

It is expected that a Quorum of the Personnel Committee, Administration Committee, and Common Council will be attending this meeting: (although it is not expected that any official action of any of those bodies will be taken)

CITY OF MENASHA
Board of Public Works
Third Floor Council Chambers
140 Main Street, Menasha
December 17, 2012
6:45 PM
or immediately following the Administration Committee

AGENDA

- A. CALL TO ORDER
- B. ROLL CALL/EXCUSED ABSENCES
- C. MINUTES TO APPROVE
 - 1. [December 3, 2012](#)
- D. ACTION ITEMS
 - 1. [Change Order – Northeast Asphalt, Inc.; Contract Unit No. 2012-03; Street Reconstruction, Concrete Curb & Gutter, Asphalt Pavement; Paris Street/Manitowoc Street; DEDUCT: \\$136.40 \(Change Order No. 1 and Final\)](#)
 - 2. [Payment - Northeast Asphalt, Inc.; Contract Unit No. 2012-03; Street Reconstruction, Concrete Curb & Gutter, Asphalt Pavement; Paris Street/Manitowoc Street; \\$21,836.94 \(Payment No. 3 and Final\)](#)
 - 3. [Approval of Sanitary Sewer User Charge Update Recommendations](#)
- E. ADJOURNMENT

"Menasha is committed to its diverse population. Our Non-English speaking population and those with disabilities are invited to contact the Menasha City Clerk at 967-3603 24-hours in advance of the meeting for the City to arrange special accommodations."

CITY OF MENASHA
Board of Public Works
Third Floor Council Chambers
140 Main Street, Menasha
December 3, 2012
MINUTES

DRAFT

A. CALL TO ORDER

Meeting called to order by Chairman Taylor at 7:37 p.m.

B. ROLL CALL/EXCUSED ABSENCES

PRESENT: Aldermen Klein, Taylor, Sevenich, Langdon, Krueger, Zelinski, Englebert, Benner

ALSO PRESENT: Mayor Merkes, CA/HRD Captain, PC Styka, DPW Radtke, CDD Keil, Dick Sturm (MU Co-GM), Clerk Galeazzi and the Press.

C. MINUTES TO APPROVE

1. [November 19, 2012](#)

Moved by Ald. Krueger, seconded by Ald. Benner to approve minutes.

Motion carried on voice vote.

D. ACTION ITEMS

1. [Street Use Application – 19th First Eve Fox Cities; Monday, December 31, 2012; 10:30 PM – 12:15 AM; \(Community Forward, Inc./MAC\)](#)

CA/HRD Captain stated the required insurance has been received and is in order.

Moved by Ald. Sevenich, seconded by Ald. Zelinski to recommend to Common Council Street Use Application for 19th First Eve Fox Cities, Monday Dec. 31, 2012, 10:30pm-12:15am (Community Forward, Inc/MAC)

Motion carried on voice vote.

2. [Change Order #1; Menasha Utilities McM. No. M0002-910333.07; 16-Inch Transmission Main Construction; Dorner, Inc.; ADD: \\$23,292.22](#)

MU Co-GM Sturm explained the change is for a live tap that was discovered during the installation process.

Moved by Ald. Krueger, seconded by Ald. Englebert to recommend to Common Council Change Order #1, Menasha Utilities McM No. M0002-910333.07, 16-inch Transmission Main Construction, Dorner, Inc, ADD \$23,292.22

Motion carried on roll call 8-0.

3. [Change Order #2; Menasha Utilities McM. No. M0002-910333.05; 16-Inch Transmission Main Construction; Dorner, Inc.; ADD: \\$3,228.00](#)

MU Co-GM Sturm explained the change is for water main and storm sewer connections that were discovered during the installation process.

Moved by Ald. Krueger, seconded by Ald. Englebert to recommend to Common Council Change Order #2, Menasha Utilities McM No. M0002-910333.05, 16-inch Transmission Main Construction, Dorner, Inc, ADD \$3,228.00

Motion carried on roll call 8-0.

4. [Change Order #3; Menasha Utilities McM. No. M0002-910333.07; 16-Inch Transmission Main Construction; Dorner, Inc.; ADD: \\$7,247.48](#)

MU Co-GM Sturm explained the change is for additional work and materials due to a break in a concrete culvert.

Moved by Ald. Krueger, seconded by Ald. Englebert to recommend to Common Council Change Order #3, Menasha Utilities McM No. M0002-910333.07, 16-inch Transmission Main Construction, Dorner, Inc, ADD \$7,247.48

Motion carried on roll call 8-0.

5. [Change Order #1; Menasha Utilities McM. No. M0002-910283.04; High Lift Pumping Station Standby Generator & Motor Control Modifications; Pieper Electric, Inc.; ADD: \\$498.00](#)

MU Co-GM Sturm explained the change is for a switch in pumps and additional conduit for pumps.

Moved by Ald. Krueger, seconded by Ald. Englebert to recommend to Common Council Change Order #1, Menasha Utilities McM No. M0002-910283.04, High Lift Pumping Station Standby Generator & Motor Control Modifications, Pieper Electric, Inc, ADD \$498.00

Motion carried on roll call 8-0.

6. [Recommendation to Award – Menasha Utilities East Basin Repairs; Front Range Environmental; \\$48,329.00](#)

MU Co-GM Sturm explained three bids were received with Front Range Environmental being the low bidder.

Moved by Ald. Krueger, seconded by Ald. Zelinski to recommend to Common Council Recommendation to Award, Menasha Utilities East Basin Repairs to Front Range Environmental for \$48,329.00

Motion carried on roll call 8-0.

E. ADJOURNMENT

Moved by Ald. Krueger, seconded by Ald. Klein to adjourn at 7:55 p.m.

Motion carried on voice vote.

Respectfully submitted by Deborah A. Galeazzi, WCMC, City Clerk

Change Order

Date: December 11, 2012

Change Order No. One (1) and Final

Contractor: Northeast Asphalt, Inc
Contract No.: Unit No. 2012-03
Project: Steet Reconstruction - Concrete Curb & Gutter
Asphalt Pavement Alternate or Concrete Pavement
Paris Street/Manitowoc Street

You are directed to make the changes noted below in the subject contract unit number:

- | | | |
|------|--|-------------|
| I. | Concrete Steps - \$38.50/ft ² - 7.6 ft ² | \$292.60 |
| II. | 12" PVC Storm sewer - \$30/ft - 52 LF | \$1,560 |
| III. | Contract Changes See Attached | -\$1,989.00 |

The changes result in the following adjustments:

	CONTRACT-TOTAL	TIME
Prior to this Change Order	<u>\$216,014.12</u>	_____ Days
Adjustments per this Change Order	<u>-\$136.40</u>	_____ Days
Current Contract Status	<u>\$215,877.72</u>	_____ Days

Directed/Authorized
City of Menasha Department of Public Works
By: _____

Date: _____

Accepted
By: _____

Date: _____

City of Menasha Contract Unit No. 2012-03

Street Reconstruction Concrete Curb & Gutter, Asphalt Pavement - Paris Street / Manitowoc Street

Payment Three (3) and Final

ITEM	QUANTITY	DESCRIPTION	Payment		YTD		CHANGES	
			UNIT PRICE	ITEM TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL CHANGE
		BASE BID						
1	2,724	Unclassified Excavation/CY	\$ 5.65	\$ 15,390.60	2742.00	\$ 15,492.30	18.00	\$101.70
2	4,784	Fine Grading and Compaction/SY	\$ 0.85	\$ 4,066.40	4784.00	\$ 4,066.40	0.00	\$0.00
3	374	24" Concrete Curb and Gutter/LF	\$ 7.75	\$ 2,898.50	407.00	\$ 3,154.25	33.00	\$255.75
4	2,947	30" Concrete Curb and Gutter/LF	\$ 8.13	\$ 23,959.11	2920.00	\$ 23,739.60	-27.00	-\$219.51
5	2,756	3" Crushed Stone Base Course/Ton	\$ 9.56	\$ 26,347.36	1440.04	\$ 13,766.78	-1315.96	-\$12,580.58
6	574	Placement of Salvaged Pulverized Material/CY	\$ 5.05	\$ 2,898.70	1212.00	\$ 6,120.60	638.00	\$3,221.90
7	1,686	Lawn and Terrace Restoration/SY	\$ 3.40	\$ 5,732.40	1478.00	\$ 5,025.20	-208.00	-\$707.20
8	619	Asphalt Binder 2 1/4" Thick Type E-1 19.0 mm/Ton	\$ 49.80	\$ 30,826.20	612.24	\$ 30,489.55	-6.76	-\$336.65
9	482	Asphalt Surface 1 3/4" Thick Type E-1 12.5 mm/Ton	\$ 55.30	\$ 26,854.60	475.31	\$ 26,284.64	-6.69	-\$369.96
10	4,298	6" Thick Concrete Driveway Apron & Sidewalk Remove and Replace/SF	\$ 5.05	\$ 21,704.90	4767.71	\$ 24,076.94	469.71	\$2,372.04
11	2,616	3" Thick Asphalt Driveway Remove and Replace/SF	\$ 2.90	\$ 7,586.40	4469.12	\$ 12,960.45	1853.12	\$5,374.05
12	460	4" Concrete Walk & Handicap Ramp Remove and Replace/SF	\$ 4.80	\$ 2,208.00	1067.18	\$ 5,122.46	607.18	\$2,914.46
13	118	15" SDR 35 PVC Pipe/LF	\$ 28.00	\$ 3,304.00	107.00	\$ 2,996.00	-11.00	-\$308.00
14	173	12" Class V Concrete Pipe/LF	\$ 30.00	\$ 5,190.00	162.50	\$ 4,875.00	-10.50	-\$315.00
15	262	15" Class V Concrete Pipe/LF	\$ 36.00	\$ 9,432.00	261.00	\$ 9,396.00	-1.00	-\$36.00
16	16	18" SDR 35 PVC Pipe/LF	\$ 59.00	\$ 944.00	14.50	\$ 855.50	-1.50	-\$88.50
17	41	4" SDR 35 PVC Pipe/LF	\$ 22.00	\$ 902.00	42.00	\$ 924.00	1.00	\$22.00
18	2	New 4" Diameter Manhole/Ea	\$ 1,400.00	\$ 2,800.00	2.00	\$ 2,800.00	0.00	\$0.00
19	1	Remove and Replace 5" Diameter Manhole/Ea	\$ 2,400.00	\$ 2,400.00	1.00	\$ 2,400.00	0.00	\$0.00
20	2	New 2' x 3' Inlet/Ea	\$ 1,400.00	\$ 2,800.00	2.00	\$ 2,800.00	0.00	\$0.00
21	3	Remove and Replace 2' x 3' Inlet/Ea	\$ 1,600.00	\$ 4,800.00	3.00	\$ 4,800.00	0.00	\$0.00
22	180	4" Under Pavement Drain/LF	\$ 6.50	\$ 1,170.00	180.00	\$ 1,170.00	0.00	\$0.00
23	93	Salvaged Pulverized Material for Storm sewer Removal/CY	\$ 3.50	\$ 325.50	93.00	\$ 325.50	0.00	\$0.00
24	93	Storm Sewer Removal Excavation/CY	\$ 5.65	\$ 525.45	93.00	\$ 525.45	0.00	\$0.00
25	9	Manhole Adjustment/Ea	\$ 200.00	\$ 1,800.00	0.00	\$ -	-9.00	-\$1,800.00
26	3	Water Valve Adjustment/Ea	\$ 75.00	\$ 225.00	1.00	\$ 75.00	-2.00	-\$150.00
27	3	Inlet Adjustment/Ea	\$ 200.00	\$ 600.00	3.00	\$ 600.00	0.00	\$0.00
28	102	Full Depth Pavement Saw Cutting/LF	\$ 1.50	\$ 153.00	89.00	\$ 133.50	-13.00	-\$19.50
29	12	Concrete Curb Head Saw Cutting/LF	\$ 30.00	\$ 360.00	0.00	\$ -	-12.00	-\$360.00
30	810	No. 4 Epoxy Coated Rebar/LF	\$ 1.00	\$ 810.00	1050.00	\$ 1,050.00	240.00	\$240.00
31	5	Tree and Slump Removal/Ea	\$ 800.00	\$ 4,000.00	6.00	\$ 4,800.00	1.00	\$800.00
32	1	Traffic Control/LS	\$ 100.00	\$ 100.00	1.00	\$ 100.00	0.00	\$0.00
33	1	Erosion Control/LS	\$ 1,100.00	\$ 1,100.00	1.00	\$ 1,100.00	0.00	\$0.00
34	1	Construction Mobilization/Demobilization; Project Coordination; all incidental utility and misc. roadway work; and all other project work area restoration and clean-up to an equal and/or better preconstruction condition as required and related to the overall project/LS	\$ 2,000.00	\$ 2,000.00	1.00	\$ 2,000.00	0.00	\$0.00
		Total (Items 1-34)		\$ 216,014.12		\$ 214,025.12		-\$1,989.00

Certificate of Payment

Date: December 11, 2012 Payment Request: Three (3) & Final
 Contractor: Northeast Asphalt, Inc.
 Address: W6380 Design Drive, Greenville, WI 54942
 Contract Unit No.: 2012-03
 Project Description: Street Reconstruction – Concrete Curb & Gutter
 Asphalt Pavement Alternate for Concrete Pavement
 Paris Street/Manitowoc Street

Original Contract Amount \$ 216,014.12
 Change Order No.: One Amount: \$ -136.40
 Previous Change Order(s): \$ -
 Total Contract Amount (Including Change Orders) \$ 215,877.72
 Total Earned to Date (Summary Attached) \$ 215,877.72
 Less Retainage \$ 0
 Amount Due \$ 215,877.72
 Previous Payments \$ 194,040.78
 Amount Due this Payment \$ 21,836.94

Estimate Period: From August 30, 2012 to December 11, 2012

I certify that all bills for labor, equipment, materials and services are paid for which previous certificates for payment were issued.

Date: _____ By: _____

Lien Waivers from all subcontractors and suppliers shall accompany each Request for Payment. Affidavit of Compliance with Prevailing Wage Rates shall accompany Request for Final Payment.

Recommended for Payment

Director of Public Works: _____ Date: _____

Common Council Approval Date: _____

Finance Department

<u>Account Number</u>	<u>Budget</u>	<u>Charge to Account</u>
	\$	
	\$	
	\$	
	\$	

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APPENDIX A

USER CHARGE SYSTEM

City of Menasha, Wisconsin

The User Charge System (UCS) is intended to provide for an equitable distribution of the debt retirement costs, operation and maintenance (O & M) costs, and replacement costs of the wastewater collection system and Neenah-Menasha Sewerage Commission (NMSC) wastewater treatment plant (WWTP). The distribution of variable sewer user charges shall be based on the volume and strength of wastewater discharged to ensure a proportional distribution of costs to each sewer user.

The wastewater discharges from August 2009 through July of 2012 and revenue requirements budgeted for 2013 were used to establish the sewer user charges. The City should review, at least every two (2) years, the sewer user charges in order to maintain proportionate distribution of costs and to generate sufficient revenue.

The City of Menasha should notify each sewer user, in conjunction with a regular bill, when user charge rates change.

Methodology of Distributing User Charges

The Sewer Use Ordinance has established two user classes:

- Domestic-Strength Wastewater
- High-Strength Wastewater

Domestic-Strength Wastewater shall mean wastewater discharged from residential sewer users, exclusive of infiltration and inflow. Residential sewer users can include commercial and industrial businesses that discharge only restroom wastewater. The biochemical oxygen demand (BOD₅) concentration and suspended solids concentration of domestic-strength wastewater is established in this UCS.

High-Strength Wastewater shall mean wastewater discharged from non-residential significant sewer users, exclusive of infiltration and inflow. The BOD₅ concentration and suspended solids concentration of high-strength wastewater is determined from periodic monitoring of the dischargers.

This UCS shall generate all debt retirement, operation, maintenance, and replacement revenue for providing sewer service. The revenue shall cover the expenses for collection system debt retirement; collection system O & M; collection system replacement fund; and NMSC WWTP O & M, replacement, and capital charges. The UCS will include revenue for the debt retirement of the Clean Water Fund (CWF) loans obtained for the Ninth Street Sewage Lift Station Improvements project and the NMSC WWTP Improvements project.

The wastewater flows and loadings discharged by the City of Menasha to the NMSC WWTP are estimated for 2013. The wastewater flow is estimated to be 84.25 million gallons per month (1,011.0 million gallons per year). The wastewater loadings are estimated to be 109,800 pounds per month (1,317,600 pounds per year) for BOD₅ and 190,000 pounds per month (2,280,000 pounds per year) for suspended solids.

O & M costs will be recovered through fixed and volume charges. A summary of the 2013 budget is summarized in Table 1. The NMSC costs are based on their recently completed 2013 budget.

Table 1 Distribution of Annual Sewer Department Costs to Fixed and Variable (Volume) Charges

Item	Cost, Dollars
<u>Costs Distributed to Fixed Charges</u>	
Insurance	2,900
Tools and Equipment	1,800
Capital Outlay	
CWF Loan P&I (CWF #5101-02)	63,100
CWF Loan P&I (CWF #5101-03)	166,000
CWF Loan P&I (CWF #5101-04)	53,100
CWF Loan P&I for future Ninth St. SLS Improvements	37,000
Capital Outlay (NMSC)-CWF Loan	408,000
Debt Coverage for CWF Loans(a)	62,800
City Replacement Fund	10,000
Legal	200,000
In-House Technical Services	5,200
TOTAL COST - FIXED CHARGE	1,009,900
<u>Costs Distributed to Volume Charge</u>	
Labor	235,700
Vehicle Usage	45,000
Supplies	100
Telephone	3,800
Electricity	2,000
Maintenance-Mains	110,200
Maintenance-Sewage Lift Stations	8,300
Professional Services	73,400
Outside/Contract Services (Menasha Utility billing)	210,000
Replacement Charges (NMSC)	64,300
Operations and Maintenance Charges (NMSC)	757,100
TOTAL COST - VARIABLE CHARGE	1,509,900

(a)Debt coverage is calculated as follows: 10 percent of total CWF loans P & I minus replacement fund.

The fixed user costs will recover revenue for the annual CWF loan payments for the Phase 2, Phase 3, and Phase 4 Wastewater Collection System Rehabilitation Improvements projects; estimated CWF loan payment for the Ninth Street Sewage Lift Station Improvements project; estimated CWF loan payment for the estimated capital outlay charges (CWF loan payment) for the NMSC WWTP Improvements project, City replacement fund; insurance expense; tools and equipment expense, legal expenses, and in-house technical services expenses. The fixed charges will be recovered from wastewater dischargers according to their user charge meter equivalent (UCME) based on water meter size or size of effluent wastewater meter. The City billed a total of 5,775 UCMEs in 2011.

The volume charge will include variable O & M costs including labor, vehicle usage, supplies, telephone, electricity, maintenance-mains, maintenance-sewage lift stations, professional services, outside/contract services for billing, NMSC replacement charges, and NMSC operation and maintenance charges. The volume charge will be recovered from domestic strength dischargers based on water used and discharged to the sanitary sewer. The volume charge will be recovered from significant sewer users (wastewater discharge with concentrations of BOD₅ and suspended solids greater than domestic strength) based on volume of wastewater discharged and loadings greater than domestic strength. Volume will be determined from water use or wastewater metering.

Fixed Meter Charge Calculation

The total fixed costs of \$1,009,900 are divided by the number of UCMEs to determine the annual fixed charge per UCME. Following is a summary of the fixed user charge calculation.

Fixed Cost Distributed to UCME	\$1,034,100
Number of UCMEs	5,775
Fixed Charge/UCME	
= \$1,009,900 ÷ 5,775 UCMEs = \$174.96/yr	(\$14.58 month)

Volume User Charge Calculation

The volume user charge will recover revenue for variable O & M costs of \$1,509,900. The volume user charge will include a volume charge per 1,000 gallons for domestic strength wastewater and a surcharge for BOD₅ and suspended solids greater than domestic strength.

Significant Sewer Users. The significant sewer users having high strength wastewater were monitored to determine the volume of wastewater, BOD₅ loadings greater than domestic strength, and suspended solids loadings greater than domestic strength. A summary of the high strength dischargers is presented in Table 2.

Table 2 Summary of High Strength Dischargers

<u>BOD₅ > Domestic</u>	<u>Million Gallons per Year</u>	<u>Pounds per Year</u>
Albany International	0.477	2,099
Graphic Packaging	0.360	2,201
Gunderson Cleaners	13.706	49,903
Intertape Polymer Group	2.015	79,150
Whiting Paper Company	<u>34.540</u>	<u>199,701</u>
TOTAL	51.098	333,054
<u>Suspended Solids > Domestic</u>	<u>Million Gallons per Year</u>	<u>Pounds per Year</u>
Dura Fibre	2.644	40,649
Water Treatment Plant	<u>27.115</u>	<u>394,685</u>
TOTAL	29.759	435,334

Calculation of Domestic Strength Wastewater Characteristics

The total volume of water discharged to sanitary sewer in 2011 was 333,715,000 gallons (216,014,000 gallons of water use billed by utility + 31,970,000 gallons of water use by minor dischargers billed by City + 85,731,000 gallons of wastewater flow from significant industrial dischargers billed by the City). The domestic strength BOD₅ and suspended solids concentrations are calculated using the domestic strength loadings (total minus significant loadings) and water use for domestic strength dischargers (total minus significant sewer user water use or wastewater flow). The calculations of the domestic strength concentrations for BOD₅ and suspended solids are as follows:

$$\text{BOD}_5 \quad (1,317,600 \text{ lbs/yr.} - 333,054 \text{ lbs/yr.}) \div (8.34 \times 282.617 \text{ million gallons}) \\ = 417 \text{ mg/l}$$

$$\text{SS} \quad (2,280,000 \text{ lbs/yr.} - 435,334 \text{ lbs/yr.}) \div (8.34 \times 303.956 \text{ million gallons}) \\ = 728 \text{ mg/l}$$

The volume charge for domestic strength dischargers is calculated by first determining the surcharge revenue that will be collected for BOD₅ and suspended solids loadings from significant sewer users with BOD₅ and suspended solids greater than domestic strength. The unit costs for BOD₅ and suspended solids are calculated based on the treatment costs (O & M charges and replacement charges) in the NMSC WWTP 2013 Budget. The unit cost for BOD₅ is \$0.2615 per pound. The unit cost for suspended solids is \$0.1288 per pound.

$$\text{BOD}_5 \quad 155,346 \text{ lbs/yr.} \times \$0.2615/\text{lb} = \$40,623$$

$$\text{SS} \quad 254,652 \text{ lbs/yr.} \times \$0.1288/\text{lb} = \$32,799$$

$$\text{TOTAL} = \$73,422$$

The annual transportation charge for Sonoco was \$50,809 in 2011. The revenue from the surcharge for BOD₅ and suspended solids and the Sonoco transportation charge reduces the flow revenue required from sewer users.

The balance of revenue, required for costs distributed to the volume charge, is calculated as follows:

$$\begin{aligned} \text{Flow Revenue Required} &= \$1,509,900 - \$73,422 - \$50,809 \\ &= \$1,385,669 \end{aligned}$$

$$\begin{aligned} \text{Flow Unit Charge} &= \$1,385,669 \div 333,715,000 \text{ gallons} \\ &= \$4.16/1,000 \text{ gal.} \end{aligned}$$

The significant sewer users will be surcharged for treatment of wastewater with BOD₅ and suspended solids loadings greater than domestic strength at the actual NMSC unit charges in affect when the significant sewer users are billed. The BOD₅ and suspended solids surcharges are as follows.

BOD₅ Surcharge

$$\text{BOD}_5 \text{ Unit Loading} > 3.47 \text{ lbs/1,000 gallons}$$

Suspended Solids Surcharge

$$\text{Suspended Solids Unit Loading} > 6.07 \text{ lbs/1,000 gallons}$$

Comparison of Existing and Proposed Rates

The following is a comparison of sewer user rates for a residential customer with a 3/4-inch or 1/2-inch meter and 38,500 gallons water use per year in 2011:

Existing Rate (Adopted in 2000)

$$\text{Fixed Charge} = \$122.40/\text{yr.} (\$10.20/\text{mo.})$$

$$\begin{aligned} \text{Vol. Charge} &= \$3.90/1,000 \times 38,500 \text{ gallons} \\ &= \$150.15/\text{yr.} \end{aligned}$$

$$\text{TOTAL} = \$272.55/\text{yr.}$$

Proposed Rate

Fixed Charge = \$174.96/yr. (\$14.58/mo.)

Vol. Charge = \$4.16/1,000 gal. x 38,500 gallons
= \$160.16

TOTAL = \$335.12/yr. 23.0% increase

COMPARISON OF RESIDENTIAL SEWER USER CHARGES

Community	Est. 2012 Population	Annual Cost, Dollars			Effective Date
		Fixed(a)	Volume(b)	Total	
Village of Combined Locks	3,372	204.00	485.00	689.00	7/1/11
Village of Hortonville	2,705	162.80	524.00	686.80	3/18/10
City of Kaukauna	15,627	36.00	418.00	454.00	12/1/10
Village of Little Chute	10,432	36.00	375.00	411.00	9/9/11
Village of Kimberly	6,559	6.00	387.50	393.50	--
City of Menasha (Proposed)	17,407	174.96	208.00	382.96	
Darboy Sanitary District	4,200(c)	96.92	259.50	356.42	--
Waverly Sanitary District	1,813(c)	133.56	199.00	332.56	7/1/12
City of Menasha (Existing)	17,407	122.40	195.00	317.40	
City of Shawano	9,259	91.80	214.50	306.30	11/1/02
Town of Menasha	--	39.52	264.00	303.52	1/1/13
City of Marinette	10,929	120.00	127.00	247.00	6/10/10
City of Neenah	25,723	85.80	156.65	242.45	1/1/13
City of Appleton	72,810	54.40	136.36	190.76	7/1/11

(a) Fixed charge based on 3/4-inch meter

(b) Volume charge based on 50,000 gal/yr. consumption

(c) Number of customers - 2010