficient velocity and, overall, more electricity will be consumed off-peak.
7. Sludge pump motors for pumps #1 and #2 in the lower basement shorted. New motors were purchased.
8. The Plant Manager has entered into the following agreements in accordance to the purchasing policy:
  - Office Copying Equipment LTD: \$0.0149 per copy/print (no minimum) for all supplies, repair parts, and labor for maintaining Sharp MXB401 office machine.
  - Great America Leasing: \$87.00/month for 60 month lease of Sharp MXB401 office machine.

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Date	Whitefish Bay					Henry Clay Meter		Glendale					Green Tree Meter		Fox Point					Bayside Meters		School Road Meters		Total		Monthly	Wholesale					
	Max (MGD)	Daily (MG)	Daily %	Cumul. (MG)	Cumul. %	To WFB (MG)	To Glen (MG)	Max (MGD)	Daily (MG)	Daily %	Cumul. (MG)	Cumul. %	To FP (MG)	To Glen (MG)	Max (MGD)	Daily (MG)	Daily %	Cumul. (MG)	Cumul. %	P. Wash (MG)	Greenv. (MG)	To WFB (MG)	To FoxPt (MG)	Daily (MG)	Cumul. (MG)	Pumpage RANK						
9/1/2010	3.694	1.441	31.49%	1.441	31.49%	0.000	0.101	3.382	1.980	43.27%	1.980	43.27%	0.000	0.277	2.034	1.155	25.24%	1.155	25.24%	0.168	0.025	0.004	0.000	4.576	4.576	1						
9/2/2010	3.624	1.422	31.54%	2.863	31.52%	0.000	0.122	3.160	1.995	44.25%	3.975	43.76%	0.000	0.288	1.966	1.091	24.20%	2.246	24.72%	0.136	0.022	0.004	0.000	4.508	9.084	3						
9/3/2010	3.393	1.112	30.30%	3.975	31.17%	0.000	0.047	2.852	1.560	42.51%	5.535	43.40%	0.000	0.201	1.795	0.998	27.19%	3.244	25.44%	0.138	0.021	0.002	0.000	3.670	12.754	22						
9/4/2010	3.308	1.066	29.78%	5.041	30.86%	0.006	0.000	2.613	1.545	43.17%	7.080	43.35%	0.000	0.196	1.466	0.968	27.05%	4.212	25.79%	0.126	0.021	0.001	0.000	3.579	16.333	25						
9/5/2010	3.271	1.071	30.31%	6.112	30.76%	0.073	0.000	2.675	1.484	41.99%	8.564	43.11%	0.000	0.181	1.468	0.979	27.70%	5.191	26.13%	0.133	0.021	0.001	0.000	3.534	19.867	27						
9/6/2010	3.308	1.132	30.05%	7.244	30.65%	0.039	0.000	2.953	1.594	42.31%	10.158	42.98%	0.000	0.195	1.399	1.041	27.63%	6.232	26.37%	0.145	0.023	0.001	0.000	3.767	23.634	21						
9/7/2010	3.508	1.208	31.08%	8.452	30.71%	0.000	0.067	2.729	1.662	42.76%	11.820	42.95%	0.000	0.205	1.936	1.017	26.16%	7.249	26.34%	0.148	0.023	0.002	0.000	3.887	27.521	19						
9/8/2010	3.519	1.302	31.11%	9.754	30.76%	0.000	0.075	2.961	1.788	42.72%	13.608	42.92%	0.000	0.226	1.910	1.095	26.16%	8.344	26.32%	0.157	0.022	0.003	0.000	4.185	31.706	8						
9/9/2010	3.596	1.267	30.59%	11.021	30.74%	0.000	0.112	3.329	1.814	43.80%	15.422	43.02%	0.000	0.221	1.938	1.061	25.62%	9.405	26.24%	0.142	0.023	0.003	0.000	4.142	35.848	10						
9/10/2010	3.545	1.278	30.34%	12.299	30.70%	0.000	0.123	3.278	1.818	43.16%	17.240	43.04%	0.000	0.221	1.985	1.116	26.50%	10.521	26.26%	0.150	0.022	0.002	0.000	4.212	40.060	7						
9/11/2010	3.568	1.451	37.05%	13.750	31.27%	0.000	0.003	2.878	1.548	39.53%	18.788	42.72%	0.000	0.187	1.680	0.917	23.42%	11.438	26.01%	0.120	0.022	0.006	0.000	3.916	43.976	17						
9/12/2010	3.293	0.891	26.58%	14.641	30.94%	0.000	0.003	2.524	1.504	44.87%	20.292	42.88%	0.000	0.166	1.477	0.957	28.55%	12.395	26.19%	0.134	0.026	0.000	0.001	3.352	47.328	29						
9/13/2010	3.346	1.276	30.65%	15.917	30.91%	0.000	0.046	3.229	1.792	43.05%	22.084	42.89%	0.000	0.227	1.996	1.095	26.30%	13.490	26.20%	0.160	0.023	0.002	0.000	4.163	51.491	9						
9/14/2010	3.524	1.360	31.88%	17.277	30.99%	0.000	0.104	3.361	1.859	43.58%	23.943	42.94%	0.000	0.259	2.092	1.047	24.54%	14.537	26.07%	0.136	0.021	0.004	0.000	4.266	55.757	4						
9/15/2010	3.504	1.181	30.02%	18.458	30.92%	0.000	0.098	2.949	1.693	43.04%	25.636	42.95%	0.000	0.205	1.998	1.060	26.94%	15.597	26.13%	0.144	0.026	0.002	0.000	3.934	59.691	15						
9/16/2010	3.359	1.222	31.28%	19.680	30.94%	0.000	0.104	3.222	1.712	43.82%	27.348	43.00%	0.000	0.227	1.947	0.973	24.90%	16.570	26.05%	0.128	0.024	0.003	0.000	3.907	63.598	18						
9/17/2010	3.534	1.322	32.08%	21.002	31.01%	0.000	0.071	2.893	1.732	42.03%	29.080	42.94%	0.000	0.228	2.186	1.067	25.89%	17.637	26.04%	0.150	0.024	0.003	0.000	4.121	67.719	12						
9/18/2010	3.229	1.003	28.90%	22.005	30.91%	0.000	0.078	2.611	1.547	44.57%	30.627	43.02%	0.000	0.197	1.477	0.921	26.53%	18.558	26.07%	0.121	0.026	0.001	0.000	3.471	71.190	28						
9/19/2010	3.316	1.091	30.61%	23.096	30.90%	0.001	0.000	2.558	1.552	43.55%	32.179	43.05%	0.000	0.198	1.329	0.921	25.84%	19.479	26.06%	0.124	0.024	0.001	0.000	3.564	74.754	26						
9/20/2010	3.335	1.296	30.70%	24.392	30.89%	0.000	0.058	3.068	1.763	41.76%	33.942	42.98%	0.000	0.192	2.395	1.163	27.55%	20.642	26.14%	0.142	0.025	0.002	0.000	4.222	78.976	6						
9/21/2010	3.308	1.264	27.91%	25.656	30.72%	0.000	0.131	3.017	1.836	40.54%	35.778	42.85%	0.000	0.142	2.382	1.429	31.55%	22.071	26.43%	0.133	0.022	0.000	0.001	4.529	83.505	2						
9/22/2010	3.570	1.192	27.97%	26.848	30.59%	0.000	0.088	2.992	1.681	39.44%	37.459	42.68%	0.000	0.117	2.451	1.389	32.59%	23.460	26.73%	0.133	0.023	0.000	0.002	4.262	87.767	5						
9/23/2010	3.391	1.166	30.17%	28.014	30.57%	0.000	0.046	3.335	1.648	42.64%	39.107	42.68%	0.000	0.205	2.218	1.051	27.19%	24.511	26.75%	0.133	0.023	0.001	0.000	3.865	91.632	20						
9/24/2010	3.558	1.264	30.94%	29.278	30.59%	0.000	0.109	2.925	1.775	43.45%	40.882	42.71%	0.000	0.247	1.917	1.046	25.61%	25.557	26.70%	0.155	0.022	0.003	0.000	4.085	95.717	13						
9/25/2010	3.291	0.979	29.64%	30.257	30.56%	0.000	0.006	2.609	1.416	42.87%	42.298	42.72%	0.000	0.162	1.521	0.908	27.49%	26.465	26.73%	0.122	0.024	0.000	0.000	3.303	99.020	30						
9/26/2010	3.370	1.160	31.72%	31.417	30.60%	0.055	0.000	3.008	1.552	42.44%	43.850	42.71%	0.000	0.187	1.637	0.945	25.84%	27.410	26.70%	0.125	0.025	0.002	0.000	3.657	102.677	24						
9/27/2010	3.438	1.228	31.22%	32.645	30.62%	0.000	0.000	2.906	1.651	41.98%	45.501	42.68%	0.000	0.209	1.827	1.054	26.80%	28.464	26.70%	0.149	0.024	0.002	0.000	3.933	106.610	16						
9/28/2010	3.391	1.170	31.96%	33.815	30.67%	0.000	0.025	2.964	1.549	42.31%	47.050	42.67%	0.000	0.189	2.079	0.942	25.73%	29.406	26.67%	0.130	0.022	0.003	0.000	3.661	110.271	23						
9/29/2010	3.399	1.310	31.69%	35.125	30.70%	0.000	0.055	2.979	1.759	42.55%	48.809	42.66%	0.000	0.238	2.062	1.065	25.76%	30.471	26.63%	0.138	0.023	0.003	0.000	4.134	114.405	11						
9/30/2010	3.331	1.267	31.16%	36.392	30.72%	0.000	0.052	3.308	1.761	43.31%	50.570	42.69%	0.000	0.250	2.143	1.038	25.53%	31.509	26.60%	0.130	0.025	0.002	0.000	4.066	118.471	14						
<b>Plant Meters (MG)</b>	36.392					0.174	1.724	50.570					0.000	6.243	31.509					4.150	0.697	0.063	0.004	118.471								
<b>Max</b>	3.694	1.451	37.05%					3.382	1.995	44.87%					2.451	1.429	32.59%								4.576							
<b>Ave</b>	3.427	1.213	30.69%					2.976	1.686	42.71%					1.890	1.050	26.60%								3.949							
<b>Min</b>	3.229	0.891	26.58%					2.524	1.416	39.44%					1.329	0.908	23.42%								3.303							
<b>Distribution SCADA Read</b>	-1.491							7.793							-12.424														-6.122	Mequon	6.122	
<b>Dist. Adj. (Diff from Act.)</b>						0.000	0.000						0.000	0.000						0.997	0.278	0.000	0.000									
<b>Backward Flow at Plant</b>	-0.008							0							0																-0.008	
<b>Total MG Charged</b>	34.893		335.953					58.363			496.211				19.085			165.256						112.341	997.42		39.887					
<b>% Charged (month)</b>	31.06%							51.95%							16.99%																	
<b>% Charged (cumul.)</b>	33.68%							49.75%							16.57%																	

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**Flows Uncorrected for Distribution Activity**

Date	High Service PSI (Gauge #1)			High Service PSI (Gauge #2)			WFB Tower PSI			Glen Standpipe PSI			FPT Standpipe PSI			WFB Standpipe Level (ft)			Glen Standpipe Level (ft)			FPT Tower Level (ft)			Monthly Pumpage RANK	Sum Master Meters (MGD)			WFB Flow (MGD)			Glen Flow (MGD)			FPT Flow (MGD)			
	Max	Ave	Min	Max	Ave	Min	Max	Ave	Min	Max	Ave	Min	Max	Ave	Min	Max	Ave	Min	Max	Ave	Min	Max	Ave	Min		Max	Ave	Min	Max	Ave	Min	Max	Ave	Min	Max	Ave	Min	Max
9/1/2010	87.65	82.70	78.56	88.02	83.14	79.26	70.14	65.25	57.41	56.31	46.52	33.83	57.73	55.23	51.24	33.02	24.21	15.17	68.67	51.72	35.59	-0.76	-0.77	-0.78	1	8.44	4.58	1.96	3.69	1.44	0.00	3.38	1.98	1.04	2.03	1.15	0.72	
9/2/2010	85.73	82.90	78.44	86.38	83.36	79.12	70.78	65.60	57.36	56.87	45.71	33.54	58.70	55.54	50.67	33.41	25.18	17.42	71.11	57.59	43.11	-0.76	-0.77	-0.78	3	7.75	4.51	1.97	3.62	1.42	0.00	3.16	1.99	1.06	1.97	1.09	0.69	
9/3/2010	87.62	82.63	78.51	87.91	83.09	79.06	71.80	65.82	57.73	61.09	49.29	33.81	60.31	55.39	51.07	33.48	25.86	16.62	71.03	59.64	43.27	-0.76	-0.77	-0.78	22	7.64	3.67	1.91	3.39	1.11	0.00	2.85	1.56	0.60	1.80	1.00	0.45	
9/4/2010	85.85	82.21	78.78	86.35	82.68	79.25	69.82	65.55	57.76	55.24	48.28	33.49	59.67	55.02	51.50	33.30	25.47	16.05	71.17	58.91	43.02	-0.76	-0.77	-0.78	25	7.14	3.58	1.92	3.31	1.07	0.00	2.61	1.55	1.01	1.47	0.97	0.55	
9/5/2010	85.87	82.11	80.19	85.95	82.59	80.60	69.71	65.45	57.73	55.67	48.36	34.34	58.32	54.90	52.98	33.21	25.11	15.94	71.06	58.88	43.88	-0.76	-0.77	-0.78	27	7.02	3.54	1.90	3.27	1.07	0.00	2.67	1.48	0.76	1.47	0.98	0.57	
9/6/2010	86.62	82.19	78.44	86.91	82.65	78.64	69.31	65.46	57.57	55.34	48.38	33.78	60.28	54.90	50.75	33.35	24.35	14.92	71.11	58.48	42.41	-0.76	-0.77	-0.78	21	7.20	3.77	1.87	3.31	1.13	0.00	2.95	1.59	0.91	1.40	1.04	0.76	
9/7/2010	85.75	82.20	78.03	86.32	82.68	78.47	69.63	65.25	58.16	56.02	47.72	34.21	59.24	54.94	49.38	33.30	24.22	15.26	70.90	55.81	33.17	-0.76	-0.77	-0.78	19	7.45	3.89	1.85	3.51	1.21	0.00	2.73	1.66	0.86	1.94	1.02	0.70	
9/8/2010	86.64	82.51	78.10	86.89	82.98	78.64	69.68	65.46	57.84	56.10	46.99	33.19	60.37	55.15	50.97	33.34	24.41	15.10	70.87	50.38	25.81	-0.76	-0.77	-0.78	8	7.70	4.19	1.92	3.52	1.30	0.03	2.96	1.79	0.85	1.91	1.10	0.68	
9/9/2010	85.92	82.79	80.07	86.44	83.27	80.61	70.09	65.61	58.08	55.72	46.30	33.19	58.24	55.48	52.12	33.30	25.11	16.02	69.98	48.23	25.54	-0.76	-0.77	-0.78	10	8.05	4.14	1.91	3.60	1.27	0.00	3.33	1.81	0.92	1.94	1.06	0.76	
9/10/2010	86.93	82.66	79.02	87.63	83.14	77.97	69.50	65.60	57.98	56.23	46.33	33.06	60.82	55.28	51.56	33.33	25.06	15.89	70.55	48.63	25.41	-0.76	-0.77	-0.78	7	8.08	4.21	1.87	3.55	1.28	0.00	3.28	1.82	0.83	1.98	1.12	0.66	
9/11/2010	86.52	82.84	78.68	86.39	83.33	78.95	69.92	64.83	57.52	56.34	46.96	33.06	58.78	55.72	51.40	33.31	26.99	20.12	70.84	49.74	27.29	-0.76	-0.77	-0.78	17	8.13	3.91	1.89	3.57	1.45	0.00	2.88	1.55	0.72	1.68	0.92	0.59	
9/12/2010	85.92	82.51	78.99	86.49	83.03	79.35	70.60	67.12	57.95	55.53	46.96	33.86	59.43	55.33	51.77	33.45	27.38	17.08	71.06	50.48	26.67	-0.76	-0.77	-0.78	29	6.78	3.35	1.87	3.29	0.89	0.06	2.52	1.50	0.72	1.48	0.96	0.39	
9/13/2010	85.25	82.37	78.73	85.55	82.90	78.97	69.60	65.66	57.73	56.28	45.69	34.32	57.68	55.02	51.05	33.31	24.97	15.25	68.00	44.52	22.03	-0.76	-0.77	-0.78	9	8.17	4.16	1.88	3.35	1.28	0.00	3.23	1.79	0.86	2.00	1.09	0.67	
9/14/2010	86.69	82.91	77.79	87.23	83.42	79.42	70.25	65.59	57.76	56.34	45.88	33.81	59.75	55.63	51.72	33.34	25.56	17.48	65.69	48.91	30.56	-0.76	-0.77	-0.78	4	7.88	4.27	1.92	3.52	1.36	0.00	3.36	1.86	0.93	2.09	1.05	0.68	
9/15/2010	87.36	82.71	78.58	87.17	83.20	79.12	71.11	65.95	57.79	57.71	47.10	34.48	59.61	55.40	51.21	33.35	25.54	16.10	71.11	51.81	27.42	-0.76	-0.77	-0.78	15	7.51	3.94	1.86	3.50	1.18	0.00	2.95	1.69	0.85	2.00	1.06	0.68	
9/16/2010	87.36	82.85	78.78	87.00	83.34	79.34	69.66	65.74	57.92	55.02	46.32	33.70	58.57	55.65	51.69	33.36	25.65	16.93	70.60	51.35	31.42	-0.76	-0.77	-0.78	18	8.05	3.91	1.84	3.36	1.22	0.00	3.22	1.71	0.83	1.95	0.97	0.57	
9/17/2010	86.59	83.05	78.34	86.87	83.54	78.87	70.70	65.97	57.68	54.91	47.16	33.62	59.37	55.73	51.37	33.34	27.08	18.58	71.01	55.04	36.02	-0.76	-0.77	-0.78	12	7.58	4.12	1.86	3.53	1.32	0.00	2.89	1.73	0.84	2.19	1.07	0.65	
9/18/2010	86.81	82.72	79.02	87.32	83.20	79.60	71.40	66.22	57.63	58.89	47.75	33.49	59.83	55.57	51.37	33.38	25.56	15.85	71.35	54.59	37.71	-0.76	-0.77	-0.78	28	6.80	3.47	1.88	3.23	1.00	0.00	2.61	1.55	0.92	1.48	0.92	0.53	
9/19/2010	85.58	82.54	78.63	86.18	83.04	79.20	69.87	65.75	57.63	54.43	47.51	33.92	59.59	55.40	51.72	33.30	24.83	15.30	79.65	62.42	46.25	-0.76	-0.77	-0.78	26	7.00	3.56	1.89	3.32	1.09	0.00	2.56	1.55	0.87	1.33	0.92	0.16	
9/20/2010	85.39	82.46	78.75	86.03	82.96	79.39	69.12	65.42	57.95	56.77	47.64	33.70	57.17	54.83	49.70	33.24	25.36	16.44	77.99	63.23	45.84	0.52	-0.68	-0.78	6	7.98	4.22	2.14	3.33	1.30	0.00	3.07	1.76	1.01	2.39	1.16	0.72	
9/21/2010	87.17	82.54	78.97	86.68	83.02	79.01	70.54	65.59	57.38	56.15	47.35	33.59	57.17	53.95	47.10	33.28	26.31	17.40	77.80	65.17	49.47	11.19	5.07	0.52	2	7.89	4.53	2.23	3.31	1.26	0.00	3.02	1.84	1.10	2.38	1.43	0.99	
9/22/2010	87.07	82.53	79.23	87.09	83.01	79.32	70.92	65.75	57.65	61.06	48.84	34.86	58.54	53.76	49.76	33.30	26.57	17.66	79.95	65.95	47.40	21.21	18.06	11.19	5	7.87	4.26	1.83	3.57	1.19	0.00	2.99	1.68	0.52	2.45	1.39	0.62	
9/23/2010	86.83	82.70	78.97	87.04	83.17	79.24	70.14	65.97	57.84	56.61	48.07	33.16	59.00	55.17	45.03	33.38	27.09	18.01	60.29	47.11	33.28	23.22	22.26	15.27	20	7.61	3.86	1.95	3.39	1.17	0.00	3.33	1.65	0.69	2.22	1.05	0.41	
9/24/2010	87.12	83.06	79.33	87.52	83.51	80.09	70.95	66.14	57.81	58.03	46.39	34.13	59.99	55.77	52.15	33.42	27.43	18.92	80.00	63.87	43.16	23.21	23.19	23.19	13	7.54	4.09	1.87	3.56	1.27	0.00	2.92	1.77	0.73	1.92	1.05	0.56	
9/25/2010	85.75	82.14	79.30	86.08	82.60	79.28	69.55	65.88	57.63	55.69	48.75	34.10	59.40	55.03	51.56	33.30	25.30	15.64	78.52	61.54	38.73	23.20	23.19	23.17	30	7.00	3.30	1.90	3.29	0.98	0.03	2.61	1.42	0.76	1.52	0.91	0.34	
9/26/2010	86.30	82.28	80.17	86.50	82.75	80.57	69.79	65.49	57.49	55.10	47.93	34.40	58.16	55.13	52.74	33.30	24.40	14.80	78.42	59.98	40.50	23.19	23.18	23.17	24	8.02	3.66	1.89	3.37	1.16	0.01	3.01	1.55	0.77	1.64	0.94	0.23	
9/27/2010	87.55	82.52	77.48	87.58	82.97	78.55	70.54	65.42	57.65	56.26	47.85	33.83	59.56	55.26	51.34	33.40	24.69	15.47	78.17	60.78	40.85	23.19	23.17	23.16	16	7.91	3.93	1.85	3.44	1.23	0.00	2.91	1.65	0.92	1.83	1.05	0.66	
9/28/2010	86.21	82.46	77.89	86.62	82.92	78.49	69.41	65.49	57.76	55.75	47.61	34.05	59.34	55.33	50.03	33.31	24.63	15.22	78.31	58.07	31.75	23.18	23.14	23.10	23	7.50	3.66	1.88	3.39	1.17	0.00	2.96	1.55	0.71	2.08	0.94	0.67	
9/29/2010	85.78	82.64	77.72	86.27	83.10	78.35	69.44	65.55	57.79	55.69	46.56	33.94	59.59	55.38	50.81	33.29	24.74	15.29	76.27	51.35	24.33	23.24	23.09	-0.77	11	7.46	4.13	1.87	3.40	1.31	0.00	2.98	1.76	0.82	2.06	1.06	0.70	
9/30/2010	87.00	82.71	77.89	87.46	83.16	77.62	70.97	65.61	58.03	57.87	46.17	34.00	60.12	55.45	50.48	33.34	24.90	15.79	71.62	47.75	23.15	23.01	22.89	22.77	14	7.66	4.07	1.89	3.33	1.27	0.07	3.31	1.76	0.82	2.14	1.04	0.64	
MAX	87.65	83.06	80.19	88.02	83.54	80.61	71.80	67.12	58.16	61.09	49.29	34.86	60.82	55.77	52.98	33.48	27.43	20.12	80.00	65.95	49.47	23.24	23.19	23.19		8.436	4.577	2.229	3.694	1.450	0.07	3.382	1.995	1.102	2.451	1.429	0.989	
AVE	86.49	82.58	78.71	86.80	83.06	79.14	70.16	65.67	57.74	56.50	47.28	33.81	59.14	55.21	50.87	33.32	25.47	16.39	72.77	55.40	35.50	6.80	6.40	4.97		7.627												

NORTH SHORE WATER COMMISSION  
 WHOLESALE WATER SALES  
 FOR YEAR: 2010

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

FACILITIES CHARGE

MONTH	CUSTOMER	KGAL PURCHASED	WHOLESALE RATE (\$/K GAL)	TOTAL VOLUME CHARGE	OPERATING \$			CONVEYANCE			FOR 2009 FACILITIES UPKEEP			AMOUNT BILLED
					\$0.683 / Kgal	\$0.825 / Kgal	\$0.390 / Kgal	\$0.720 / Kgal	\$0.891 / Kgal	\$0.390 / Kgal	DISTRIBUTION OF CONVEYANCE CHARGE			
								FOX PT: 0.60	GLEN: 0.20	WFB: 0.20				
JANUARY	Mequon Water	3,518	\$ 1.898	\$ 6,677.16	\$ 2,402.79	\$ 2,902.35	\$ 1,372.01	\$ 823.21	\$ 274.40	\$ 274.40	\$ -	\$ 5,305.15	\$ 6,677.16	
FEBRUARY	Mequon Water	3,108	\$ 1.898	\$ 5,898.98	\$ 2,122.76	\$ 2,564.10	\$ 1,212.11	\$ 727.27	\$ 242.42	\$ 242.42	\$ -	\$ 4,686.87	\$ 5,898.98	
MARCH	Mequon Water	3,491	\$ 1.898	\$ 6,625.92	\$ 2,384.35	\$ 2,880.08	\$ 1,361.49	\$ 816.89	\$ 272.30	\$ 272.30	\$ 500.00	\$ 5,764.43	\$ 7,125.92	
APRIL	Mequon Water	3,258	\$ 2.001	\$ 6,519.26	\$ 2,345.76	\$ 2,902.88	\$ 1,270.61	\$ 762.37	\$ 254.12	\$ 254.12	\$ -	\$ 5,248.65	\$ 6,519.26	
MAY	Mequon Water	4,835	\$ 2.001	\$ 9,674.84	\$ 3,481.20	\$ 4,307.99	\$ 1,885.65	\$ 1,131.39	\$ 377.13	\$ 377.13	\$ -	\$ 7,789.19	\$ 9,674.84	
JUNE	Mequon Water	4,394	\$ 2.001	\$ 8,792.39	\$ 3,163.68	\$ 3,915.05	\$ 1,713.66	\$ 1,028.20	\$ 342.73	\$ 342.73	\$ -	\$ 7,078.73	\$ 8,792.39	
JULY	Mequon Water	5,160	\$ 2.001	\$ 10,325.16	\$ 3,715.20	\$ 4,597.56	\$ 2,012.40	\$ 1,207.44	\$ 402.48	\$ 402.48	\$ -	\$ 8,312.76	\$ 10,325.16	
AUGUST	Mequon Water	6,001	\$ 2.001	\$ 12,008.00	\$ 4,320.72	\$ 5,346.89	\$ 2,340.39	\$ 1,404.23	\$ 468.08	\$ 468.08	\$ -	\$ 9,667.61	\$ 12,008.00	
SEPTEMBER	Mequon Water	6,122	\$ 2.001	\$ 12,250.12	\$ 4,407.84	\$ 5,454.70	\$ 2,387.59	\$ 1,432.55	\$ 477.52	\$ 477.52	\$ -	\$ 9,862.53	\$ 12,250.12	
OCTOBER			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
NOVEMBER			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
DECEMBER			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTALS</b>		<b>39,887</b>		<b>\$ 78,771.84</b>	<b>\$ 28,344.30</b>	<b>\$ 34,871.60</b>	<b>\$ 15,555.91</b>	<b>\$ 9,333.55</b>	<b>\$ 3,111.18</b>	<b>\$ 3,111.18</b>	<b>\$ 500.00</b>	<b>\$ 63,715.92</b>	<b>\$ 79,271.83</b>	