

BOARD OF PUBLIC WORKS MEETING NOTICE

Pursuant to Section 19.84, Wisconsin Statutes, notice is hereby given to the public that a meeting of the Board of Public Works of the City of De Pere will be held on **Monday, April 8, 2013, 7:30 p.m.** in the Council Chambers of the City Hall, 335 S. Broadway, WI 54115.

Notice is hereby given that a majority of the members of the Common Council of the City of De Pere may attend this meeting to gather information about a subject(s) over which they have decision-making responsibility.

*** Items marked are to be forwarded to City Council for approval.**

AGENDA FOR SAID MEETING:

1. Roll Call
2. Approve minutes of the regular meeting held on March 11, 2013 and minutes from the special Board of Public Works meeting held on March 19, 2013 which were previously forwarded to Board Members.
2. Public Comment.
3. Consider Contracting Weed Cutting Services for 2013, 2014 with City Option to Extend to 2015.*
4. Consider Request for Mountable Curb and Asphalt Pavement at 117 Fort Howard Avenue.
5. Consider Relocated Driveway at 875 Lawrence Drive.
6. Consider Wastewater Rate Methodology Alternatives from NEW Water (GBMSD).
7. Consider Award of Project 13-02 – Concrete Street Rehabilitation – Lost Dauphin Road.*
8. Consider Award of Project 13-03 – Sewer Lining - CIPP.*
9. Consider Award of 2013 Ninth Street Elevated Storage Tank Rehabilitation Project.*
10. Consider Contract Renewal for Commercial & Industrial Cross Connection Control Program.*
11. Discuss 2013 Leak Detection Survey.
12. Consider Parking and Traffic Team Minutes.
13. Future Agenda Items
14. Adjournment

Scott J. Thoresen, P.E.
Public Works Director

Agenda Sent to:

Alderspersons
Mayor Michael J. Walsh
Larry Delo, City Administrator
Judy Schmidt-Lehman, City Attorney
Shana Defnet, Clerk-Treasurer
City Hall 1st & 2nd Floor
Eric P. Rakers, City Engineer
Karen M. Heyrman, Assistant City Engineer
Vinton Construction
Bob Mach, Mach IV
Tom Sigmund, NEW Water
L.C. United Painting Co., Inc.

De Pere Journal
Green Bay Press Gazette
TV and Radio Stations
De Pere Area Chamber of Commerce
De Pere Area Business Alliance
North American Communications
WI Public Service Corporation
Brown County Library, De Pere
Joseph & Lou Ann Bloemer
Insituform Technologies USA, Inc.
Hydro Designs

Any person wishing to attend whom, because of disability, requires special accommodations should contact the Office of the Clerk-Treasurer at 339-4050 by noon on the day of the meeting so that arrangements can be made.

BOARD OF PUBLIC WORKS

CITY OF DE PERE, WISCONSIN – MARCH 11, 2013

The Board of Public Works of the City of De Pere, Wisconsin, met in regular session in the Council Chambers in City Hall, on Monday, March 11, 2013.

1. Roll Call. Mayor Walsh called the meeting to order at 7:30 p.m. Roll call was taken and the following members were present: Alderpersons Boyd, Kneiszel, Bauer, and Crevier. Others present were: Scott Thoresen, Director of Public Works, Eric Rakers, City Engineer, and Pam Denis, recording secretary.
2. Approve Minutes. Alderperson Crevier moved to approve the minutes of the February 11, 2013 Board of Public Works regular meeting, Alderperson Bauer seconded the motion. Upon vote, motion carried unanimously.
3. Public Comment. None.
4. Consider Award of Project 13-01 Sewer and Water Relay and Street Resurfacing. Mayor Walsh moved to approve the bid award of Project 13-01 Sewer and Water Relay and Street Resurfacing to Kruczek Construction, Inc. in the amount of \$926,000, Alderperson Boyd seconded the motion. Motion passed unanimously.
5. Consider Award of Project 13-13 Crackfilling. Alderperson Crevier moved to approve the bid award of Project 13-13 Crackfilling to Asphalt Seal and Repair, Inc. in the amount of \$77,400, Alderperson Kneiszel seconded the motion. Upon vote, the motion passed unanimously.
6. Consider Award of Project 13-15 Televising. Alderperson Crevier moved to approve the bid award of Project 13-15 Televising to Speedy Clean Drain and Sewer in the amount of \$103,890.00, Alderperson Bauer seconded the motion. Discussion followed. Eric Rakers, City Engineer, reported the televising and reports are used to identify deficiencies in the sewer system and plan upcoming sewer repairs and replacements. Upon vote, the motion passed unanimously.
7. Consider Engineering Technical Services Agreement with McMahon Associates, Inc. for Storm Water Modeling in Storm Basin AC090A. City Engineer Rakers reported that reconstruction and pavement patching on sections of American Boulevard, Fortune Avenue, and Lawrence Drive is planned over the next three years. The City is planning to address deficiencies in existing underground utilities prior to the installation of new pavements. A report was prepared by McMahon Associates, Inc. in 2008 showing ponding water at low points on American Boulevard, Fortune Avenue, and Lawrence Drive during 5-year storm events. Staff requested a quote from McMahon to recommend pipe sizes in the reconstruction areas that will reduce the ponding and to model the storm basin with the revised pipes. Alderperson Bauer moved to hire McMahon Associates, Inc. for an estimated cost of \$1,900 to recommend the pipe sizes and model storm basin AC090A for the 5-year and 10-year, 24-hour design storms. Alderperson Boyd seconded the motion. The motion passed unanimously.

8. Consider Annual Report under MS4 General Permit. City Engineer Rakers reported that the Engineering Department has completed the Annual Report under MS4 (Storm Water) General Permit for the 2012 calendar year. This report is required to be completed annually and submitted to the Wisconsin Department of Natural Resources (WDNR). City Engineer Rakers reviewed highlights from the 2012 report. Mayor Walsh moved to approve the Annual Report for submittal to the WDNR, Alderperson Bauer seconded the motion. Upon vote, the motion passed unanimously.

9. Consider Intergovernmental Agreement between De Pere and Ledgeview Regarding City Connection to Ledgeview Sewer on Viking Lane and CTH PP. City Engineer Rakers reported that in 1998 the City, Ledgeview, and the Ledgeview Sanitary District #2 entered into an Intergovernmental Agreement which authorized the sale of City water to the Fox River Service Area (comprised of the "Town Island" area of Ledgeview along the Fox River between Rockland Road and the City Boundary). In exchange for city sale of water to the Town Sanitary District for that area, the City received permission to hook up to the Town Sewer on Old Plank Road and the Town agreed to not extend water into Rockland through January 8, 2013. Several years ago, the City started discussing with Ledgeview an extension of the Town's agreement to not extend water into Rockland (which expired on January 8, 2013) and the desire for the City to tap into the Town sanitary sewer along CTH PP for sewer service for several city properties on PP. The parties have negotiated an interim solution where the City will make payment to the Town for the difference in water service rates between the current structure and a revised rate structure, until the City can obtain a revised PSC rate. With the proposed Agreement, the City will be able to connect to the Town PP sewer and the City will obtain a 25 year extension of the prohibition on water sales to Rockland. Mayor Walsh moved to approve the Intergovernmental Agreement between De Pere and Ledgeview Regarding City Connection to Ledgeview Sewer on Viking Land and CTH PP, Alderperson Bauer seconded the motion. Upon vote the motion passed unanimously.

10. Future Agenda Items. Scott Thoresen, Director of Public Works, shared that a Special Meeting of the Board of Public Works may be scheduled for 6:30pm before the City Council Meeting on Tuesday, March 19, 2013 to discuss Walgreens' application for driveways and curb cuts. Eric Rakers, City Engineer, reported that he received notification that the DOT plan to schedule a meeting with local officials at 6:30pm before the regular scheduled Board of Public Works meeting on April 8, 2013 to discuss the HWY 32/57 roundabout on Highway X.

17. Adjournment. Mayor Walsh moved to adjourn the meeting, seconded by Alderperson Kneiszel. Upon unanimous vote, the meeting was adjourned at 7:50pm.

Respectfully submitted,

Pam Denis

Recording Secretary

**BOARD OF PUBLIC WORKS
SPECIAL MEETING
CITY OF DE PERE, WISCONSIN – March 19, 2013**

The Board of Public Works of the City of De Pere, Wisconsin, met in special session at the Council Chambers in City Hall, on Tuesday, March 19, 2013.

1. Roll Call: Mayor Walsh called the meeting to order at 6:35 p.m. Roll call was taken and the following members were present: Alderpersons Kneiszel and Bauer. Alderpersons Boyd and Crevier were excused. Others present were: Scott Thoresen, Director of Public Works, Ken Pabich, Planning Director, and Pam Denis, Recording Secretary.
2. Consider Driveway Curb Cut for Walgreens. Scott Thoresen, Public Works Director, reported that the General Development Plan for the proposed Walgreens has a driveway cut on Broadway that by City Ordinance Chapter 22:15, Section 22:15 Construction of driveway approaches; curb cuts, requires a curb cut permit request. Public Works Director reported that the Board of Public Works has to approve curb cuts for any property with more than 3500 cars per day street traffic. Scott Thoresen, Public Works Director, explained that he was presenting the Staff recommendation now so that if the General Development Plan for the proposed Walgreens was approved, it would not have to return to the Board of Public Works for curb cut approval. Mayor Walsh moved to approve the driveway curb cut request for the proposed Walgreens, Alderperson Bauer seconded the motion. Upon vote, the motion passed, with Alderperson Kneiszel voting nay.
3. Public Comment. None
4. Future Agenda Items: None
5. Adjournment: Upon motion by Mayor Walsh, seconded by Alderperson Bauer, the Board of Public Works unanimously voted to adjourn at 6:45 pm.

Respectfully submitted,
Pam Denis,
Recording Secretary



Memorandum

To: Board of Public Works

From: Don Melichar
De Pere City Forester

Re: Contracting weed cutting services for 2013, 2014 with City option to extend to 2015.

Date: March 28, 2013

Issue: Approval/award contract to a landscaping company for cutting weeds on properties in violation of the City's Noxious Weed Ordinance.

Summary: We have solicited quotes to conduct weed cutting on properties in violation of the City's Weed Ordinance. After soliciting multiple contractors and running a proposal for quotes in the City's official newspaper, the De Pere Journal, we received 5 different quotes. Quotes include having a minimum comprehensive general liability insurance of \$2 million and an additional umbrella liability of not less than \$4 million; response time of two working days; line trimming when needed; and baling or collecting of weeds/grass if needed. I have summarized the quotes below for your review.

Company	Fee/hour	Notes
Lizer Lawn Care	\$45.00/hour	¾ hour minimum. Insurance does not meet City's minimum recommended limits. Conducted City service in 2012.
Sharper Edge Landscaping	\$45.00/hour	Conducted service for City in 2011. Fully insured.
Professional Landscape Management	\$59.00/hour, plus a \$25.00 trip charge	Fully insured.
Landscape Artisans	\$40.00/hour	Insurance does not meet the City's minimum recommended limits.
Landscape Associates	\$45.00/hour, plus \$19.00/hr mower charge and \$9.90/hr small equip charge	Insurance does not meet the City's minimum recommended limits.

Staff Recommendation:

After careful consideration and review of the charge for the service and certificate of insurance for the requested limits it is staff's recommendation to approve **Sharper Edge Landscape** for 2013, 2014 and possibly 2015. After the Board's approval the City Attorney will review and draft a contract similar to last year's for City Council approval.

If you have any questions, please contact me at 339-8362.

City of De Pere

Public Works Department

Memo

To: Honorable Mayor Walsh
Members of the Board of Public Works
From: Karen Heyrman, P.E., Assistant City Engineer *KMH*
Date: April 3, 2013
Subject: Consider Request for Mountable Curb and Asphalt Pavement at 117 Fort Howard Avenue.

The attached Figure 1 shows the proposed reconstruction of a portion of the alley that is planned for 2013. When City streets are reconstructed they are designed to current standards. The street width is our minimum width with parking allowed on both sides. The "hammer head" is designed so garbage trucks can turn around and will be signed for no parking. Currently the garbage truck backs in from Fort Howard Avenue.

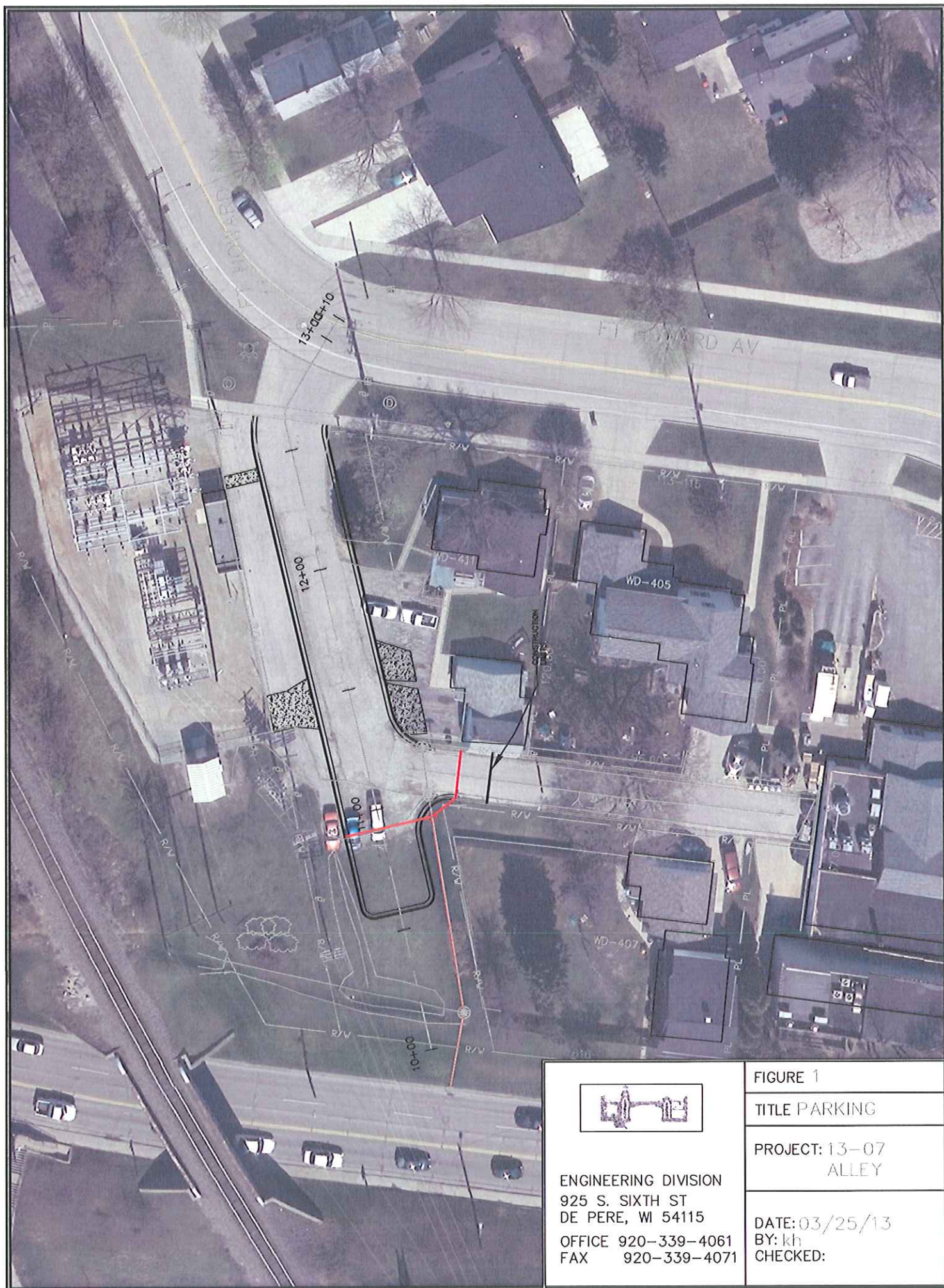
Two alternatives were developed to include additional parking within the right of way. The additional cost of this parking would be assessed to the benefitting property owners. Staff met and/or spoke with the five property owners to discuss the potential assessment. All currently have adequate parking. None of the property owners wanted to pay for the cost for additional parking.

The property owner of 117 Fort Howard Avenue is requesting a mountable curb adjacent to his property and pavement in the terrace so he can utilize the area for tenant parking. Two sections of the Municipal code do not allow this.

Sec. 14-55(8) (a) 1 restricts the width of the driveway for this zoning to what is shown on the plan. Waiver requests shall be through the Board of Public Works.

Section 22-21(a) requires that the terrace be maintained as lawn, except in areas specifically approved by the board of public works.

Staff is recommending that the board deny this request. Variances are typically granted when there is a unique hardship that is caused on the property. The planned reconstruction does not induce a hardship to the property because adequate parking is available if the existing garage space is utilized.



ENGINEERING DIVISION
 925 S. SIXTH ST
 DE PERE, WI 54115
 OFFICE 920-339-4061
 FAX 920-339-4071

FIGURE 1

TITLE PARKING

PROJECT: 13-07
 ALLEY

DATE: 03/25/13
 BY: kh
 CHECKED:

City of De Pere

Public Works Department

Memo

To: Honorable Mayor Walsh
 Members of the Board of Public Works
From: Eric Rakers, P.E., City Engineer *EPR*
Date: April 4, 2013
Subject: Consider Relocated Driveway at 875 Lawrence Drive.

Staff has received a proposed expansion for Cummins at 875 Lawrence Drive. The plans includes for relocating an existing driveway. A plan of the site has been attached. The average daily traffic on Lawrence Drive at this location is greater than 3500 vehicles per day. Chapter 22.15 of the Code requires Board of Public Works approval as stated below:

Sec. 22-15. Construction of driveway approaches; curb cuts.

(a) In addition to obtaining license under section 22-10 of this chapter, before a driveway or curb cut for a driveway is made, a permit therefore shall be obtained from the director of public works. The location of all driveway openings or approaches, otherwise known as curb cuts, on all driveways servicing any property in the city which abuts a state or county highway or abuts a city street having a traffic count of 3,500 or more vehicles per a 24-hour period, other than property used for single-family or two-family residence purposes, shall be first approved by the board of public works, upon the presentation of a complete plot plan by the owner or applicant to such board prior to issuance of a permit by the director of public works. Such permit shall apply only to those locations approved by the board. In addition to the requirements set forth above, all applications for curb cuts on any street, except in the case of single-family or two-family dwellings, shall be conditioned upon the approval of an off-street parking plan as required by section 14.51(13) of the zoning ordinance.

The new driveway replaces an existing driveway. The width of the new driveway at the right-of-way is approximately 58 feet. Section 14-55(8)(a)(1) allows for a maximum width of 35 feet at the right-of-way. The additional width is required due to truck turning movements. The additional width does not negatively impact traffic flow along Lawrence Drive. A variance will be required for the additional width. Note that the existing drive to the south has a width of approximately 60 feet at the right-of-way.

Staff recommendation is to approve the relocated driveway with a 58 foot width at the right-of-way.

City of De Pere

Public Works Department

Memo

To: Honorable Mayor Walsh
Members of the Board of Public Works

From: Eric Rakers, P.E., City Engineer *ER*

Date: February 7, 2013

Subject: Consider Wastewater Rate Methodology Alternatives from NEW Water (GBMSD)

In 2012, NEW Water (GBMSD) hired a consultant to analyze and recommend a rate methodology for the wastewater services provided to customers. The purpose of the study was to allocate costs in an equitable and defensible manner while accounting for the new debt service costs associated with the Resource Recovery and Electrical Energy (R2E2) Project, as well as costs associated with other future improvements. NEW Water formed a Stakeholder Advisory Group (SAG) to provide input on the rate methodology. The SAG consisted of municipal customers (including De Pere), Procter & Gamble, several of the large wastewater generators (including Thilmany, US Paper, and Fox River Fiber) and staff from NEW Water.

The study has reached a point where four alternatives, (Status quo, B1, B2, and B3) have been presented to the public. Under alternatives B1, B2, and B3, NEW Water has further evaluated the impacts based on the amount of charges allocated to the fixed costs. The four alternatives, with descriptions as provided by NEW Water are as follows:

A. Status quo (Existing)

As a wholesaler of wastewater treatment services, NEW Water does not bill retail customers directly. The municipalities, sanitary districts, and one mill are the customers of NEW Water and are billed for wastewater conveyance and treatment service. Those municipalities then bill the end-users in accordance with their own policies. For billing its customers, NEW Water uses the following five parameters: volume (1,000 gallons-kgals), pounds (lbs.) of biochemical oxygen demand (BOD), suspended solids (SS), phosphorus (P), and total Kjeldahl nitrogen (TKN). Under this alternative, NEW Water customers will continue to be billed in the same manner as they have been under the existing rate methodology.

B1. Fixed monthly charge with uniform rates, equivalent water meters

Under this option, a fixed charge would recover a percentage of NEW Water's annual debt service and administrative costs. Equivalent water meters would be calculated by customer for billing purposes. Remaining costs would be recovered based on unit rates for Flow, BOD, TSS, Phosphorus, and TKN.

B1a: Fixed charge supporting operation and maintenance and debt

B1b: Fixed charge supporting debt

B2. Fixed monthly charge with uniform rates, flows, and loadings

This alternative would assess a fixed charge, which would recover a percentage of the annual debt service and administrative costs. Average flow and loadings

percentages would be calculated for each customer; and a fixed charge allocation would be based on flows and loadings percentages by customer. Remaining costs would be recovered based on unit rates for Flow, BOD, TSS, Phosphorus, and TKN.

B2a: Fixed charge supporting operation and maintenance and debt

B2b: Fixed charge supporting debt

B3. Fixed monthly charge with uniform rates, select industrial dischargers

This option mirrors option B2 above, with the difference that NEW Water's cost for large industrial dischargers would be separated from the municipalities they discharge to in order to directly calculate costs of service provided by NEW Water. Charges from the municipalities for those industrial dischargers would be calculated separately. The monthly bills industrial dischargers receive would still be issued by the municipalities.

B3a: Fixed charge supporting operation and maintenance and debt

B3b: Fixed charge supporting debt

Options B2 and B3 are identical except for the total treatment costs to the City. The difference is that in B2 the City will continue to invoice the mills and in B3 NEW Water will invoice the mills.

Option 3 has been presented by NEW Water to facilitate a rebate system in 2018 that will provide a benefit (in the form of a rebate) to wastewater generators that produce large amounts of BOD. BOD is the primary component in wastewater that will be used to generate energy as part of the R2E2 facility upgrade that NEW Water is currently designing. The facility is anticipated to be in operation in 2018. Under this option, NEW Water will be able to rebate large BOD producers directly. Under other options, the rebate will go to the municipalities. The municipalities will then have the option to apply the rebate to their general rates or directly apply it to BOD producers.

NEW Water has also provided an evaluation of the cost of service allocation for the alternatives listed above for each of NEW Water's customers. This has been included for your review.

On April 25th, the NEW Water Commission will be holding a workshop to consider the rate methodology alternatives. Written customer and industrial discharge responses are encouraged prior to the workshop. NEW Water is also encouraging customers to come to the meeting and participate so that the Commission may have the opportunity to receive all input before rendering a decision. A selection of the rate methodology alternative is expected to be made at the May 29th Commission meeting.

At the time of this memo, staff is still evaluating the impacts to individual customers in the City.



Memorandum

TO: Commission
Tom Sigmund

FROM: Paul Kaster

DATE: March 13, 2013

SUBJECT: Rate Methodology Update

Background

Red Oak Consulting (Red Oak) was retained by NEW Water, the brand of Green Bay Metropolitan Sewerage District, to conduct a rate methodology for cost of service allocation study. The purpose of the rate study is to analyze and recommend a rate methodology that allocates costs in an equitable and defensible manner while accounting for the new debt service costs associated with the Resource Recovery and Electrical Generation (R2E2) Project, as well as costs associated with other future improvement projects.

On February 28, 2013, staff and Red Oak presented the evaluation process, rate alternative elimination, and final four rate alternatives to the Commission and the Stakeholder Advisory Group (SAG). After reviewing the results of the initial evaluations and discussions, the following rate structure alternatives were refined for further evaluation:

- A. Status quo (existing)
- B. Fixed monthly charge with uniform volume rate based on metered and sampled wastewater flow and loadings:
 - 1. Fixed monthly charge based on water meter sizes of municipalities' customers and credit for energy generation,
 - 2. Fixed monthly charge based on percent of flows and loadings of customers and credit for energy generation,
 - 3. Fixed charge with NEW Water directly charging select industrial customers and credit for energy generation; *(Note: NEW Water will continue to bill only its customers, any industrial entities fee collection will continue to remain part of the relevant municipality where the industry is located).*

See attached notification letter and corresponding documentation.

Rate methodology descriptions and advantages and disadvantages were provided to the Commission and SAG at the February 28, 2013 meetings and are again set forth below:

Rate Methodology Descriptions

- **Status quo (existing)**: As a wholesaler of wastewater treatment services, NEW Water does not bill retail customers directly. The municipalities, sanitary districts, and one mill are the customers of NEW Water and are billed for wastewater treatment service. Those municipalities then bill the end-users in accordance with their own policies. For billing its customers, NEW Water uses the following five parameters: Volume (1,000 gallons - kgals), pounds (lbs.) of Biochemical Oxygen Demand (BOD), Total Suspended Solids (TSS), Phosphorus (P), and Total Kjeldahl Nitrogen (TKN). Under this alternative, NEW Water customers will continue to be billed in the same manner as they have been under the existing rate methodology.
- **Fixed Monthly Charge with Uniform Volume Rate Based on Metered and Sampled Wastewater Flow and Loadings**: Each municipal, sanitary district, and industrial customer (Procter & Gamble) is charged a fixed monthly amount to cover a percentage of annual debt service and administrative costs plus a uniform volume rate for the billable units of Flow, BOD, TSS, P, and TKN to recover the remaining revenue requirements.
 - **B1: Fixed monthly charge with uniform rates, equivalent water meters.** Under this option, a fixed charge would recover a percentage of NEW Water's annual debt service and administrative costs. Equivalent water meters would be calculated by customer for billing purposes. Remaining costs would be recovered based on unit rates for flow, BOD, TSS, P, and TKN.
 - **B2: Fixed monthly charge with uniform rates, flows and loadings.** This alternative would assess a fixed charge, which would recover a percentage of the annual debt service and administrative costs. Average flow and loadings percentages would be calculated for each customer; and a fixed charge allocation would be based on flows and loadings percentages by customer. Remaining costs would be recovered based on unit rates for Flow, BOD, TSS, P, and TKN.
 - **B3: Fixed monthly charge with uniform rates, select industrial dischargers.** This option mirrors option B2 above, with the difference that NEW Water's cost for large industrial dischargers would be separated from the municipalities they discharge to in order to directly calculate costs of service provided by NEW Water. Charges from the municipalities for those industrial dischargers would be calculated separately. The monthly bills industrial dischargers receive would still be issued by the municipalities.

** All alternatives will consider implementing Credit for Energy Generation, given for wastewater flows containing energy producing loadings. Projected Energy Credit available in 2018.*

Advantages and Disadvantages

- **Status quo (existing)**

Main Characteristics
O&M expenses allocated based on wastewater volume and strength of flow (loadings)
Debt service allocated based on wastewater plant investment percentages
Uniform volume rate for measured and sampled flows and loadings

Advantages	Disadvantages
Already in place; low administrative burden	Not sustainable for NEW Water future services
Defined cost allocation approach	Significant R2E2 facility costs will be allocated to BOD and TSS
Generally understood	Often unpredictable monthly bills for municipalities
	No direct credit for energy producing loadings.

- B.1. Fixed monthly charge with uniform rates, equivalent water meters.

Main Characteristics
Fixed charges recover a portion of debt service and administrative costs
Uses count of water meters by size by municipality
Credits for significant BOD and volatile TSS discharges where energy can be recovered

Advantages	Disadvantages
Stable revenues for NEW Water's debt service	Administrative burden to collect and maintain meter size data
Potential credit for high-strength energy-producing waste	Customers on wells need an assigned equivalency
Easy translation to customers' own rates	

- B2: Fixed monthly charge with uniform rates, flows and loadings.

Main Characteristics
Fixed charges recover a portion of debt service and administrative costs
Fixed charge allocated based on proportional use of the system
Credits for significant BOD and volatile TSS discharges where energy can be recovered

Advantages	Disadvantages
Fixed charges recovered proportionately	Concerns about metered flow accuracy
Stable revenues for NEW Water's debt service	Annual changes in flows & loadings
Potential credit for high-strength energy-producing waste	Changes in flows & loadings within a year (equity issue)
Proportions currently calculated in NEW Water's system	

- B3: Fixed monthly charge with uniform rates, select industrial dischargers.

Main Characteristics
Fixed charges recover a portion of debt service and administrative costs
Select industrial dischargers receive separate statement for treatment from NEW Water – billed to municipality
Credits for significant BOD and volatile TSS discharges where energy can be recovered

Advantages	Disadvantages
Potential credit direct from NEW Water for high-strength energy-producing waste	Possible loss of industrial customer leaves revenue responsibility
Gives NEW Water first-hand knowledge of data for largest customers	Additional NEW Water staff needed for monitoring/sampling
	Potential for equity issues with industrial customers
	Increase in NEW Water administrative burden

On March 21, 2013, NEW Water will be holding two public information meetings during the day and evening, to accommodate different schedules. Notifications of these meetings have been sent to all municipal customers, mill customer, and Significant Industrial Users. Comments ascertained from these meetings will be provide to the Commission at the March 27, 2013 Commission meeting.

At the April 25 meeting, NEW Water and Red Oak will provide the Commission with a more detailed analysis of the rate methodology alternatives.

Red Oak and staff have projected preliminary rate projections for each of the above stated alternatives for years 2014, 2015, and 2016 as indicated below (see attached Rate Projection.)

Recommendation

NEW Water staff and Red Oak are proposing to the Commission the following:

1. Review the rate alternative information provided.
2. Clarify additional questions, issues, and additional information needed for the April rate methodology workshop.
3. Determine a rate methodology alternative for selection at the May 2013 Commission meeting.

Commission Action

No Commission action is required.

Flow and Load Projections - 2014

Customer	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Equivalent Meters	Flows and Loads
City of Green Bay	4,881,467	6,626,148	6,593,795	186,288	1,365,378	38,630	39.1%
City of De Pere	1,623,995	12,135,428	2,748,710	42,793	344,371	13,280	19.8%
Village of Allouez	751,461	872,317	1,061,308	23,715	156,969	6,489	5.4%
Village of Ashwaubenon	1,468,518	2,762,475	3,165,646	92,093	368,959	8,295	15.0%
Village of Bellevue	626,217	904,041	951,263	24,824	164,521	4,768	5.2%
Village of Hobart	101,447	175,796	164,637	4,135	26,289	822	0.9%
Village of Howard	814,083	710,124	1,409,818	30,179	202,248	7,270	6.4%
Village of Luxemburg	114,807	25,500	30,297	3,562	13,259	918	0.5%
Village of Pulaski	187,865	57,462	65,616	8,088	39,269	1,502	1.1%
Village of Suamico	185,778	462,296	381,896	10,860	63,318	2,403	2.1%
Town of Ledgeview	210,000	359,631	434,862	10,149	77,460	2,244	2.1%
Town of Lawrence	75,996	148,764	184,827	4,207	32,625	634	0.9%
Pittsfield Sanitary District	13,432	21,575	26,966	675	4,317	107	0.1%
Scott Sanitary District #1	76,190	72,283	91,447	2,577	16,707	609	0.5%
Royal Scot Sanitary District	30,267	48,612	60,767	1,532	9,723	242	0.3%
Bayshore Sanitary District	18,004	28,918	36,145	912	5,786	144	0.2%
Dyckesville Sanitary District	26,719	42,912	53,643	1,354	8,583	214	0.3%
New Franken Sanitary District	16,438	26,399	33,008	832	5,282	131	0.2%
Hauled Waste	32,484	763,302	718,535	9,817	47,830	0	-
Procter & Gamble	1,500,150	525,000	1,400,000	3,500	30,000	0	-

Rates by Parameter

Municipal	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Fixed Charge
2014 Rate (Status Quo)	\$0.796	\$0.333	\$0.453	\$0.679	\$0.693	\$0.00
B1a - Fixed charge recovers O&M and debt service	\$0.549	\$0.304	\$0.396	\$0.629	\$0.667	\$52.59
B1b - Fixed charge recovers debt service only	\$0.750	\$0.269	\$0.329	\$0.569	\$0.635	\$52.59
B2a - Fixed charge recovers O&M and debt service	\$0.549	\$0.304	\$0.396	\$0.629	\$0.667	\$4,664.605
B2b - Fixed charge recovers debt service only	\$0.750	\$0.269	\$0.329	\$0.569	\$0.635	\$4,664.605

P&G	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Fixed Charge
2014 Rate (Status Quo)	\$0.547	\$0.201	\$0.199	\$0.451	\$0.568	\$0.00
B1a - Fixed charge recovers O&M and debt service	\$0.547	\$0.201	\$0.199	\$0.451	\$0.568	\$0.00
B1b - Fixed charge recovers debt service only	\$0.547	\$0.201	\$0.199	\$0.451	\$0.568	\$0.00
B2a - Fixed charge recovers O&M and debt service	\$0.547	\$0.201	\$0.199	\$0.451	\$0.568	\$0
B2b - Fixed charge recovers debt service only	\$0.547	\$0.201	\$0.199	\$0.451	\$0.568	\$0

DRAFT - NEW Water Rate Methodology for Cost of Service Allocation - Five Parameters and Projected Rates - 2014

Customer	Alternative	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Fixed Charge	Total	Percent Change from SQ
City of Green Bay	2014 Rate (Status Quo)	\$3,885,222	\$2,205,253	\$2,984,823	\$126,493	\$945,887	\$0	\$10,147,678	
City of Green Bay	B1a - O&M and DS Fixed Charge	\$2,679,288	\$2,013,768	\$2,613,434	\$117,212	\$910,286	\$2,031,485	\$10,365,472	2.1%
City of Green Bay	B1b - DS Fixed Charge	\$3,661,027	\$1,783,712	\$2,167,239	\$106,061	\$867,515	\$2,031,485	\$10,617,040	4.6%
City of Green Bay	B2a - O&M and DS Fixed Charge	\$2,679,288	\$2,013,768	\$2,613,434	\$117,212	\$910,286	\$1,825,742	\$10,159,729	0.1%
City of Green Bay	B2b - DS Fixed Charge	\$3,661,027	\$1,783,712	\$2,167,239	\$106,061	\$867,515	\$1,825,742	\$10,411,297	2.6%
City of De Pere	2014 Rate (Status Quo)	\$1,292,559	\$4,038,800	\$1,244,262	\$29,057	\$238,568	\$0	\$6,843,247	
City of De Pere	B1a - O&M and DS Fixed Charge	\$891,361	\$3,688,105	\$1,089,444	\$26,925	\$229,589	\$698,363	\$6,623,788	(3.2%)
City of De Pere	B1b - DS Fixed Charge	\$1,217,972	\$3,266,771	\$903,442	\$24,364	\$218,802	\$698,363	\$6,329,714	(7.5%)
City of De Pere	B2a - O&M and DS Fixed Charge	\$891,361	\$3,688,105	\$1,089,444	\$26,925	\$229,589	\$925,440	\$6,850,865	0.1%
City of De Pere	B2b - DS Fixed Charge	\$1,217,972	\$3,266,771	\$903,442	\$24,364	\$218,802	\$925,440	\$6,556,791	(4.2%)
Village of Allouez	2014 Rate (Status Quo)	\$598,097	\$290,316	\$480,424	\$16,103	\$108,743	\$0	\$1,493,683	
Village of Allouez	B1a - O&M and DS Fixed Charge	\$412,454	\$265,108	\$420,647	\$14,921	\$104,650	\$341,227	\$1,559,007	4.4%
Village of Allouez	B1b - DS Fixed Charge	\$563,584	\$234,822	\$348,829	\$13,502	\$99,733	\$341,227	\$1,601,697	7.2%
Village of Allouez	B2a - O&M and DS Fixed Charge	\$412,454	\$265,108	\$420,647	\$14,921	\$104,650	\$250,709	\$1,468,488	(1.7%)
Village of Allouez	B2b - DS Fixed Charge	\$563,584	\$234,822	\$348,829	\$13,502	\$99,733	\$250,709	\$1,511,178	1.2%
Village of Ashwaubenon	2014 Rate (Status Quo)	\$1,168,812	\$919,381	\$1,432,997	\$62,533	\$255,602	\$0	\$3,839,326	
Village of Ashwaubenon	B1a - O&M and DS Fixed Charge	\$806,025	\$839,550	\$1,254,696	\$57,945	\$245,982	\$436,241	\$3,640,438	(5.2%)
Village of Ashwaubenon	B1b - DS Fixed Charge	\$1,101,366	\$743,639	\$1,040,480	\$52,433	\$234,424	\$436,241	\$3,608,583	(6.0%)
Village of Ashwaubenon	B2a - O&M and DS Fixed Charge	\$806,025	\$839,550	\$1,254,696	\$57,945	\$245,982	\$701,960	\$3,906,157	1.7%
Village of Ashwaubenon	B2b - DS Fixed Charge	\$1,101,366	\$743,639	\$1,040,480	\$52,433	\$234,424	\$701,960	\$3,874,302	0.9%
Village of Bellevue	2014 Rate (Status Quo)	\$498,414	\$300,874	\$430,609	\$16,856	\$113,974	\$0	\$1,360,728	
Village of Bellevue	B1a - O&M and DS Fixed Charge	\$343,711	\$274,749	\$377,031	\$15,619	\$109,684	\$250,728	\$1,371,523	0.8%
Village of Bellevue	B1b - DS Fixed Charge	\$469,653	\$243,361	\$312,660	\$14,133	\$104,531	\$250,728	\$1,395,067	2.5%
Village of Bellevue	B2a - O&M and DS Fixed Charge	\$343,711	\$274,749	\$377,031	\$15,619	\$109,684	\$240,320	\$1,361,114	0.0%
Village of Bellevue	B2b - DS Fixed Charge	\$469,653	\$243,361	\$312,660	\$14,133	\$104,531	\$240,320	\$1,384,658	1.8%
Village of Hobart	2014 Rate (Status Quo)	\$80,743	\$58,507	\$74,526	\$2,807	\$18,212	\$0	\$234,796	
Village of Hobart	B1a - O&M and DS Fixed Charge	\$55,681	\$53,426	\$65,253	\$2,601	\$17,527	\$43,208	\$237,697	1.2%
Village of Hobart	B1b - DS Fixed Charge	\$76,084	\$47,323	\$54,113	\$2,354	\$16,703	\$43,208	\$239,784	2.1%
Village of Hobart	B2a - O&M and DS Fixed Charge	\$55,681	\$53,426	\$65,253	\$2,601	\$17,527	\$40,686	\$235,175	0.2%
Village of Hobart	B2b - DS Fixed Charge	\$76,084	\$47,323	\$54,113	\$2,354	\$16,703	\$40,686	\$237,263	1.1%
Village of Howard	2014 Rate (Status Quo)	\$647,939	\$236,337	\$638,184	\$20,492	\$140,110	\$0	\$1,683,063	
Village of Howard	B1a - O&M and DS Fixed Charge	\$446,825	\$215,815	\$558,778	\$18,989	\$134,837	\$382,324	\$1,757,567	4.4%
Village of Howard	B1b - DS Fixed Charge	\$610,550	\$191,160	\$463,377	\$17,182	\$128,501	\$382,324	\$1,793,094	6.5%
Village of Howard	B2a - O&M and DS Fixed Charge	\$446,825	\$215,815	\$558,778	\$18,989	\$134,837	\$296,539	\$1,671,783	(0.7%)
Village of Howard	B2b - DS Fixed Charge	\$610,550	\$191,160	\$463,377	\$17,182	\$128,501	\$296,539	\$1,707,310	1.4%
Village of Luxemburg	2014 Rate (Status Quo)	\$91,376	\$8,487	\$13,714	\$2,418	\$9,185	\$0	\$125,181	
Village of Luxemburg	B1a - O&M and DS Fixed Charge	\$63,014	\$7,750	\$12,008	\$2,241	\$8,840	\$48,255	\$142,107	13.5%
Village of Luxemburg	B1b - DS Fixed Charge	\$86,104	\$6,864	\$9,958	\$2,028	\$8,424	\$48,255	\$161,633	29.1%
Village of Luxemburg	B2a - O&M and DS Fixed Charge	\$63,014	\$7,750	\$12,008	\$2,241	\$8,840	\$23,755	\$117,608	(6.1%)
Village of Luxemburg	B2b - DS Fixed Charge	\$86,104	\$6,864	\$9,958	\$2,028	\$8,424	\$23,755	\$137,133	9.5%

2014

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Customer	Alternative	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Fixed Charge	Total	Percent Change from SQ
Village of Pulaski	2014 Rate (Status Quo)	\$149,524	\$19,124	\$29,703	\$5,492	\$27,204	\$0	\$231,047	
Village of Pulaski	B1a - O&M and DS Fixed Charge	\$103,113	\$17,463	\$26,007	\$5,089	\$26,181	\$78,963	\$256,816	11.2%
Village of Pulaski	B1b - DS Fixed Charge	\$140,896	\$15,468	\$21,567	\$4,605	\$24,950	\$78,963	\$286,449	24.0%
Village of Pulaski	B2a - O&M and DS Fixed Charge	\$103,113	\$17,463	\$26,007	\$5,089	\$26,181	\$50,645	\$228,498	(1.1%)
Village of Pulaski	B2b - DS Fixed Charge	\$140,896	\$15,468	\$21,567	\$4,605	\$24,950	\$50,645	\$258,131	11.7%
Village of Suamico	2014 Rate (Status Quo)	\$147,863	\$153,857	\$172,873	\$7,374	\$43,865	\$0	\$525,832	
Village of Suamico	B1a - O&M and DS Fixed Charge	\$101,968	\$140,497	\$151,363	\$6,833	\$42,214	\$126,358	\$569,234	8.3%
Village of Suamico	B1b - DS Fixed Charge	\$124,447	\$124,447	\$125,521	\$6,183	\$40,230	\$126,358	\$562,070	6.9%
Village of Suamico	B2a - O&M and DS Fixed Charge	\$101,968	\$140,497	\$151,363	\$6,833	\$42,214	\$95,644	\$538,520	2.4%
Village of Suamico	B2b - DS Fixed Charge	\$139,331	\$124,447	\$125,521	\$6,183	\$40,230	\$95,644	\$531,356	1.1%
Town of Ledgewood	2014 Rate (Status Quo)	\$167,142	\$119,689	\$186,850	\$6,892	\$53,662	\$0	\$544,234	
Town of Ledgewood	B1a - O&M and DS Fixed Charge	\$115,263	\$109,296	\$172,357	\$6,386	\$51,642	\$118,018	\$572,961	5.3%
Town of Ledgewood	B1b - DS Fixed Charge	\$157,497	\$96,810	\$142,930	\$5,779	\$49,216	\$118,018	\$570,249	4.8%
Town of Ledgewood	B2a - O&M and DS Fixed Charge	\$115,263	\$109,296	\$172,357	\$6,386	\$51,642	\$99,788	\$554,732	1.9%
Town of Ledgewood	B2b - DS Fixed Charge	\$157,497	\$96,810	\$142,930	\$5,779	\$49,216	\$99,788	\$552,019	1.4%
Town of Lawrence	2014 Rate (Status Quo)	\$60,486	\$49,510	\$83,666	\$2,857	\$22,602	\$0	\$219,120	
Town of Lawrence	B1a - O&M and DS Fixed Charge	\$41,712	\$45,211	\$73,256	\$2,647	\$21,751	\$33,338	\$217,915	(0.6%)
Town of Lawrence	B1b - DS Fixed Charge	\$56,996	\$40,046	\$60,749	\$2,395	\$20,729	\$33,338	\$214,253	(2.2%)
Town of Lawrence	B2a - O&M and DS Fixed Charge	\$41,712	\$45,211	\$73,256	\$2,647	\$21,751	\$40,843	\$225,419	2.9%
Town of Lawrence	B2b - DS Fixed Charge	\$56,996	\$40,046	\$60,749	\$2,395	\$20,729	\$40,843	\$221,758	1.2%
Pittsfield Sanitary District	2014 Rate (Status Quo)	\$10,691	\$7,181	\$12,207	\$459	\$2,991	\$0	\$33,528	
Pittsfield Sanitary District	B1a - O&M and DS Fixed Charge	\$7,372	\$6,557	\$10,688	\$425	\$2,878	\$5,646	\$33,567	0.1%
Pittsfield Sanitary District	B1b - DS Fixed Charge	\$10,074	\$5,808	\$8,863	\$385	\$2,743	\$5,646	\$33,518	(0.0%)
Pittsfield Sanitary District	B2a - O&M and DS Fixed Charge	\$7,372	\$6,557	\$10,688	\$425	\$2,878	\$6,135	\$34,056	1.6%
Pittsfield Sanitary District	B2b - DS Fixed Charge	\$10,074	\$5,808	\$8,863	\$385	\$2,743	\$6,135	\$34,008	1.4%
Scott Sanitary District #1	2014 Rate (Status Quo)	\$60,641	\$24,056	\$41,395	\$1,750	\$11,574	\$0	\$139,416	
Scott Sanitary District #1	B1a - O&M and DS Fixed Charge	\$41,818	\$21,968	\$36,245	\$1,621	\$11,138	\$32,024	\$144,814	3.9%
Scott Sanitary District #1	B1b - DS Fixed Charge	\$57,141	\$19,458	\$30,057	\$1,467	\$10,615	\$32,024	\$150,762	8.1%
Scott Sanitary District #1	B2a - O&M and DS Fixed Charge	\$41,818	\$21,968	\$36,245	\$1,621	\$11,138	\$24,579	\$137,369	(1.5%)
Scott Sanitary District #1	B2b - DS Fixed Charge	\$57,141	\$19,458	\$30,057	\$1,467	\$10,615	\$24,579	\$143,317	2.8%
Royal Scot Sanitary District	2014 Rate (Status Quo)	\$24,090	\$16,179	\$27,508	\$1,040	\$6,736	\$0	\$75,552	
Royal Scot Sanitary District	B1a - O&M and DS Fixed Charge	\$16,613	\$14,774	\$24,085	\$964	\$6,482	\$12,722	\$75,639	0.1%
Royal Scot Sanitary District	B1b - DS Fixed Charge	\$22,700	\$13,086	\$19,973	\$872	\$6,178	\$12,722	\$75,530	(0.0%)
Royal Scot Sanitary District	B2a - O&M and DS Fixed Charge	\$16,613	\$14,774	\$24,085	\$964	\$6,482	\$13,843	\$76,760	1.6%
Royal Scot Sanitary District	B2b - DS Fixed Charge	\$22,700	\$13,086	\$19,973	\$872	\$6,178	\$13,843	\$76,651	1.5%

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Customer	Alternative	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Fixed Charge	Total	Percent Change from SQ
Bayshore Sanitary District	2014 Rate (Status Quo)	\$14,330	\$9,624	\$16,362	\$619	\$4,008	\$0	\$44,943	
Bayshore Sanitary District	B1a - O&M and DS Fixed Charge	\$9,882	\$8,788	\$14,326	\$574	\$3,857	\$7,567	\$44,994	0.1%
Bayshore Sanitary District	B1b - DS Fixed Charge	\$13,503	\$7,784	\$11,880	\$519	\$3,676	\$7,567	\$44,930	(0.0%)
Bayshore Sanitary District	B2a - O&M and DS Fixed Charge	\$9,882	\$8,788	\$14,326	\$574	\$3,857	\$8,236	\$45,663	1.6%
Bayshore Sanitary District	B2b - DS Fixed Charge	\$13,503	\$7,784	\$11,880	\$519	\$3,676	\$8,236	\$45,598	1.5%
Dyckesville Sanitary District	2014 Rate (Status Quo)	\$21,266	\$14,282	\$24,283	\$919	\$5,946	\$0	\$66,695	
Dyckesville Sanitary District	B1a - O&M and DS Fixed Charge	\$14,665	\$13,042	\$21,261	\$852	\$5,722	\$11,230	\$66,772	0.1%
Dyckesville Sanitary District	B1b - DS Fixed Charge	\$20,039	\$11,552	\$17,631	\$771	\$5,453	\$11,230	\$66,676	(0.0%)
Dyckesville Sanitary District	B2a - O&M and DS Fixed Charge	\$14,665	\$13,042	\$21,261	\$852	\$5,722	\$12,223	\$67,765	1.6%
Dyckesville Sanitary District	B2b - DS Fixed Charge	\$20,039	\$11,552	\$17,631	\$771	\$5,453	\$12,223	\$67,669	1.5%
New Franken Sanitary District	2014 Rate (Status Quo)	\$13,083	\$8,786	\$14,942	\$565	\$3,659	\$0	\$41,035	
New Franken Sanitary District	B1a - O&M and DS Fixed Charge	\$9,022	\$8,023	\$13,083	\$524	\$3,522	\$6,909	\$41,083	0.1%
New Franken Sanitary District	B1b - DS Fixed Charge	\$12,328	\$7,107	\$10,849	\$474	\$3,356	\$6,909	\$41,023	(0.0%)
New Franken Sanitary District	B2a - O&M and DS Fixed Charge	\$9,022	\$8,023	\$13,083	\$524	\$3,522	\$7,519	\$41,893	1.6%
New Franken Sanitary District	B2b - DS Fixed Charge	\$12,328	\$7,107	\$10,849	\$474	\$3,356	\$7,519	\$41,833	1.5%
Hauled Waste	2014 Rate (Status Quo)	\$25,854	\$254,035	\$325,260	\$6,666	\$33,135	\$0	\$644,950	
Hauled Waste	B1a - O&M and DS Fixed Charge	\$17,829	\$231,977	\$284,789	\$6,177	\$31,888	\$0	\$572,660	(11.2%)
Hauled Waste	B1b - DS Fixed Charge	\$24,363	\$205,475	\$236,167	\$5,589	\$30,390	\$0	\$501,984	(22.2%)
Hauled Waste	B2a - O&M and DS Fixed Charge	\$17,829	\$231,977	\$284,789	\$6,177	\$31,888	\$0	\$572,660	(11.2%)
Hauled Waste	B2b - DS Fixed Charge	\$24,363	\$205,475	\$236,167	\$5,589	\$30,390	\$0	\$501,984	(22.2%)
Total Municipal	2014 Rate (Status Quo)	\$8,958,133	\$8,734,279	\$8,244,588	\$311,391	\$2,045,664	\$0	\$28,294,054	
Total Municipal	B1a - O&M and DS Fixed Charge	\$6,177,618	\$7,975,868	\$7,218,750	\$288,544	\$1,988,671	\$4,664,605	\$28,294,054	-
Total Municipal	B1b - DS Fixed Charge	\$8,441,207	\$7,064,695	\$5,986,283	\$261,095	\$1,876,170	\$4,664,605	\$28,294,054	-
Total Municipal	B2a - O&M and DS Fixed Charge	\$6,177,618	\$7,975,868	\$7,218,750	\$288,544	\$1,988,671	\$4,664,605	\$28,294,054	-
Total Municipal	B2b - DS Fixed Charge	\$8,441,207	\$7,064,695	\$5,986,283	\$261,095	\$1,876,170	\$4,664,605	\$28,294,054	(0.0%)
Procter & Gamble	2014 Rate (Status Quo)	\$821,107	\$105,667	\$278,754	\$1,578	\$17,046	\$0	\$1,224,152	
Procter & Gamble	B1a - O&M and DS Fixed Charge	\$821,107	\$105,667	\$278,754	\$1,578	\$17,046	\$0	\$1,224,152	-
Procter & Gamble	B1b - DS Fixed Charge	\$821,107	\$105,667	\$278,754	\$1,578	\$17,046	\$0	\$1,224,152	-
Procter & Gamble	B2a - O&M and DS Fixed Charge	\$821,107	\$105,667	\$278,754	\$1,578	\$17,046	\$0	\$1,224,152	-
Procter & Gamble	B2b - DS Fixed Charge	\$821,107	\$105,667	\$278,754	\$1,578	\$17,046	\$0	\$1,224,152	-
Grand Total	2014 Rate (Status Quo)	\$9,779,240	\$8,839,945	\$8,523,342	\$312,969	\$2,062,709	\$0	\$29,518,206	
Grand Total	B1a - O&M and DS Fixed Charge	\$6,998,725	\$8,081,534	\$7,497,504	\$290,121	\$1,985,717	\$4,664,605	\$29,518,206	-
Grand Total	B1b - DS Fixed Charge	\$9,262,314	\$7,170,361	\$6,265,037	\$262,672	\$1,893,216	\$4,664,605	\$29,518,206	-
Grand Total	B2a - O&M and DS Fixed Charge	\$6,998,725	\$8,081,534	\$7,497,504	\$290,121	\$1,985,717	\$4,664,605	\$29,518,206	-
Grand Total	B2b - DS Fixed Charge	\$9,262,314	\$7,170,361	\$6,265,037	\$262,672	\$1,893,216	\$4,664,605	\$29,518,206	(0.0%)

Flow and Load Projections - 2015

Customer	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Equivalent Meters	Flows and Loads
City of Green Bay	4,881,467	6,642,534	6,620,576	186,889	1,368,799	38,630	39.1%
City of De Pere	1,623,995	12,145,904	2,757,467	42,987	345,749	13,280	19.8%
Village of Allouez	751,461	876,678	1,066,615	23,834	157,754	6,489	5.4%
Village of Ashwaubenon	1,468,518	2,774,598	3,180,873	92,535	370,743	8,295	15.1%
Village of Bellevue	626,217	908,561	956,019	24,948	165,343	4,768	5.2%
Village of Hobart	101,447	176,675	165,460	4,155	26,420	822	0.9%
Village of Howard	814,083	713,099	1,416,215	30,305	202,926	7,270	6.4%
Village of Luxemburg	114,807	25,627	30,448	3,580	13,325	918	0.5%
Village of Pulaski	187,865	57,749	65,945	8,129	39,466	1,502	1.1%
Village of Suamico	185,778	464,607	383,805	10,914	63,635	2,403	2.1%
Town of Ledgeview	210,000	361,429	437,037	10,200	77,848	2,244	2.1%
Town of Lawrence	75,996	149,508	185,751	4,228	32,788	634	0.9%
Pittsfield Sanitary District	13,432	21,683	27,101	679	4,339	107	0.1%
Scott Sanitary District #1	76,190	72,644	91,904	2,590	16,791	609	0.5%
Royal Scot Sanitary District	30,267	48,855	61,071	1,539	9,772	242	0.3%
Bayshore Sanitary District	18,004	29,062	36,326	916	5,815	144	0.2%
Dyckesville Sanitary District	26,719	43,127	53,911	1,361	8,626	214	0.3%
New Franken Sanitary District	16,438	26,531	33,173	836	5,309	131	0.2%
Hauled Waste	32,484	767,118	722,127	9,866	48,069	0	-
Procter & Gamble	1,500,150	525,000	1,400,000	3,500	30,000	0	-

Rates by Parameter

Municipal	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Fixed Charge
2015 Rate (Status Quo)	\$0.874	\$0.383	\$0.534	\$0.767	\$0.767	\$0.00
B1a - Fixed charge recovers O&M and debt service	\$0.604	\$0.342	\$0.456	\$0.697	\$0.727	\$64.00
B1b - Fixed charge recovers debt service only	\$0.810	\$0.306	\$0.388	\$0.636	\$0.691	\$64.00
B2a - Fixed charge recovers O&M and debt service	\$0.604	\$0.342	\$0.456	\$0.697	\$0.727	\$5,676.945
B2b - Fixed charge recovers debt service only	\$0.810	\$0.306	\$0.388	\$0.636	\$0.691	\$5,676.945

P&G	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Fixed Charge
2015 Rate (Status Quo)	\$0.570	\$0.209	\$0.207	\$0.468	\$0.587	\$0.00
B1a - Fixed charge recovers O&M and debt service	\$0.570	\$0.209	\$0.207	\$0.468	\$0.587	\$0.00
B1b - Fixed charge recovers debt service only	\$0.570	\$0.209	\$0.207	\$0.468	\$0.587	\$0.00
B2a - Fixed charge recovers O&M and debt service	\$0.570	\$0.209	\$0.207	\$0.468	\$0.587	\$0
B2b - Fixed charge recovers debt service only	\$0.570	\$0.209	\$0.207	\$0.468	\$0.587	\$0

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Customer	Alternative	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Fixed Charge	Total	Percent Change from SQ
City of Green Bay	2015 Rate (Status Quo)	\$4,264,265	\$2,542,243	\$3,532,638	\$143,364	\$1,050,423	\$0	\$11,532,933	
City of Green Bay	B1a - O&M and DS Fixed Charge	\$2,950,137	\$2,270,612	\$3,019,358	\$130,283	\$994,588	\$2,472,370	\$11,837,348	2.6%
City of Green Bay	B1b - DS Fixed Charge	\$3,953,997	\$2,033,089	\$2,570,529	\$118,845	\$945,765	\$2,472,370	\$12,094,594	4.9%
City of Green Bay	B2a - O&M and DS Fixed Charge	\$2,950,137	\$2,270,612	\$3,019,358	\$130,283	\$994,588	\$2,220,947	\$11,585,925	0.5%
City of Green Bay	B2b - DS Fixed Charge	\$3,953,997	\$2,033,089	\$2,570,529	\$118,845	\$945,765	\$2,220,947	\$11,843,171	2.7%
City of De Pere	2015 Rate (Status Quo)	\$1,418,661	\$4,648,504	\$1,471,342	\$32,976	\$265,330	\$0	\$7,836,812	
City of De Pere	B1a - O&M and DS Fixed Charge	\$981,469	\$4,151,825	\$1,257,561	\$29,967	\$251,226	\$849,925	\$7,521,974	(4.0%)
City of De Pere	B1b - DS Fixed Charge	\$1,315,439	\$3,717,513	\$1,070,624	\$27,336	\$238,894	\$849,925	\$7,219,731	(7.9%)
City of De Pere	B2a - O&M and DS Fixed Charge	\$981,469	\$4,151,825	\$1,257,561	\$29,967	\$251,226	\$1,125,423	\$7,797,472	(0.5%)
City of De Pere	B2b - DS Fixed Charge	\$1,315,439	\$3,717,513	\$1,070,624	\$27,336	\$238,894	\$1,125,423	\$7,495,229	(4.4%)
Village of Allouez	2015 Rate (Status Quo)	\$656,448	\$335,524	\$569,129	\$18,283	\$121,061	\$0	\$1,700,445	
Village of Allouez	B1a - O&M and DS Fixed Charge	\$454,149	\$299,674	\$486,437	\$16,615	\$114,626	\$415,282	\$1,786,783	5.1%
Village of Allouez	B1b - DS Fixed Charge	\$608,685	\$268,326	\$414,128	\$15,156	\$108,999	\$415,282	\$1,830,576	7.7%
Village of Allouez	B2a - O&M and DS Fixed Charge	\$454,149	\$299,674	\$486,437	\$16,615	\$114,626	\$305,413	\$1,676,913	(1.4%)
Village of Allouez	B2b - DS Fixed Charge	\$608,685	\$268,326	\$414,128	\$15,156	\$108,999	\$305,413	\$1,720,706	1.2%
Village of Ashwaubenon	2015 Rate (Status Quo)	\$1,282,842	\$1,061,899	\$1,697,265	\$70,984	\$284,510	\$0	\$4,397,500	
Village of Ashwaubenon	B1a - O&M and DS Fixed Charge	\$887,506	\$948,439	\$1,450,658	\$64,507	\$269,387	\$530,917	\$4,151,414	(5.6%)
Village of Ashwaubenon	B1b - DS Fixed Charge	\$1,189,502	\$849,225	\$1,235,017	\$58,844	\$256,163	\$530,917	\$4,119,668	(6.3%)
Village of Ashwaubenon	B2a - O&M and DS Fixed Charge	\$887,506	\$948,439	\$1,450,658	\$64,507	\$269,387	\$855,006	\$4,475,502	1.8%
Village of Ashwaubenon	B2b - DS Fixed Charge	\$1,189,502	\$849,225	\$1,235,017	\$58,844	\$256,163	\$855,006	\$4,443,757	1.1%
Village of Bellevue	2015 Rate (Status Quo)	\$547,040	\$347,726	\$510,117	\$19,137	\$126,885	\$0	\$1,550,905	
Village of Bellevue	B1a - O&M and DS Fixed Charge	\$378,457	\$310,573	\$435,999	\$17,391	\$120,141	\$305,143	\$1,567,704	1.1%
Village of Bellevue	B1b - DS Fixed Charge	\$507,237	\$278,084	\$371,187	\$15,864	\$114,243	\$305,143	\$1,591,759	2.6%
Village of Bellevue	B2a - O&M and DS Fixed Charge	\$378,457	\$310,573	\$435,999	\$17,391	\$120,141	\$292,775	\$1,555,335	0.3%
Village of Bellevue	B2b - DS Fixed Charge	\$507,237	\$278,084	\$371,187	\$15,864	\$114,243	\$292,775	\$1,579,391	1.8%
Village of Hobart	2015 Rate (Status Quo)	\$88,620	\$67,617	\$88,287	\$3,188	\$20,275	\$0	\$267,987	
Village of Hobart	B1a - O&M and DS Fixed Charge	\$61,310	\$60,393	\$75,459	\$2,897	\$19,197	\$52,585	\$271,840	1.4%
Village of Hobart	B1b - DS Fixed Charge	\$82,172	\$54,075	\$64,242	\$2,642	\$18,255	\$52,585	\$273,971	2.2%
Village of Hobart	B2a - O&M and DS Fixed Charge	\$61,310	\$60,393	\$75,459	\$2,897	\$19,197	\$49,569	\$268,824	0.3%
Village of Hobart	B2b - DS Fixed Charge	\$82,172	\$54,075	\$64,242	\$2,642	\$18,255	\$49,569	\$270,956	1.1%
Village of Howard	2015 Rate (Status Quo)	\$711,152	\$272,919	\$755,671	\$23,247	\$155,727	\$0	\$1,918,715	
Village of Howard	B1a - O&M and DS Fixed Charge	\$491,995	\$243,758	\$645,874	\$21,126	\$147,449	\$465,298	\$2,015,500	5.0%
Village of Howard	B1b - DS Fixed Charge	\$659,409	\$218,259	\$549,865	\$19,271	\$140,211	\$465,298	\$2,052,313	7.0%
Village of Howard	B2a - O&M and DS Fixed Charge	\$491,995	\$243,758	\$645,874	\$21,126	\$147,449	\$360,965	\$1,911,167	(0.4%)
Village of Howard	B2b - DS Fixed Charge	\$659,409	\$218,259	\$549,865	\$19,271	\$140,211	\$360,965	\$1,947,980	1.5%
Village of Luxemburg	2015 Rate (Status Quo)	\$100,291	\$9,808	\$16,247	\$2,746	\$10,226	\$0	\$139,318	
Village of Luxemburg	B1a - O&M and DS Fixed Charge	\$69,384	\$8,760	\$13,886	\$2,495	\$9,682	\$58,728	\$162,936	17.0%
Village of Luxemburg	B1b - DS Fixed Charge	\$92,994	\$7,844	\$11,822	\$2,276	\$9,207	\$58,728	\$182,870	31.3%
Village of Luxemburg	B2a - O&M and DS Fixed Charge	\$69,384	\$8,760	\$13,886	\$2,495	\$9,682	\$28,930	\$133,138	(4.4%)
Village of Luxemburg	B2b - DS Fixed Charge	\$92,994	\$7,844	\$11,822	\$2,276	\$9,207	\$28,930	\$153,073	9.9%

2015

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Customer	Alternative	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Fixed Charge	Total	Percent Change from SQ
Village of Pulaski	2015 Rate (Status Quo)	\$164,112	\$22,102	\$35,187	\$6,236	\$30,286	\$0	\$257,922	
Village of Pulaski	B1a - O&M and DS Fixed Charge	\$113,537	\$19,740	\$30,074	\$5,667	\$28,676	\$96,100	\$293,795	13.9%
Village of Pulaski	B1b - DS Fixed Charge	\$152,171	\$17,675	\$25,604	\$5,169	\$27,269	\$96,100	\$323,988	25.6%
Village of Pulaski	B2a - O&M and DS Fixed Charge	\$113,537	\$19,740	\$30,074	\$5,667	\$28,676	\$61,685	\$259,380	0.6%
Village of Pulaski	B2b - DS Fixed Charge	\$152,171	\$17,675	\$25,604	\$5,169	\$27,269	\$61,685	\$289,573	12.3%
Village of Suamico	2015 Rate (Status Quo)	\$162,289	\$177,815	\$204,793	\$8,372	\$48,834	\$0	\$602,103	
Village of Suamico	B1a - O&M and DS Fixed Charge	\$112,276	\$158,816	\$175,037	\$7,609	\$46,238	\$153,781	\$653,757	8.6%
Village of Suamico	B1b - DS Fixed Charge	\$150,481	\$142,203	\$149,018	\$6,941	\$43,968	\$153,781	\$646,391	7.4%
Village of Suamico	B2a - O&M and DS Fixed Charge	\$112,276	\$158,816	\$175,037	\$7,609	\$46,238	\$116,534	\$616,509	2.4%
Village of Suamico	B2b - DS Fixed Charge	\$150,481	\$142,203	\$149,018	\$6,941	\$43,968	\$116,534	\$609,144	1.2%
Town of Ledgewood	2015 Rate (Status Quo)	\$183,448	\$138,327	\$233,196	\$7,825	\$59,741	\$0	\$622,537	
Town of Ledgewood	B1a - O&M and DS Fixed Charge	\$126,914	\$123,547	\$199,314	\$7,111	\$56,565	\$143,631	\$657,082	5.5%
Town of Ledgewood	B1b - DS Fixed Charge	\$170,100	\$110,623	\$169,685	\$6,486	\$53,788	\$143,631	\$654,315	5.1%
Town of Ledgewood	B2a - O&M and DS Fixed Charge	\$126,914	\$123,547	\$199,314	\$7,111	\$56,565	\$121,573	\$635,024	2.0%
Town of Ledgewood	B2b - DS Fixed Charge	\$170,100	\$110,623	\$169,685	\$6,486	\$53,788	\$121,573	\$632,257	1.6%
Town of Lawrence	2015 Rate (Status Quo)	\$66,387	\$57,220	\$99,114	\$3,243	\$25,162	\$0	\$251,126	
Town of Lawrence	B1a - O&M and DS Fixed Charge	\$45,929	\$51,106	\$84,713	\$2,947	\$23,825	\$40,573	\$249,093	(0.8%)
Town of Lawrence	B1b - DS Fixed Charge	\$61,557	\$45,760	\$72,120	\$2,689	\$22,655	\$40,573	\$245,354	(2.3%)
Town of Lawrence	B2a - O&M and DS Fixed Charge	\$45,929	\$51,106	\$84,713	\$2,947	\$23,825	\$49,761	\$258,280	2.8%
Town of Lawrence	B2b - DS Fixed Charge	\$61,557	\$45,760	\$72,120	\$2,689	\$22,655	\$49,761	\$254,541	1.4%
Pittsfield Sanitary District	2015 Rate (Status Quo)	\$11,734	\$8,299	\$14,461	\$521	\$3,330	\$0	\$38,343	
Pittsfield Sanitary District	B1a - O&M and DS Fixed Charge	\$8,118	\$7,412	\$12,360	\$473	\$3,153	\$6,871	\$38,386	0.1%
Pittsfield Sanitary District	B1b - DS Fixed Charge	\$10,880	\$6,637	\$10,522	\$432	\$2,998	\$6,871	\$38,340	(0.0%)
Pittsfield Sanitary District	B2a - O&M and DS Fixed Charge	\$8,118	\$7,412	\$12,360	\$473	\$3,153	\$7,474	\$38,989	1.7%
Pittsfield Sanitary District	B2b - DS Fixed Charge	\$10,880	\$6,637	\$10,522	\$432	\$2,998	\$7,474	\$38,943	1.6%
Scott Sanitary District #1	2015 Rate (Status Quo)	\$66,557	\$27,802	\$49,039	\$1,987	\$12,885	\$0	\$158,270	
Scott Sanitary District #1	B1a - O&M and DS Fixed Charge	\$46,046	\$24,832	\$41,914	\$1,805	\$12,200	\$38,974	\$165,771	4.7%
Scott Sanitary District #1	B1b - DS Fixed Charge	\$61,714	\$22,234	\$35,683	\$1,647	\$11,601	\$38,974	\$171,853	8.6%
Scott Sanitary District #1	B2a - O&M and DS Fixed Charge	\$46,046	\$24,832	\$41,914	\$1,805	\$12,200	\$29,941	\$156,737	(1.0%)
Scott Sanitary District #1	B2b - DS Fixed Charge	\$61,714	\$22,234	\$35,683	\$1,647	\$11,601	\$29,941	\$162,820	2.9%
Royal Scot Sanitary District	2015 Rate (Status Quo)	\$26,440	\$18,698	\$32,587	\$1,181	\$7,499	\$0	\$86,404	
Royal Scot Sanitary District	B1a - O&M and DS Fixed Charge	\$18,292	\$16,700	\$27,852	\$1,073	\$7,100	\$15,483	\$86,500	0.1%
Royal Scot Sanitary District	B1b - DS Fixed Charge	\$24,516	\$14,953	\$23,712	\$979	\$6,752	\$15,483	\$86,395	(0.0%)
Royal Scot Sanitary District	B2a - O&M and DS Fixed Charge	\$18,292	\$16,700	\$27,852	\$1,073	\$7,100	\$16,865	\$87,882	1.7%
Royal Scot Sanitary District	B2b - DS Fixed Charge	\$24,516	\$14,953	\$23,712	\$979	\$6,752	\$16,865	\$87,776	1.6%

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Customer	Alternative	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Fixed Charge	Total	Percent Change from SQ
Bayshore Sanitary District	2015 Rate (Status Quo)	\$15,728	\$11,123	\$19,383	\$703	\$4,462	\$0	\$51,398	
Bayshore Sanitary District	B1a - O&M and DS Fixed Charge	\$10,934	\$9,934	\$16,567	\$639	\$4,225	\$9,210	\$51,455	0.1%
Bayshore Sanitary District	B1b - DS Fixed Charge	\$14,583	\$8,895	\$14,104	\$583	\$4,018	\$9,210	\$51,392	(0.0%)
Bayshore Sanitary District	B2a - O&M and DS Fixed Charge	\$10,934	\$9,934	\$16,567	\$639	\$4,225	\$10,034	\$52,279	1.7%
Bayshore Sanitary District	B2b - DS Fixed Charge	\$14,583	\$8,895	\$14,104	\$583	\$4,018	\$10,034	\$52,216	1.6%
Dyckesville Sanitary District	2015 Rate (Status Quo)	\$23,341	\$16,506	\$28,766	\$1,044	\$6,619	\$0	\$76,276	
Dyckesville Sanitary District	B1a - O&M and DS Fixed Charge	\$16,148	\$14,742	\$24,587	\$948	\$6,267	\$13,668	\$76,360	0.1%
Dyckesville Sanitary District	B1b - DS Fixed Charge	\$21,642	\$13,200	\$20,932	\$865	\$5,960	\$13,668	\$76,267	(0.0%)
Dyckesville Sanitary District	B2a - O&M and DS Fixed Charge	\$16,148	\$14,742	\$24,587	\$948	\$6,267	\$14,891	\$77,584	1.7%
Dyckesville Sanitary District	B2b - DS Fixed Charge	\$21,642	\$13,200	\$20,932	\$865	\$5,960	\$14,891	\$77,490	1.6%
New Franken Sanitary District	2015 Rate (Status Quo)	\$14,360	\$10,154	\$17,701	\$642	\$4,074	\$0	\$46,930	
New Franken Sanitary District	B1a - O&M and DS Fixed Charge	\$9,934	\$9,069	\$15,129	\$583	\$3,857	\$8,409	\$46,982	0.1%
New Franken Sanitary District	B1b - DS Fixed Charge	\$13,315	\$8,120	\$12,880	\$532	\$3,668	\$8,409	\$46,924	(0.0%)
New Franken Sanitary District	B2a - O&M and DS Fixed Charge	\$9,934	\$9,069	\$15,129	\$583	\$3,857	\$9,161	\$47,734	1.7%
New Franken Sanitary District	B2b - DS Fixed Charge	\$13,315	\$8,120	\$12,880	\$532	\$3,668	\$9,161	\$47,676	1.6%
Hauled Waste	2015 Rate (Status Quo)	\$28,377	\$293,593	\$385,316	\$7,568	\$36,888	\$0	\$751,743	
Hauled Waste	B1a - O&M and DS Fixed Charge	\$19,632	\$262,223	\$329,331	\$6,878	\$34,928	\$0	\$652,992	(13.1%)
Hauled Waste	B1b - DS Fixed Charge	\$26,312	\$234,793	\$280,376	\$6,274	\$33,213	\$0	\$580,968	(22.7%)
Hauled Waste	B2a - O&M and DS Fixed Charge	\$19,632	\$262,223	\$329,331	\$6,878	\$34,928	\$0	\$652,992	(13.1%)
Hauled Waste	B2b - DS Fixed Charge	\$26,312	\$234,793	\$280,376	\$6,274	\$33,213	\$0	\$580,968	(22.7%)
Total Municipal	2015 Rate (Status Quo)	\$9,832,090	\$10,067,879	\$9,760,238	\$353,244	\$2,274,216	\$0	\$32,287,668	
Total Municipal	B1a - O&M and DS Fixed Charge	\$6,802,112	\$8,992,157	\$8,342,108	\$321,014	\$2,153,332	\$5,676,945	\$32,287,668	-
Total Municipal	B1b - DS Fixed Charge	\$9,116,706	\$8,051,510	\$7,102,050	\$292,831	\$2,047,627	\$5,676,945	\$32,287,668	-
Total Municipal	B2a - O&M and DS Fixed Charge	\$6,802,112	\$8,992,157	\$8,342,108	\$321,014	\$2,153,332	\$5,676,945	\$32,287,668	-
Total Municipal	B2b - DS Fixed Charge	\$9,116,706	\$8,051,510	\$7,102,050	\$292,831	\$2,047,627	\$5,676,945	\$32,287,668	0.0%
Procter & Gamble	2015 Rate (Status Quo)	\$854,878	\$109,599	\$289,566	\$1,637	\$17,623	\$0	\$1,273,302	
Procter & Gamble	B1a - O&M and DS Fixed Charge	\$854,878	\$109,599	\$289,566	\$1,637	\$17,623	\$0	\$1,273,302	-
Procter & Gamble	B1b - DS Fixed Charge	\$854,878	\$109,599	\$289,566	\$1,637	\$17,623	\$0	\$1,273,302	-
Procter & Gamble	B2a - O&M and DS Fixed Charge	\$854,878	\$109,599	\$289,566	\$1,637	\$17,623	\$0	\$1,273,302	-
Procter & Gamble	B2b - DS Fixed Charge	\$854,878	\$109,599	\$289,566	\$1,637	\$17,623	\$0	\$1,273,302	-
Grand Total	2015 Rate (Status Quo)	\$10,686,968	\$10,177,478	\$10,049,804	\$354,881	\$2,291,839	\$0	\$33,560,970	
Grand Total	B1a - O&M and DS Fixed Charge	\$7,656,990	\$9,101,755	\$8,631,674	\$322,650	\$2,170,955	\$5,676,945	\$33,560,970	-
Grand Total	B1b - DS Fixed Charge	\$9,971,584	\$8,161,108	\$7,391,615	\$294,467	\$2,065,250	\$5,676,945	\$33,560,970	-
Grand Total	B2a - O&M and DS Fixed Charge	\$7,656,990	\$9,101,755	\$8,631,674	\$322,650	\$2,170,955	\$5,676,945	\$33,560,970	-
Grand Total	B2b - DS Fixed Charge	\$9,971,584	\$8,161,108	\$7,391,615	\$294,467	\$2,065,250	\$5,676,945	\$33,560,970	0.0%

Flow and Load Projections - 2016

Customer	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Equivalent Meters	Flows and Loads
City of Green Bay	4,881,467	6,659,000	6,647,491	187,494	1,372,236	38,630	39.1%
City of De Pere	1,623,995	12,156,433	2,766,269	43,182	347,134	13,280	19.8%
Village of Allouez	751,461	881,062	1,071,948	23,953	158,543	6,489	5.4%
Village of Ashwaubenon	1,468,518	2,786,781	3,196,177	92,978	372,535	8,295	15.1%
Village of Bellevue	626,217	913,104	960,799	25,072	166,170	4,768	5.2%
Village of Hobart	101,447	177,558	166,288	4,176	26,552	822	0.9%
Village of Howard	814,083	716,089	1,422,645	30,431	203,608	7,270	6.4%
Village of Luxemburg	114,807	25,756	30,600	3,597	13,392	918	0.5%
Village of Pulaski	187,865	58,038	66,274	8,169	39,663	1,502	1.1%
Village of Suamico	185,778	466,930	385,724	10,969	63,953	2,403	2.1%
Town of Ledgeview	210,000	363,237	439,222	10,251	78,237	2,244	2.1%
Town of Lawrence	75,996	150,255	186,679	4,249	32,952	634	0.9%
Pittsfield Sanitary District	13,432	21,792	27,236	682	4,361	107	0.1%
Scott Sanitary District #1	76,190	73,007	92,364	2,603	16,875	609	0.5%
Royal Scot Sanitary District	30,267	49,099	61,377	1,547	9,821	242	0.3%
Bayshore Sanitary District	18,004	29,208	36,507	921	5,844	144	0.2%
Dyckesville Sanitary District	26,719	43,343	54,181	1,367	8,669	214	0.3%
New Franken Sanitary District	16,438	26,664	33,339	840	5,335	131	0.2%
Hauled Waste	32,484	770,954	725,738	9,915	48,309	0	-
Procter & Gamble	1,500,150	525,000	1,400,000	3,500	30,000	0	-

Rates by Parameter

Municipal	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Fixed Charge
2016 Rate (Status Quo)	\$0.940	\$0.408	\$0.563	\$0.812	\$0.825	\$0.00
B1a - Fixed charge recovers O&M and debt service	\$0.655	\$0.365	\$0.484	\$0.739	\$0.777	\$67.42
B1b - Fixed charge recovers debt service only	\$0.865	\$0.328	\$0.416	\$0.676	\$0.737	\$67.42
B2a - Fixed charge recovers O&M and debt service	\$0.655	\$0.365	\$0.484	\$0.739	\$0.777	\$5,980.531
B2b - Fixed charge recovers debt service only	\$0.865	\$0.328	\$0.416	\$0.676	\$0.737	\$5,980.531

P&G	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Fixed Charge
2016 Rate (Status Quo)	\$0.593	\$0.217	\$0.215	\$0.485	\$0.607	\$0.00
B1a - Fixed charge recovers O&M and debt service	\$0.593	\$0.217	\$0.215	\$0.485	\$0.607	\$0.00
B1b - Fixed charge recovers debt service only	\$0.593	\$0.217	\$0.215	\$0.485	\$0.607	\$0.00
B2a - Fixed charge recovers O&M and debt service	\$0.593	\$0.217	\$0.215	\$0.485	\$0.607	\$0
B2b - Fixed charge recovers debt service only	\$0.593	\$0.217	\$0.215	\$0.485	\$0.607	\$0

DRAFT - NEW Water Rate Methodology for Cost of Service Allocation - Five Parameters and Projected Rates - 2016

Customer	Alternative	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Fixed Charge	Total	Percent Change from SQ
City of Green Bay	2016 Rate (Status Quo)	\$4,590,807	\$2,714,994	\$3,742,489	\$152,190	\$1,132,040	\$0	\$12,332,520	
City of Green Bay	B1a - O&M and DS Fixed Charge	\$3,196,109	\$2,428,172	\$3,216,423	\$138,476	\$1,066,810	\$2,604,584	\$12,650,574	2.6%
City of Green Bay	B1b - DS Fixed Charge	\$4,220,702	\$2,183,094	\$2,766,921	\$126,758	\$1,011,074	\$2,604,584	\$12,913,132	4.7%
City of Green Bay	B2a - O&M and DS Fixed Charge	\$3,196,109	\$2,428,172	\$3,216,423	\$138,476	\$1,066,810	\$2,338,635	\$12,384,625	0.4%
City of Green Bay	B2b - DS Fixed Charge	\$4,220,702	\$2,183,094	\$2,766,921	\$126,758	\$1,011,074	\$2,338,635	\$12,647,183	2.6%
City of De Pere	2016 Rate (Status Quo)	\$1,527,296	\$4,956,396	\$1,557,389	\$35,051	\$286,372	\$0	\$8,362,504	
	B1a - O&M and DS Fixed Charge	\$1,063,300	\$4,432,783	\$1,338,473	\$31,893	\$269,871	\$895,377	\$8,031,697	(4.0%)
	B1b - DS Fixed Charge	\$1,404,168	\$3,985,378	\$1,151,419	\$29,194	\$255,771	\$895,377	\$7,721,306	(7.7%)
	B2a - O&M and DS Fixed Charge	\$1,063,300	\$4,432,783	\$1,338,473	\$31,893	\$269,871	\$1,184,701	\$8,321,021	(0.5%)
	B2b - DS Fixed Charge	\$1,404,168	\$3,985,378	\$1,151,419	\$29,194	\$255,771	\$1,184,701	\$8,010,630	(4.2%)
Village of Allouez	2016 Rate (Status Quo)	\$706,716	\$359,225	\$603,499	\$19,443	\$130,791	\$0	\$1,819,674	
	B1a - O&M and DS Fixed Charge	\$492,014	\$321,275	\$518,667	\$17,691	\$123,255	\$437,490	\$1,910,392	5.0%
	B1b - DS Fixed Charge	\$649,742	\$288,848	\$446,183	\$16,194	\$116,815	\$437,490	\$1,955,271	7.5%
	B2a - O&M and DS Fixed Charge	\$492,014	\$321,275	\$518,667	\$17,691	\$123,255	\$322,054	\$1,794,956	(1.4%)
Village of Allouez	B2b - DS Fixed Charge	\$649,742	\$288,848	\$446,183	\$16,194	\$116,815	\$322,054	\$1,839,835	1.1%
Village of Ashwaubenon	2016 Rate (Status Quo)	\$1,381,077	\$1,136,221	\$1,799,424	\$75,471	\$307,327	\$0	\$4,699,520	
	B1a - O&M and DS Fixed Charge	\$961,503	\$1,016,186	\$1,546,487	\$68,671	\$289,618	\$559,309	\$4,441,773	(5.5%)
	B1b - DS Fixed Charge	\$1,269,736	\$913,621	\$1,330,362	\$62,859	\$274,487	\$559,309	\$4,410,374	(6.2%)
	B2a - O&M and DS Fixed Charge	\$961,503	\$1,016,186	\$1,546,487	\$68,671	\$289,618	\$901,467	\$4,783,931	1.8%
Village of Ashwaubenon	B2b - DS Fixed Charge	\$1,269,736	\$913,621	\$1,330,362	\$62,859	\$274,487	\$901,467	\$4,752,533	1.1%
Village of Bellevue	2016 Rate (Status Quo)	\$588,930	\$372,289	\$540,923	\$20,351	\$137,083	\$0	\$1,659,576	
	B1a - O&M and DS Fixed Charge	\$410,012	\$332,959	\$464,888	\$18,518	\$129,184	\$321,461	\$1,677,021	1.1%
	B1b - DS Fixed Charge	\$541,451	\$299,353	\$399,919	\$16,951	\$122,435	\$321,461	\$1,701,569	2.5%
	B2a - O&M and DS Fixed Charge	\$410,012	\$332,959	\$464,888	\$18,518	\$129,184	\$308,746	\$1,664,306	0.3%
Village of Bellevue	B2b - DS Fixed Charge	\$541,451	\$299,353	\$399,919	\$16,951	\$122,435	\$308,746	\$1,688,854	1.8%
Village of Hobart	2016 Rate (Status Quo)	\$95,406	\$72,394	\$93,619	\$3,390	\$21,905	\$0	\$286,713	
	B1a - O&M and DS Fixed Charge	\$66,422	\$64,746	\$80,459	\$3,084	\$20,642	\$55,397	\$290,750	1.4%
	B1b - DS Fixed Charge	\$87,715	\$58,211	\$69,215	\$2,823	\$19,564	\$55,397	\$292,924	2.2%
	B2a - O&M and DS Fixed Charge	\$66,422	\$64,746	\$80,459	\$3,084	\$20,642	\$52,275	\$287,628	0.3%
Village of Hobart	B2b - DS Fixed Charge	\$87,715	\$58,211	\$69,215	\$2,823	\$19,564	\$52,275	\$289,802	1.1%
Village of Howard	2016 Rate (Status Quo)	\$765,610	\$291,962	\$800,939	\$24,701	\$167,968	\$0	\$2,051,181	
	B1a - O&M and DS Fixed Charge	\$533,016	\$261,118	\$688,354	\$22,476	\$158,290	\$490,180	\$2,153,434	5.0%
	B1b - DS Fixed Charge	\$703,887	\$234,763	\$592,155	\$20,574	\$150,020	\$490,180	\$2,191,579	6.8%
	B2a - O&M and DS Fixed Charge	\$533,016	\$261,118	\$688,354	\$22,476	\$158,290	\$380,341	\$2,043,594	(0.4%)
Village of Howard	B2b - DS Fixed Charge	\$703,887	\$234,763	\$592,155	\$20,574	\$150,020	\$380,341	\$2,081,740	1.5%
Village of Luxemburg	2016 Rate (Status Quo)	\$107,971	\$10,501	\$17,228	\$2,920	\$11,048	\$0	\$149,668	
	B1a - O&M and DS Fixed Charge	\$75,169	\$9,392	\$14,806	\$2,657	\$10,411	\$61,868	\$174,303	16.5%
	B1b - DS Fixed Charge	\$99,266	\$8,444	\$12,737	\$2,432	\$9,867	\$61,868	\$194,615	30.0%
	B2a - O&M and DS Fixed Charge	\$75,169	\$9,392	\$14,806	\$2,657	\$10,411	\$30,498	\$142,933	(4.5%)
Village of Luxemburg	B2b - DS Fixed Charge	\$99,266	\$8,444	\$12,737	\$2,432	\$9,867	\$30,498	\$163,245	9.1%

2016

DRAFT - NEW Water Rate Methodology for Cost of Service Allocation - Five Parameters and Projected Rates - 2016

Customer	Alternative	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Fixed Charge	Total	Percent Change from SQ
Village of Pulaski	2016 Rate (Status Quo)	\$176,679	\$23,663	\$37,312	\$6,631	\$32,720	\$0	\$277,005	
Village of Pulaski	B1a - O&M and DS Fixed Charge	\$123,003	\$21,163	\$32,067	\$6,034	\$30,835	\$101,239	\$314,341	13.5%
Village of Pulaski	B1b - DS Fixed Charge	\$162,435	\$19,027	\$27,586	\$5,523	\$29,224	\$101,239	\$345,034	24.6%
Village of Pulaski	B2a - O&M and DS Fixed Charge	\$123,003	\$21,163	\$32,067	\$6,034	\$30,835	\$65,036	\$278,139	0.4%
Village of Pulaski	B2b - DS Fixed Charge	\$162,435	\$19,027	\$27,586	\$5,523	\$29,224	\$65,036	\$308,832	11.5%
Village of Suamico	2016 Rate (Status Quo)	\$174,716	\$190,376	\$217,160	\$8,904	\$52,758	\$0	\$643,914	
Village of Suamico	B1a - O&M and DS Fixed Charge	\$121,637	\$170,264	\$186,635	\$8,101	\$49,718	\$162,005	\$698,360	8.5%
Village of Suamico	B1b - DS Fixed Charge	\$160,631	\$153,079	\$160,552	\$7,416	\$47,121	\$162,005	\$690,803	7.3%
Village of Suamico	B2a - O&M and DS Fixed Charge	\$121,637	\$170,264	\$186,635	\$8,101	\$49,718	\$122,905	\$659,261	2.4%
Village of Suamico	B2b - DS Fixed Charge	\$160,631	\$153,079	\$160,552	\$7,416	\$47,121	\$122,905	\$651,704	1.2%
Town of Ledgewood	2016 Rate (Status Quo)	\$197,496	\$148,098	\$247,279	\$8,321	\$64,542	\$0	\$665,736	
Town of Ledgewood	B1a - O&M and DS Fixed Charge	\$137,496	\$132,452	\$212,520	\$7,571	\$60,823	\$151,312	\$702,174	5.5%
Town of Ledgewood	B1b - DS Fixed Charge	\$181,574	\$119,084	\$182,820	\$6,931	\$57,846	\$151,312	\$699,365	5.1%
Town of Ledgewood	B2a - O&M and DS Fixed Charge	\$137,496	\$132,452	\$212,520	\$7,571	\$60,823	\$128,210	\$679,073	2.0%
Town of Ledgewood	B2b - DS Fixed Charge	\$181,574	\$119,084	\$182,820	\$6,931	\$57,846	\$128,210	\$676,264	1.6%
Town of Lawrence	2016 Rate (Status Quo)	\$71,471	\$61,262	\$105,099	\$3,449	\$27,184	\$0	\$268,465	
Town of Lawrence	B1a - O&M and DS Fixed Charge	\$49,758	\$54,790	\$90,326	\$3,138	\$25,618	\$42,743	\$266,373	(0.8%)
Town of Lawrence	B1b - DS Fixed Charge	\$65,709	\$49,260	\$77,703	\$2,873	\$24,280	\$42,743	\$262,567	(2.2%)
Town of Lawrence	B2a - O&M and DS Fixed Charge	\$49,758	\$54,790	\$90,326	\$3,138	\$25,618	\$52,478	\$276,108	2.8%
Town of Lawrence	B2b - DS Fixed Charge	\$65,709	\$49,260	\$77,703	\$2,873	\$24,280	\$52,478	\$272,302	1.4%
Pittsfield Sanitary District	2016 Rate (Status Quo)	\$12,632	\$8,885	\$15,334	\$554	\$3,597	\$0	\$41,002	
Pittsfield Sanitary District	B1a - O&M and DS Fixed Charge	\$8,795	\$7,946	\$13,179	\$504	\$3,390	\$7,239	\$41,052	0.1%
Pittsfield Sanitary District	B1b - DS Fixed Charge	\$11,614	\$7,144	\$11,337	\$461	\$3,213	\$7,239	\$41,008	0.0%
Pittsfield Sanitary District	B2a - O&M and DS Fixed Charge	\$8,795	\$7,946	\$13,179	\$504	\$3,390	\$7,882	\$41,695	1.7%
Pittsfield Sanitary District	B2b - DS Fixed Charge	\$11,614	\$7,144	\$11,337	\$461	\$3,213	\$7,882	\$41,651	1.6%
Scott Sanitary District #1	2016 Rate (Status Quo)	\$71,653	\$29,766	\$52,000	\$2,113	\$13,921	\$0	\$169,453	
Scott Sanitary District #1	B1a - O&M and DS Fixed Charge	\$49,885	\$26,622	\$44,691	\$1,922	\$13,119	\$41,058	\$177,296	4.6%
Scott Sanitary District #1	B1b - DS Fixed Charge	\$65,877	\$23,935	\$38,445	\$1,760	\$12,433	\$41,058	\$183,507	8.3%
Scott Sanitary District #1	B2a - O&M and DS Fixed Charge	\$49,885	\$26,622	\$44,691	\$1,922	\$13,119	\$31,571	\$167,809	(1.0%)
Scott Sanitary District #1	B2b - DS Fixed Charge	\$65,877	\$23,935	\$38,445	\$1,760	\$12,433	\$31,571	\$174,021	2.7%
Royal Scot Sanitary District	2016 Rate (Status Quo)	\$28,465	\$20,019	\$34,555	\$1,256	\$8,102	\$0	\$92,395	
Royal Scot Sanitary District	B1a - O&M and DS Fixed Charge	\$19,817	\$17,904	\$29,697	\$1,143	\$7,635	\$16,311	\$92,506	0.1%
Royal Scot Sanitary District	B1b - DS Fixed Charge	\$26,170	\$16,097	\$25,547	\$1,046	\$7,236	\$16,311	\$92,406	0.0%
Royal Scot Sanitary District	B2a - O&M and DS Fixed Charge	\$19,817	\$17,904	\$29,697	\$1,143	\$7,635	\$17,785	\$93,981	1.7%
Royal Scot Sanitary District	B2b - DS Fixed Charge	\$26,170	\$16,097	\$25,547	\$1,046	\$7,236	\$17,785	\$93,880	1.6%

DRAFT - NEW Water Rate Methodology for Cost of Service Allocation - Five Parameters and Projected Rates - 2016

Customer	Alternative	Volume (1,000 gal)	BOD (lbs)	SS (lbs)	Phos (lbs)	TKN (lbs)	Fixed Charge	Total	Percent Change from SQ
Bayshore Sanitary District	2016 Rate (Status Quo)	\$16,932	\$11,309	\$20,553	\$747	\$4,821	\$0	\$54,962	
Bayshore Sanitary District	B1a - O&M and DS Fixed Charge	\$17,788	\$10,650	\$17,664	\$680	\$4,543	\$9,702	\$55,028	0.1%
Bayshore Sanitary District	B1b - DS Fixed Charge	\$15,567	\$9,576	\$15,196	\$622	\$4,306	\$9,702	\$54,968	0.0%
Bayshore Sanitary District	B2a - O&M and DS Fixed Charge	\$11,788	\$10,650	\$17,664	\$680	\$4,543	\$10,581	\$55,907	1.7%
Bayshore Sanitary District	B2b - DS Fixed Charge	\$15,567	\$9,576	\$15,196	\$622	\$4,306	\$10,581	\$55,847	1.6%
Dyckesville Sanitary District	2016 Rate (Status Quo)	\$25,128	\$17,672	\$30,503	\$1,110	\$7,151	\$0	\$81,564	
Dyckesville Sanitary District	B1a - O&M and DS Fixed Charge	\$17,494	\$15,805	\$26,216	\$1,010	\$6,739	\$14,398	\$81,662	0.1%
Dyckesville Sanitary District	B1b - DS Fixed Charge	\$23,102	\$14,210	\$22,552	\$924	\$6,387	\$14,398	\$81,574	0.0%
Dyckesville Sanitary District	B2a - O&M and DS Fixed Charge	\$17,494	\$15,805	\$26,216	\$1,010	\$6,739	\$15,704	\$82,967	1.7%
Dyckesville Sanitary District	B2b - DS Fixed Charge	\$23,102	\$14,210	\$22,552	\$924	\$6,387	\$15,704	\$82,879	1.6%
New Franken Sanitary District	2016 Rate (Status Quo)	\$15,459	\$10,871	\$18,770	\$682	\$4,401	\$0	\$50,184	
New Franken Sanitary District	B1a - O&M and DS Fixed Charge	\$10,763	\$9,723	\$16,131	\$621	\$4,148	\$8,858	\$50,244	0.1%
New Franken Sanitary District	B1b - DS Fixed Charge	\$14,213	\$8,742	\$13,877	\$568	\$3,931	\$8,858	\$50,189	0.0%
New Franken Sanitary District	B2a - O&M and DS Fixed Charge	\$10,763	\$9,723	\$16,131	\$621	\$4,148	\$9,661	\$51,046	1.7%
New Franken Sanitary District	B2b - DS Fixed Charge	\$14,213	\$8,742	\$13,877	\$568	\$3,931	\$9,661	\$50,991	1.6%
Hauled Waste	2016 Rate (Status Quo)	\$30,550	\$314,332	\$408,585	\$8,048	\$39,853	\$0	\$801,368	
Hauled Waste	B1a - O&M and DS Fixed Charge	\$21,269	\$281,124	\$351,152	\$7,323	\$37,557	\$0	\$698,425	(12.8%)
Hauled Waste	B1b - DS Fixed Charge	\$28,087	\$252,750	\$302,078	\$6,703	\$35,595	\$0	\$625,213	(22.0%)
Hauled Waste	B2a - O&M and DS Fixed Charge	\$21,269	\$281,124	\$351,152	\$7,323	\$37,557	\$0	\$698,425	(12.8%)
Hauled Waste	B2b - DS Fixed Charge	\$28,087	\$252,750	\$302,078	\$6,703	\$35,595	\$0	\$625,213	(22.0%)
Total Municipal	2016 Rate (Status Quo)	\$10,584,994	\$10,750,833	\$10,342,660	\$375,333	\$2,453,586	\$0	\$34,507,406	
Total Municipal	B1a - O&M and DS Fixed Charge	\$7,369,250	\$9,615,074	\$8,888,835	\$341,511	\$2,312,207	\$5,980,531	\$34,507,406	-
Total Municipal	B1b - DS Fixed Charge	\$9,731,646	\$8,644,614	\$7,646,800	\$312,612	\$2,191,404	\$5,980,531	\$34,507,406	-
Total Municipal	B2a - O&M and DS Fixed Charge	\$7,369,250	\$9,615,074	\$8,888,835	\$341,511	\$2,312,207	\$5,980,531	\$34,507,406	-
Total Municipal	B2b - DS Fixed Charge	\$9,731,646	\$8,644,614	\$7,646,800	\$312,612	\$2,191,404	\$5,980,531	\$34,507,406	-
Procter & Gamble	2016 Rate (Status Quo)	\$890,196	\$113,696	\$300,845	\$1,698	\$18,223	\$0	\$1,324,659	
Procter & Gamble	B1a - O&M and DS Fixed Charge	\$890,196	\$113,696	\$300,845	\$1,698	\$18,223	\$0	\$1,324,659	-
Procter & Gamble	B1b - DS Fixed Charge	\$890,196	\$113,696	\$300,845	\$1,698	\$18,223	\$0	\$1,324,659	-
Procter & Gamble	B2a - O&M and DS Fixed Charge	\$890,196	\$113,696	\$300,845	\$1,698	\$18,223	\$0	\$1,324,659	-
Procter & Gamble	B2b - DS Fixed Charge	\$890,196	\$113,696	\$300,845	\$1,698	\$18,223	\$0	\$1,324,659	-
Grand Total	2016 Rate (Status Quo)	\$11,475,190	\$10,864,529	\$10,643,506	\$377,031	\$2,471,809	\$0	\$35,832,065	
Grand Total	B1a - O&M and DS Fixed Charge	\$8,259,446	\$9,728,770	\$9,189,680	\$343,209	\$2,330,430	\$5,980,531	\$35,832,065	-
Grand Total	B1b - DS Fixed Charge	\$10,621,842	\$8,758,310	\$7,947,446	\$314,310	\$2,209,627	\$5,980,531	\$35,832,065	-
Grand Total	B2a - O&M and DS Fixed Charge	\$8,259,446	\$9,728,770	\$9,189,680	\$343,209	\$2,330,430	\$5,980,531	\$35,832,065	-
Grand Total	B2b - DS Fixed Charge	\$10,621,842	\$8,758,310	\$7,947,446	\$314,310	\$2,209,627	\$5,980,531	\$35,832,065	-

City of De Pere

Public Works Department

Memo

To: Honorable Mayor Walsh
Members of the Board of Public Works

From: Karen Heyrman, P.E., Assistant City Engineer *Km 4*

Date: April 3, 2013

Subject: Consider Award of Project 13-02 – Concrete Street Rehabilitation – Lost Dauphin Road

The Engineering Department received bids on Project 13-02 – Concrete Street Rehabilitation – Lost Dauphin Road on April 2nd. The project consists of sewer relay, water main relay, concrete joint repair, concrete panel replacement, diamond grinding, and joint sealing. An alternate bid was requested for a diamond grinding process (OTCS) that produces a more consistent texture than the traditional process. The bids received were as follows:

Bidder	Base Bid Amount	Alternate Bid Amount
Vinton Construction Company	\$431,235.00	\$458,035.00
Sommers Construction Company, Inc.	\$459,993.50	\$487,466.00
David Tenor Corporation	\$470,179.15	\$497,644.15
Feaker & Sons Co., Inc.	\$477,928.25	\$505,532.25
Cornerstone Pavers, LLC	\$534,866.70	\$561,666.70
LaLonde Contractors, Inc.	Incomplete Bid	Incomplete Bid

The estimate for this project is \$420,000. Sufficient funding is available from the capital improvement budget in the general obligation debt, sewage revenue fund, water utility fund, and storm water utility fund. The staff recommendation is to award the base bid to Vinton Construction Company in the amount of \$431,235.00.

The last bidder did not enter the bid prices on the bid form and did not provide unit prices for some bid items so the resulting total bid could not be verified.

The alternate bid is not recommended because of the additional cost. Staff believes the traditional continuous diamond grinding process will result in a more coarse texture initially and potentially some complaints. The texture of both processes appears similar after the first few years as snow plows remove the ridges left in the continuous diamond grinding process. Attached are images of the result of each process.

PROJECT 13-02 Concrete Street Rehabilitation - Lost Dauphin Rd.

BID TAB

ITEM	DESCRIPTION	UNIT	QTY	BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3		BIDDER NO. 4		BIDDER NO. 5		BIDDER NO. 6	
				UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
SANITARY SEWER															
SS-01	Remove and Relay 8" PVC Sanitary Sewer	LF	900	\$1.00	\$45,900.00	69.00	\$62,100.00	60.00	\$54,000.00	60.75	\$54,675.00	72.50	\$65,250.00		\$0.00
SS-02	Remove and Relay 6" or 4" PVC Sanitary Lateral	LF	370	49.90	\$18,463.00	64.00	\$23,680.00	70.00	\$25,900.00	64.75	\$23,957.50	67.60	\$25,012.00		\$0.00
SS-03	Provide Wye on Relayed Sanitary Sewer Pipe (6" or 4")	EACH	7	62.00	\$434.00	150.00	\$1,050.00	125.00	\$875.00	125.00	\$875.00	160.00	\$1,120.00		\$0.00
SS-04	Provide Wye on Existing Sanitary Sewer pipe (6" or 4")	EACH	11	62.00	\$682.00	\$87.00	\$6,457.00	600.00	\$6,600.00	\$50.00	\$6,050.00	620.00	\$6,820.00		\$0.00
SS-05	Provide 4" Diameter Sanitary Manhole	VF	22	295.00	\$6,490.00	275.00	\$6,050.00	285.00	\$6,270.00	290.00	\$6,380.00	290.00	\$6,380.00		\$0.00
SS-06	Core Drill Sanitary Manhole	EACH	2	1,160.00	\$2,320.00	777.00	\$1,554.00	500.00	\$1,000.00	1,000.00	\$2,000.00	825.00	\$1,650.00		\$0.00
SS-07	Abandon Existing Sanitary Manhole	EACH	2	305.00	\$610.00	500.00	\$1,000.00	500.00	\$1,000.00	450.00	\$900.00	530.00	\$1,060.00		\$0.00
SS-08	Abandon Sanitary Sewer Pipe	LS	1	4,575.00	\$4,575.00	3,000.00	\$3,000.00	2,300.00	\$2,300.00	1,750.00	\$1,750.00	380.00	\$380.00		\$0.00
STORM SEWER															
ST-01	Remove and Replace 12" PVC or RCP (Class III) Storm Sewer	LF	90	\$8.50	\$5,265.00	\$1.00	\$4,590.00	55.00	\$4,950.00	100.00	\$9,000.00	54.00	\$4,860.00		\$0.00
ST-02	Remove and Replace Type B Inlet	EACH	2	1,470.00	\$2,940.00	1,575.00	\$3,150.00	1,700.00	\$3,400.00	1,700.00	\$3,400.00	1,670.00	\$3,340.00		\$0.00
WATER MAIN															
W-01	Provide 8" PVC Water Main	LF	240	\$7.50	\$13,800.00	75.00	\$18,000.00	78.00	\$18,720.00	75.75	\$18,180.00	79.25	\$19,020.00		\$0.00
W-02	Provide 8" Ductile Iron Water Main	LF	50	80.75	\$4,037.50	70.00	\$3,500.00	78.00	\$3,900.00	97.75	\$4,887.50	73.30	\$3,665.00		\$0.00
W-03	Provide 12" PVC Water Main	LF	90	85.00	\$7,650.00	68.00	\$6,120.00	95.00	\$8,550.00	126.75	\$11,407.50	72.00	\$6,480.00		\$0.00
W-04	Provide 8" Valve	EACH	2	1,303.00	\$2,606.00	1,375.00	\$2,750.00	1,300.00	\$2,600.00	1,275.00	\$2,550.00	1,455.00	\$2,910.00		\$0.00
W-05	Provide Connection to Existing Water Main	EACH	2	2,882.00	\$5,764.00	2,000.00	\$4,000.00	1,000.00	\$2,000.00	1,675.00	\$3,350.00	2,120.00	\$4,240.00		\$0.00
W-06	Provide 1" HDPE Water Service	LF	80	\$6.40	\$4,512.00	44.00	\$3,520.00	59.00	\$4,720.00	62.75	\$5,020.00	46.75	\$3,740.00		\$0.00
W-07	Provide 1" Corporation and Curb Stop	EACH	2	532.00	\$1,064.00	300.00	\$600.00	300.00	\$600.00	350.00	\$700.00	320.00	\$640.00		\$0.00
W-08	Abandon/Remove Water Main and Appurtenances	LS	1	1,950.00	\$1,950.00	2,500.00	\$2,500.00	1,200.00	\$1,200.00	1,565.00	\$1,565.00	2,650.00	\$2,650.00		\$0.00
STREET AND DRAINAGE															
SD-01	Cross Stitching Longitudinal Joints and Cracks - 3/4" bars	EACH	330	10.00	\$3,300.00	19.00	\$6,270.00	20.60	\$6,798.00	20.60	\$6,798.00	28.00	\$9,240.00		\$0.00
SD-02	Diamond Grinding Roadway (CDG)	SY	13,550	4.00	\$54,200.00	4.05	\$54,877.50	4.20	\$56,910.00	4.12	\$55,826.00	4.00	\$54,200.00		\$0.00
SD-03	Diamond Grinding Curb Pan	LF	5,930	3.25	\$19,272.50	3.30	\$19,569.00	3.42	\$20,280.60	3.35	\$19,865.50	3.25	\$19,272.50		\$0.00
SD-04	Concrete Pavement Partial Depth Repair - Joint Repair	LF	1,220	15.25	\$18,605.00	16.95	\$20,679.00	17.51	\$21,362.20	17.50	\$21,350.00	22.34	\$27,254.80		\$0.00
SD-05	Concrete Pavement Partial Depth Repair - Crack Repair	LF	340	15.25	\$5,185.00	16.95	\$5,763.00	17.51	\$5,953.40	17.50	\$5,950.00	22.34	\$7,595.60		\$0.00
SD-06	Concrete Pavement Partial Depth Repair- Surface Repair	SF	100	15.25	\$1,525.00	16.95	\$1,695.00	17.51	\$1,751.00	17.50	\$1,750.00	22.34	\$2,234.00		\$0.00
SD-07	Concrete pavement Partial Depth Repair - full depth Adjustment	SF	75	40.00	\$3,000.00	35.00	\$2,625.00	36.05	\$2,703.75	35.05	\$2,628.75	40.00	\$3,000.00		\$0.00
SD-08	Remove and Replace 8-inch Dowelled Concrete Pavement with Integral Curb	SY	300	71.00	\$21,300.00	50.00	\$15,000.00	\$2.53	\$15,759.00	\$2.50	\$15,750.00	79.06	\$23,718.00		\$0.00
SD-09	Remove and Replace 8-inch Dowelled Concrete Pavement	SY	620	65.00	\$40,300.00	50.00	\$31,000.00	\$2.53	\$32,568.60	\$2.50	\$32,550.00	76.72	\$47,566.40		\$0.00
SD-10	Remove and Replace Concrete Drive - 6" Depth	SY	50	45.00	\$2,250.00	36.00	\$1,800.00	41.20	\$2,060.00	41.20	\$2,060.00	46.00	\$2,300.00		\$0.00
SD-11	Clean and Seal Concrete Pavement Joints	LF	17,000	1.30	\$22,100.00	1.85	\$31,450.00	2.73	\$46,410.00	2.97	\$50,490.00	1.80	\$30,600.00		\$0.00
SD-12	Remove and Replace 8-inch Dowelled Concrete Pavement - large patch within limits of diamond grinding	SY	980	46.30	\$45,374.00	47.00	\$46,060.00	\$2.53	\$51,479.40	\$2.50	\$51,450.00	69.51	\$68,119.80		\$0.00
SD-13	Remove and Replace 8-inch Dowelled Concrete Pavement outside limits of diamond grinding - finished surfaced	SY	470	46.30	\$21,761.00	50.00	\$23,500.00	\$3.56	\$25,173.20	\$3.50	\$25,145.00	71.14	\$33,435.80		\$0.00
SD-14	Remove and Replace Concrete Sidewalk 4"	SY	125	36.00	\$4,500.00	36.00	\$4,500.00	37.08	\$4,635.00	37.10	\$4,637.50	45.00	\$5,625.00		\$0.00

ITEM		BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3		BIDDER NO. 4		BIDDER NO. 5		BIDDER NO. 6		
		Vinton Construction Company		Sommers Construction Company, Inc.		David Tenor Corporation		Feaker & Sons Co. Inc.		Cornerstone Pavers, LLC		LaLonde Contractors, Inc.		
DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
SPECIAL CONSTRUCTION														
SC-01	Adjust inlets	EACH	13	250.00	\$3,250.00	300.00	\$3,900.00	400.00	\$5,200.00	350.00	\$4,550.00	318.60	\$4,141.80	\$0.00
SC-02	Reconstruct Inlets	VF	4	300.00	\$1,200.00	375.00	\$1,500.00	750.00	\$3,000.00	450.00	\$1,800.00	398.00	\$1,592.00	\$0.00
SC-03	Adjust Manholes	EACH	14	350.00	\$4,900.00	300.00	\$4,200.00	350.00	\$4,900.00	300.00	\$4,200.00	320.00	\$4,480.00	\$0.00
SC-04	Reconstruct Manholes	VF	12	400.00	\$4,800.00	327.00	\$3,924.00	400.00	\$4,800.00	450.00	\$5,400.00	345.00	\$4,140.00	\$0.00
SC-05	Inlet Protection Erosion Control	EACH	27	50.00	\$1,350.00	40.00	\$1,080.00	50.00	\$1,350.00	40.00	\$1,080.00	42.00	\$1,134.00	\$0.00
SC-06	Traffic Control	LS	1	24,000.00	\$24,000.00	26,980.00	\$26,980.00	8,500.00	\$8,500.00	8,000.00	\$8,000.00	26,000.00	\$26,000.00	\$0.00
			TOTAL BID		\$431,235.00		\$470,179.15		\$477,938.25		\$534,866.70 * Incomplete Bid			
ALTERNATE BID														
SD-02-A	Diamond Grinding Roadway (OTCS)	SY	13,500	6.00	\$81,000.00	6.10	\$82,350.00	6.25	\$84,375.00	6.18	\$83,430.00	6.00	\$81,000.00 * Incomplete Bid	
			Subtract the Amount Bid for Item SD-02 from the Total Base Bid Amount Above		\$377,035.00		\$413,269.15		\$422,102.25		\$480,666.70			
			TOTAL ALTERNATE BID AMOUNT		\$458,035.00		\$497,644.15		\$505,532.25		\$561,666.70		\$0.00	

OTCS (Optimized Texture for City Streets)



Continuous Diamond Grinding



City of De Pere

Public Works Department

Memo

To: Honorable Mayor Walsh
Members of the Board of Public Works
From: Eric Rakers, P.E., City Engineer *EPK*
Date: April 4, 2013
Subject: Consider Award of Project 13-03 – Pipe Lining-CIPP

The Engineering Department received bids on Project 13-03 – Pipe Lining-CIPP on March 28th. The project consists of pipe lining of deteriorated sewers at locations around the City. The bids received were as follows:

Bidder	Amount
Insituform Technologies USA, Inc.	\$279,394.00
Visu-Sewer, Inc.	\$289,580.00
Michels Corporation	\$298,930.00
SAK Construction, LLC	\$314,345.00

There was an irregularity in the low bid in that an addendum was issued and acknowledged by Insituform on the Bid Form that they did receive it, but the actual signed addendum was not included with the bid. The staff recommendation is to waive the irregularity of not including the signed addendum and to accept the bid from Insituform Technologies USA, Inc. in the amount of \$279,394.00. Funding will be \$310,000 from the sewage revenue fund. The budgeted amount from the capital improvement budget is \$210,000 from the 2013 budget and an additional \$100,000 from the 2012 sewer lining program. Additional sewer lining was added to the contract to line sewer along the Fox River that was identified as deteriorated based on televising completed this winter.

PROJECT 13-03 Sewer Lining

BID TAB

BIDDER NO. 1										BIDDER NO. 2				BIDDER NO. 3				BIDDER NO. 4			
Insituform Technologies USA, Inc.										Visu-Sewer Inc.				Michels Corporation				SAK Construction, LLC			
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID				
SP-01	8" CIPP – ALLEY (HURON/ERIE & MERRILL/BOLLES)	LF	510	\$23.50	\$11,985.00	\$26.00	\$13,260.00	\$25.00	\$12,750.00	\$29.75	\$15,172.50										
SP-02	8" CIPP – ALLEY (MICHIGAN/SUPERIOR & WILLIAM/JAMES)	LF	220	\$31.60	\$6,952.00	\$26.00	\$5,720.00	\$25.00	\$5,500.00	\$29.75	\$6,545.00										
SP-03	8" CIPP – ALLEY (MICHIGAN/SUPERIOR & FULTON/FRANKLIN)	LF	325	\$26.40	\$8,580.00	\$26.00	\$8,450.00	\$25.00	\$8,125.00	\$29.75	\$9,668.75										
SP-04	8" CIPP – ALLEY (HURON/ERIE & FRANKLIN/JAMES)	LF	500	\$22.80	\$11,400.00	\$26.00	\$13,000.00	\$25.00	\$12,500.00	\$29.75	\$14,875.00										
SP-05	8" CIPP – LAWTON PLACE	LF	470	\$28.60	\$13,442.00	\$26.00	\$12,220.00	\$25.00	\$11,750.00	\$29.75	\$13,982.50										
SP-06	8" CIPP – MANSION PLACE	LF	465	\$22.60	\$10,509.00	\$26.00	\$12,090.00	\$25.00	\$11,625.00	\$29.75	\$13,833.75										
SP-07	8" CIPP – S. MICHIGAN STREET	LF	80	\$52.30	\$4,184.00	\$26.00	\$2,080.00	\$25.00	\$2,000.00	\$29.75	\$2,380.00										
SP-08	8" CIPP – MORNING GLORY LANE	LF	755	\$23.50	\$17,742.50	\$26.00	\$19,650.00	\$25.00	\$18,875.00	\$29.75	\$22,461.25										
SP-09	8" CIPP – PINE STREET	LF	1215	\$21.90	\$26,608.50	\$26.00	\$31,590.00	\$25.00	\$30,375.00	\$29.75	\$36,146.25										
SP-10	8" CIPP – RANDALL AVENUE	LF	195	\$31.10	\$6,064.50	\$26.00	\$5,070.00	\$25.00	\$4,875.00	\$29.75	\$5,801.25										
SP-11	8" CIPP – RIDGEWAY BLVD	LF	120	\$41.20	\$4,944.00	\$26.00	\$3,120.00	\$25.00	\$3,000.00	\$29.75	\$3,570.00										
SP-12	8" CIPP – URBANDALE AVENUE	LF	880	\$22.60	\$19,888.00	\$26.00	\$22,880.00	\$25.00	\$22,000.00	\$29.75	\$26,180.00										
SP-13	8" CIPP – WHITE PINE AVENUE	LF	770	\$23.30	\$17,941.00	\$26.00	\$20,020.00	\$25.00	\$19,250.00	\$29.75	\$22,907.50										
SP-14	10" CIPP – S. MICHIGAN STREET	LF	320	\$31.70	\$10,144.00	\$36.00	\$11,520.00	\$39.00	\$12,480.00	\$36.15	\$11,568.00										
SP-15	10" CIPP – RANDALL AVENUE	LF	255	\$33.90	\$8,644.50	\$36.00	\$9,180.00	\$39.00	\$9,945.00	\$36.15	\$9,218.25										
SP-16	12" CIPP – EASEMENT (MICHIGAN TO BROADWAY TO GBMSD)	LF	540	\$34.00	\$18,360.00	\$35.00	\$18,900.00	\$35.50	\$19,170.00	\$35.10	\$18,954.00										
SP-17	12" CIPP – EASEMENT (WEST SIDE FOX RIVER INTERCEPTOR)	LF	2310	\$35.50	\$82,005.00	\$35.00	\$80,850.00	\$41.00	\$94,710.00	\$35.10	\$81,081.00										
		TOTAL BID			\$279,394.00		\$289,580.00		\$298,930.00								\$314,345.00				

City of De Pere

Public Works Department

Memo

To: Honorable Mayor Walsh
Members of the Board of Public Works
From: Scott J. Thoresen, Director of Public Works *S.J.T.*
Date: April 2, 2013
Subject: Consider Award 2013 9th Street Elevated Storage Tank Rehabilitation Project

The City has budgeted for in 2013 the rehabilitation and repainting of the 9th Street water tower. The City bid this project as a joint project with the City of Manitowoc and Village of Ashwaubenon who were also planning on repainting their water towers. The intent of bidding the projects together were to try to achieve some cost savings for each municipality.

The City received the following bids for the 2013 - 9th Street Elevated Storage Tank Rehabilitation Project:

L.C. United Painting Co., Inc.	= \$ 334,000
MK Painting, LLC	= \$ 427,500
Classic Protective Coatings, Inc.	= \$ 459,750
TMI Coatings, Inc.	= \$ 583,300
Utility Service Co., Inc.	= \$ 584,500

Our engineering firm, Robert E. Lee & Associates has reviewed all bids that were submitted and recommends awarding the project to L.C. United Painting Co., Inc. (See attached) The same contractor was also low bid for Ashwaubenon and Manitowoc therefore the City will see an additional savings of \$4,000 which will come as a deduct for the project.

Staff recommends awarding the project to L.C. United Painting Co., Inc., out of Sterling Heights, MI in the amount of \$330,000 contingent upon the pending renewal of the Certificate of Authority from the Wisconsin Department of Financial Institutions. The 2013 water utility budget has sufficient funding allocated for this project as well as the engineering fees associated with it.



Robert E. Lee & Associates, Inc.

Engineering, Surveying, Environmental Services

April 2, 2013

Green Bay Office
4664 Golden Pond Park Ct.
Hobart, WI 54155
920-662-9641
FAX 920-662-9141
E Mail rel@releeinc.com

Mr. Eric Rakers, P. E.
CITY OF DE PERE
925 South Sixth Street
De Pere, WI 54115

RE: City of De Pere 2013 Elevated Storage Tank Reconditioning
Bid Recommendation

Dear Mr. Rakers:

Bids were received on March 28, 2013 for the 2013 Elevated Storage Tank Reconditioning, Contract No. 404-13-01, from five contractors. The bids ranged from \$334,000.00 to \$584,500.00.

We have reviewed each bid that was submitted. The low bidder is L.C. United Painting Co., Inc., with a base bid of \$334,000.00. L.C. United Painting Co., Inc., was low bidder for the two other communities, (Village of Ashwaubenon and Manitowoc Public Utilities), that the City had worked together with. Therefore, the City of De Pere will be receiving a deduct of \$4,000.00, and the contract will be for \$330,000.00. A bid tabulation is enclosed detailing the bid items.

We have reviewed the contractor's qualifications, and find them an able and competent contractor. Therefore, we recommend that the contract be awarded to L. C. United Painting Co., Inc., for the bid of \$330,000.00, which includes the deduct for the same contractor for all three communities contingent upon pending renewal of the Certificate of Authority from the Wisconsin Department of Financial Institutions.

Sincerely,

ROBERT E. LEE & ASSOCIATES, INC.

Kimberly A. Kimmes, P. E.

KAK/CAO

ENC./CC: Dale Marsh, Robert E. Lee & Associates, Inc.

UNIT PRICE BID SCHEDULE

OWNER: City of De Pere
 PROJECT: 2013 Elevated Storage Tank Rehabilitation
 CONTRACT: Contract 404-13-01
 BID DATE: March 28, 2013 @ 10:00 a.m.
 ENGINEERS: ROBERT E. LEE & ASSOCIATES, INC.

Item		Unit	Qty.	MK Painting, LLC	L.C. United Painting Co., Inc	Classic Protective Coatings, Inc	TMI Coatings, Inc.	Utility Service Co., Inc.
Repairs--Multi-Legged Water Storage Tank								
1	Remove existing 24-inch riser access hatch and replace with a new 30-inch riser access hatch, for the unit price of:	Unit	1	\$8,000.00	\$7,000.00	\$9,000.00	\$6,000.00	\$6,500.00
2	Provide balcony handrail per Specification Section 33 16 19.01, for the unit price of:	Unit	1	\$15,000.00	\$6,000.00	\$27,000.00	\$17,000.00	\$10,000.00
3	Provide flap valve on overflow pipe per Specification Section 33 16 19.01, for the unit price of:	Unit	1	\$3,000.00	\$2,000.00	\$2,800.00	\$2,000.00	\$1,500.00
4	Remove and replace existing roof vent per Specification Section 33 16 19.01, for the unit price of:	Unit	1	\$6,500.00	\$5,000.00	\$7,000.00	\$8,000.00	\$5,000.00
5	Repair foundations per Specification Section 33 16 19.01, for the unit price of:	Unit	1	\$3,000.00	\$3,000.00	\$4,200.00	\$3,000.00	\$3,500.00
6	Tighten Wind/Riser rods and struts per Specification Section 33 16 19.01, for the unit price of:	Unit	1	\$4,000.00	\$3,000.00	\$4,800.00	\$5,000.00	\$1,000.00
7	Install mixing system per Specification Section 33 16 19.01, for the unit price of:	Unit	1	\$10,000.00	\$14,000.00	\$38,000.00	\$2,000.00	\$40,000.00
Total Repairs--Multi-Legged Water Storage Tank, Items 1-7				\$49,500.00	\$40,000.00	\$92,800.00	\$43,000.00	\$67,500.00
Painting--Multi-Legged Water Storage Tank								
8	Exterior Overcoat- See Specification Section 09 97 13.2, for the unit price of:	Unit	1	\$292,000.00	\$219,000.00	\$234,465.00	\$350,000.00	\$375,000.00
9	Interior Wet- See Specification Section 09 97 13.2, for the unit price of:	Unit	1	\$54,000.00	\$43,000.00	\$100,485.00	\$158,300.00	\$110,000.00
Total Painting--Multi-Legged Water Storage Tank, Items 8-9				\$346,000.00	\$262,000.00	\$334,950.00	\$508,300.00	\$485,000.00
Miscellaneous								
10	Specification Section 01 21 00, Allowances, Schedule of allowances, for the lump sum price of:	LS	1	\$32,000.00	\$32,000.00	\$32,000.00	\$32,000.00	\$32,000.00
Total Miscellaneous, Item 10				\$32,000.00	\$32,000.00	\$32,000.00	\$32,000.00	\$32,000.00
TOTAL CONTRACT 404-13-01, Items 1-10				\$427,500.00	\$334,000.00	\$459,750.00	\$583,300.00	\$584,500.00
DEDUCT BID ITEMS								
11	Deduct in bid if contractor is awarded both City of De Pere and Village of Ashwaubenon elevated water storage tanks, for the unit price of:	Unit	1	(\$7,000.00)	(\$2,000.00)	(\$2,500.00)	(\$1,000.00)	\$0.00
12	Deduct in bid if contractor is awarded both City of De Pere and Manitowoc Public Utilities elevated water storage tanks, for the unit price of:	Unit	1	(\$5,000.00)	(\$3,000.00)	(\$2,500.00)	(\$3,000.00)	\$0.00
13	Deduct in bid if contractor is awarded City of De Pere, Village of Ashwaubenon, and Manitowoc Public Utilities elevated water storage tanks, for the unit price of:	Unit	1	(\$6,000.00)	(\$4,000.00)	(\$5,000.00)	(\$3,000.00)	\$0.00

Note: The owner reserves the right to award the base bid and any combination of alternate bid items or no alternate bid items. The owner reserves the right to award the base bid and any combination of deduct bid items or no deduct bid items.

City of De Pere

Public Works Department

Memo

To: Honorable Mayor Walsh
Members of the Board of Public Works
From: Scott J. Thoresen, Director of Public Works S.J.T.
Date: March 27, 2013
Subject: Consider Contract Renewal for Commercial & Industrial Cross Connection Control Program

Our contract with Hydro Designs for commercial and industrial cross connection control program has expired. Attached is the contract renewal submitted by Hydro Designs for consideration.

The City is required by the Wisconsin Administrative Code 810.15 to maintain a cross connection control program. Our commercial and industrial cross connection program started in 2008. The purpose of the cross connection program is to ensure that the City provides and protects the water distribution system for safe drinking water. The cross connection program will inspect private plumbing systems for commercial and industrial properties to make sure they cannot contaminate the City's water system. The cross connection program will continue to establish and administer guidelines for controlling cross connections and implementing means to ensure their enforcement so that the public drinking water will be protected both in the City's distribution mains as well as within private buildings.

Hydro Designs is also under contract with the City for ten (10) years performing our residential cross connection inspection program.

It is recommended that City renew our contract with Hydro Designs to continue to perform the cross connection program for commercial and industrial properties. The funding for this program is budgeted under "outside services" account 601-6001-923 in the 2013 water utility budget.

If you should have any questions or concerns regarding this matter, feel free to contact my office.

CITY OF DE PERE

925 South 6th Street – (920) 339-4046



Cross Connection Control Program Proposal

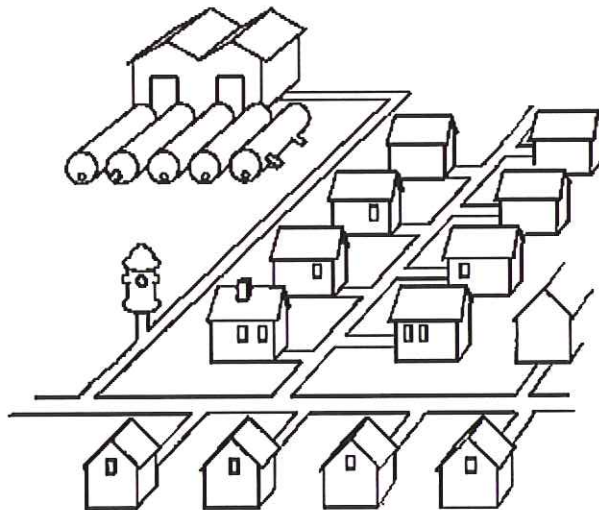
To ensure Safe Drinking Water

March 18th, 2013

Why is this project necessary? Page 2

Service Summary and Cost Page 3

TEAM Project Approach Page 4



Proposal Submitted by
800-314-4305

 **HydroDesigns**
Cross-Connection Control

2665 S. Moorland Rd Suite 209
New Berlin, WI 53151

Why?

NR 810.15

NR 810.15 Cross connections and interconnections.

Unprotected cross-connections are prohibited. Cross-connections shall be protected as required in Chapter Comm 82.41.



(1) CROSS CONNECTION CONTROL PROGRAM. In order to protect the public water supply system, the water supplier for every municipal water system shall develop and implement a comprehensive cross connection control program for the elimination of all existing unprotected cross-connections and prevention of all future unprotected cross-connections to the last flowing tap or end-use device. The program may include providing public education materials in lieu of inspections of low hazard portions of residential or commercial facilities. Low hazard areas consist of normal kitchen and bathroom fixtures. The water supplier shall keep a current record of the cross connection control program available for annual review by the department. The cross connection control program shall include:

(A) Complete description of the program and the administration procedures, including designation of the inspection or enforcement agency or agencies.

(B) Local authority for implementation of the program, such as ordinance or other governing rule.

(c) A time schedule for public education materials, surveys and follow up surveys of consumer premises for cross connections including appropriate record keeping. Unless otherwise authorized by the department, water suppliers for each municipal water system shall cause a survey to be conducted for every residential service a minimum of once every ten years or on a schedule matching meter replacement. Public educational materials, when being provided in lieu of low hazard inspections, shall be provided to the customer no less than every 3 years and with every cross connection survey. Unless a detailed alternative schedule is included in the cross connection control program and is approved by the department, water suppliers for each municipal water system shall cause a survey to be conducted for every industrial, commercial and public authority service a minimum of once every 2 years. Commercial properties of similar or lesser risk to residential properties may follow the same schedule as residential properties. Completed survey results shall be maintained by the water supplier until corrections and follow up surveys have been made.

(d) A complete description of the methods, devices, and assemblies which will be used to protect the potable water supply. Compliant methods, devices and assemblies are listed in s. Comm 82.41.

(e) Provisions for denial or discontinuance of water service, after reasonable notice, to any premises where an unprotected cross connection exists or where a survey could not be conducted due to denial.

(f) Submission to the department of a copy of an ordinance establishing a Cross Connection Control Program, an annual report including a total number of all service connections by Category and a report indicating the number of surveys completed in each category for that year.

(2) INTERCONNECTIONS WITH OTHER ACCEPTABLE WATER SOURCES. Interconnections between the public water supply system and another source of water are prohibited unless permitted by the department in individual cases. Approval of the

Requires municipal water suppliers have CCC Program in place

Program must be documented and inspections on a time schedule

Inspection frequency and facility hazard type must be authorized by DNR

Must refer to Dept of SPS 382.41 plumbing code

All well to city water interconnections must be permitted individually by DNR

CCC Program Cost Summary

Program Recommendations

Wisconsin DNR requires all Public Water Supply systems in Wisconsin are required to maintain an active and Comprehensive Cross Connection Control (CCC) Program which includes site surveys of each water customer's internal potable water plumbing. Corrective action enforcement authority is provided within each local community's Cross Connection Control Ordinance, which is already in effect.

According to information provided by the Utility, Hydro Designs Inc proudly presents this proposal for services to:

1. Continue to assist the **CITY OF DE PERE** with a community wide public relations program including general awareness brochures and cross connection control program press releases including resources for the Utility website page.
2. Provide a program update meeting to discuss program policies, codes and common hazards for relevant Utility staff members. A the comprehensive policies and procedures manual will updated as required to for compliance with DNR 810.15 and recent Plumbing Code changes.
3. Notify the building owner prior to each inspection via postal letter with opportunity to schedule a specific time of inspection via the Hydro Designs Inc. Provide ongoing support for water customer scheduling and questions via the Hydro Designs Inc. WI office toll free 800# phone line, fax, or email.
4. Online website page for water customers to report they have made corrections and are ready for follow up inspections –can be used for residential CCC Program also.
5. Complete Survey/Inspections of **non-residential facilities** indicated in the proposed facility list during the contract period. Inspections will be conducted utilizing the isolation approach as supported with the Wisconsin Department of SPS 382.41.

Inspections Due in 2013

- 176 Facilities due for inspection based on DNR approved frequency
- 19 Facilities Due For Compliance Review

Inspections Due in 2014

- 124 Facilities due for inspection based on DNR approved frequency

6. Provide Water Utility and building owner with a detailed corrective action report for each non-compliant facility
7. Submit comprehensive management reports and conduct an annual review meeting to discuss overall program status and recommendations. Online access to program database is available upon request.

Comprehensive Cross Connection Control Program Costs:

***319 Cross Connection Inspections & Program Management**

Monthly Amount: \$1,415.00 Annual Amount: \$16,980.00 Contract: \$33,960.00

Previous Monthly Amount: \$1,657.00 Previous Contract: \$39,768.00

What we look for & document...



Common Cross Connection Control Survey Data:

During the Cross Connection Control Survey, the Surveyor will observe common potable water piping connections such as boiler systems, water softeners and threaded hose bibs and other machines/systems connected to the drinking water supply. Each existing backflow preventer will be verified and documented for correct application.

Where unprotected Cross Connections are identified, the Surveyor will document the required corrective action and if possible, give a brief explanation to the occupant before leaving the premises. Common backflow preventers found within residences are described but not limited to the list and photo examples below:

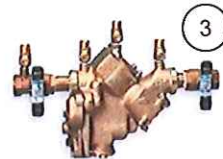
1. Lawn Sprinkler Backflow Preventers



2. Toilet Tank Anti-Siphon Valves



3. Boiler Backflow Preventer – High Hazard Type



4. Boiler Backflow Preventer – Low Hazard Type



5. Outside Hose Bibb Fixture



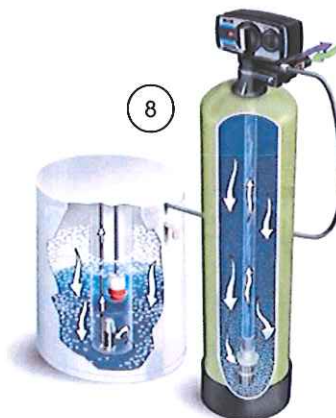
6. Standard Hose Bibb



7. Laundry Tub Threaded Fixture



8. Water Softener Back Flush Drain Hose





Your Cross Connection Control TEAM:

"Supporting your CCC Program and Water Customers is our Focus"



Gary McLaren

-CCC Program Education
-New Program Development
-Phone: 262-264-6385

Email: gmclaren@hydrodesignsinc.com

Craig Wolf

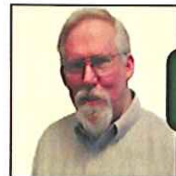
-WI Operations Director
-Phone: 262-264-6386



Email: cwolf@hydrodesignsinc.com

Tony Averbeck

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-Field Surveyor – SE Central
-Phone: 920-960-0897

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Rick Kinney

- Field Surveyor
- Central Wisconsin
- Phone: 262-290-2736

Email: rkinney@hydrodesignsinc.com



PROFESSIONAL SERVICE AGREEMENT

This agreement, made and entered into this _____ (insert date) by and between CITY OF DE PERE, organized and existing under the laws of the State of Wisconsin, referred to as "Utility," and Hydro-Designs, Inc. a Michigan Corporation, referred to as "HDI".

WHEREAS, the Utility supplies potable water throughout its geographic boundaries to property owners; and desires to enter into a professional services contract for cross-connection control program inspection, reporting and management services.

WHEREAS, HDI is experienced in and capable of supplying professional inspection of potable water distribution systems and cross connection control program management to the Utility and the Utility desires to engage HDI to act as its independent contractor in its cross connection control program.

WHEREAS, the Utility has the authority under the laws of the State of Wisconsin and its local governing body to enter into this professional services contract.

NOW THEREFORE, in consideration of the mutual agreements herein contained, and subject to the terms and conditions herein stated, the parties agree as follows:

ARTICLE I. Purpose

During the term of this Agreement, the Utility agrees to engage HDI as an independent contractor to inspect the potable water distribution systems within the prescribed type of facilities outlined in section (2.9) within the community and document its findings. Each party to this agreement agrees that it will cooperate in good faith with the other, its agents, and subcontractors to facilitate the performance of the mutual obligations set forth in this Agreement. Both Parties to this agreement recognize and acknowledge that the information presented to them is complete and accurate, yet due to the inaccessible nature of water piping or due to access constraints within water user's facilities, complete and accurate data is not always available.

ARTICLE II. Scope of Services

The scope of services to be provided by HDI under this Agreement will include the inspections, compliance, preparation of quarterly management reports, and annual cross connection reports with respect to the Facilities to the extent specifically set forth in this Article II (hereinafter the "Scope of Service"). Should other reports be included within the scope of services, the same shall be appended to this Agreement as Exhibit 1.

2.1

PROGRAM START-UP MEETING. HDI will conduct a Program Start-up Meeting for the Cross Connection Control/Backflow Prevention Program. Items for discussion include the following:

- An updated facility listing for the facilities to be inspected
- Prioritize Inspections – (i.e. Municipal Buildings, Schools, High Hazard Facilities)
- Establish procedures and protocol for addressing specific hazards
- Review educational and public awareness brochures
- Establish facility inspection schedule –

2.2

INSPECTIONS. HDI will perform 319 inspections during the contract period. Inspections will be conducted utilizing the Isolation approach as supported by the Wisconsin Department of Safety & Professional Services, SPS 382 standards. Each site visit counts as an inspection.

- **Initial Inspection** – the first time an HDI representative inspects a facility for cross connections. Degree of Hazard is assigned to facility. The Degree of Hazard will dictate future re-inspection frequency/schedule of facility. (Facility will be either compliant or non-compliant after this inspection.)
- **Compliance Inspection** – subsequent visit by an HDI representative to a facility that was non-compliant during the initial inspection to verify that the work was completed and meets the program compliance.
- **Re-Inspection** – Revisit by an HDI representative to a facility that was initially inspected. The re-inspection frequency/schedule is based on the degree of hazard assigned to the facility during the initial inspection. (Two to six year re-inspection cycle.)

2.3

INSPECTION SCHEDULE. HDI shall determine and coordinate the inspection schedule. Inspection personnel will check in/out on a daily basis with the Utility designated contact person. Initial check in to include a list of inspections scheduled. An exit interview will include a list of inspections complete.

- 2.4 **PROGRAM DATA.** HDI will generate and document the required program data for the facilities listed below (in 2.9) using the HDI Software Data Management Program. Program Data shall remain property of the Utility; however, the HDI Software Data Management program shall remain the property of HDI and can be purchased for an additional fee. Data Services to include:
- Prioritizing and scheduling of inspections.
 - Notify users of inspections, backflow device installation and testing requirements
 - Monitor inspection and testing compliance.
 - Maintenance of program to comply with all WI Department of Natural Resources & Department of Safety & Professional Services requirements.
- MANAGEMENT REPORTS.** HDI will submit comprehensive management reports to the Utility, which will include the following:
- Schedule of Inspections – 3 weeks before scheduled date
 - Activity Reports – detailing inspection activity after each round of inspections
 - Inspections Completed report – details dates and compliance status of facilities inspected
 - Notice Summary Report – details dates notices were sent to facilities
 - Violation Summary report – details what corrective action must be taken by each facility in order to move into compliance.
 - Submit comprehensive annual report to Utility detailing inspection and notice activity as well as compliance status and violations summary.
- 2.5 **REVIEW OF CROSS-CONNECTION CONTROL ORDINANCE.** HDI will review the current cross-connection control ordinance and update the cross-connection control plan specific to the Utility as required by Wisconsin Department of Natural Resources.
- Plan will include updated code adoption references, standard operational procedures, program notice documentation, reporting procedures and reference standards.
 - Plan will also include a detailed re-inspection frequency for each facility surveyed.
- 2.6 **VACUUM BREAKERS.** HDI may (at no additional cost) provide ASSE #1011 type hose bibb vacuum breakers or ASSE #1011 automatic draining type anti-frost hose bibb vacuum breakers per facility for compliance if no other cross connections are identified. This practice will reduce the cost of having to return to the inspection site to verify the correction of less than 6 vacuum breakers.
- 2.7 **PUBLIC RELATIONS PROGRAM.** HDI will assist the Utility to establish a community wide public relations program including general awareness brochures and web site cross connection control program overview content and resources.
- 2.8 **SUPPORT.** HDI will provide ongoing support via phone, fax, internet or email.
- 2.9 **FACILITY TYPES.** The facility types included in the program are as follows:
- Public Authority, Commercial, Industrial and Miscellaneous facilities
- 2.10 **LARGE, HIGH HAZARD FACILITIES.** Large industrial and high hazard complexes or facilities may require containment and additional assessment of the facility operations and/or processes. These facilities may require inspection/survey services outside the scope of this agreement. An independent cross connection control survey (at the business owner's expense) may be required of these facilities and the results submitted to the water utility to help verify program compliance.
- 2.11 **COMPLIANCE WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES AND WISCONSIN ADMINISTRATIVE CODE.** HDI will assist in compliance with DNR and WI Administrative Code cross-connection control program requirements for non-residential facilities.
- 2.12 **POLICY MANUAL.** HDI will update a cross connection control policy manual/plan for submission to the WI-DNR for approval.
- 2.13 **INVENTORY.** HDI shall inventory all accessible (ground level) testable and non-testable backflow prevention devices. Information to include: location, size, make, model and serial number if applicable.
- 2.14 **DATA MANAGEMENT.** HDI shall provide data management and program notices for all inspection services throughout the contract period.

- 2.15 **ANNUAL YEAR END REVIEW.** HDI will conduct an on-site annual year end review meeting to discuss overall program status and specific program recommendations.
- 2.16 **CROSS CONNECTION CONTROL BROCHURES.** HDI will provide 400 cross-connection control educational brochures during the contract period
- 2.17 **INSURANCE.** HDI will provide all required copies of general liability, workers compensation and errors and omissions insurance naming the Utility as an additional insured if required.

ARTICLE III. Responsibilities of the Utility

- 3.1 **UTILITY'S REPRESENTATIVE.** On or before the date services are to commence under this Agreement, the Utility shall designate an authorized representative ("Authorized Representative") to administer this Agreement.
- 3.2 **COMPLIANCE WITH LAWS.** The Utility, with the technical and professional assistance of HDI, shall comply with all applicable local, state, and federal laws, codes, ordinances, and regulations as they pertain to the water distribution system cross-connection control program inspection/surveys and testing and shall pay for any capital improvements needed to bring the water treatment and delivery system into compliance with the aforementioned laws.

HDI acknowledges that, as a Wisconsin Municipality, the City is required to comply with Wisconsin Stats. 19.36(3), which provides:

CONTRACTOR'S RECORDS. Subject to subd. (12), each authority shall make available for inspection and copying under s. 19.35(1) any record produced or collected under a contract entered into by the authority with a person other than an authority to the same extent as if the record were maintained by the authority.

Therefore, as the city's contractor, HDI agrees that, within 10 business days of a written request by City, it shall forward to City any such document or record maintained by HDI as are requested by City. HDI shall identify documents it believes are exempted from disclosure under the public records law to city if it objects to the disclosure by city of any of the documents requested. Disclosure of any documents under a public records request shall be as provided by law. All documents produced shall be in the format requested by the City if the documents are kept and maintained in that format.

- 3.3 **NOTICE OF LITIGATION.** In the event that the Utility or HDI has or receives notice of or undertakes the prosecution of any actions, claims, suits, administrative or undertakes the prosecution of any actions, claims, suits, administrative or arbitration proceedings, or investigations in connection with this agreement, the party receiving such notice or undertaking such prosecution shall give the other party timely notice of such proceedings and will inform the other party in advance of all hearings regarding such proceeding.

- 3.4 **FACILITY LISTING.** The Utility must provide HDI a complete list of facilities to be inspected. Information to include facility name, address, contact person (if available), and phone number. (Electronic file format such as Microsoft Excel preferred.) Incorrect facility addresses will be returned to the Utility contact and corrected address will be requested. *If Utility is unable to provide an electronic file copy of facility information, HDI will assess a data transfer fee of \$80/hour to manually input the facility listing and/or assembly test record information into the HDI Software Data Management Program. This fee will be invoiced separately outside the scope of this service agreement.*

- 3.5 **LETTERHEAD/LOGO.** For the mailing of all official correspondence only, the Utility should provide HDI with an electronic file copy of logo for mailing notices and envelopes for the program.

ARTICLE IV. Term

- 4.1 **TERM AND TERMINATION TERM.** Services by HDI under this Agreement shall commence on _____ (Date) and end 24 months from such date, unless this Agreement is renewed or terminated as provided herein. The terms of this Agreement shall be valid only upon the execution of this agreement within 90 days of its receipt. Failure to execute this Agreement within the 90 day period shall deem the proposed terms void.

- 4.2 **RENEWAL.** Based on potential varying inspection frequency of the Municipal Facilities, future renewals of this contract may alter the costs.

- 4.3 **TERMINATION.** The Utility or HDI may terminate this Agreement at any time and on any date in the initial and renewal terms of this Agreement, with or without any cause, by giving written notice of such intent to terminate to the other party at least thirty (30) days prior to the effective date of termination. Notice of the intent to terminate shall be given in writing by personal service, by an authorized agent, or by certified mail, return receipt requested. The Utility shall pay the balance of any outstanding accounts of work performed by HDI.

4.4 **BASE COMPENSATION.** From (date)_____, **CITY OF DE PERE** shall pay HDI as compensation ("Base Compensation") for labor, equipment, material, supplies, and utilities provided and the services performed pursuant to this Agreement, the sum of **\$1,415.00 per month, \$16,980.00 annually and a total of \$33,960.00 within twenty four (24) months of contract date.**

4.5 **PAYMENT OF INVOICES.** Upon presentation of invoices by HDI, all payments including base and other compensation shall be due and payable on the first day of each month (due date) for which services will be or have been rendered. All such payments shall be made no later than thirty (30) days after the due date. Failure to pay shall be deemed a default under this agreement. For any payment to HDI which is not made within thirty (30) calendar days after the due date, HDI shall receive interest at one and one-half (1½) percent per month on the unpaid balance.

4.6 **CHANGES IN SCOPE OF SERVICES.** In the event that the Utility request and HDI consents to perform additional work or services involving the consulting, management, operation, maintenance, and repair of the Utility's water delivery system where such services or work exceeds or changes the Scope of Services contemplated under this Agreement, HDI shall be provided additional compensation. Within thirty (30) calendar days from the date of notice of such additional work or services, the parties shall mutually agree upon an equitable sum for additional compensation. This amount shall be added to the monthly sum effective at the time of change in scope. Changes in the Scope of Service include, but are not limited to, requests for additional service by the Utility, additional costs incurred in (a) treating Abnormal or Biological Toxic Materials; (b) disposing of process residue; (c) meeting new or changed government regulations or reporting requirements, including changed effluent or potable water standards which increase the cost of operating the Facilities; (d) arising from construction or medication of the Facilities, or (e) expenditures for Capital Improvement and Capital Repairs.

4.7 **CLIENT CONFIDENTIALITY.** All communications between HDI and the Utility regarding business practices and other methods and forms of doing business will be considered confidential, subject to the requirements of Wisconsin Public Records Law.

4.8 **ACCESSIBILITY.** Backflow prevention device information will be completed in full only when the identifying information (i.e. data plate, brass tag, etc.) is accessible and visible from ground level or from a fixed platform/mezzanine.

4.9 **CONFINED SPACES** – HDI personnel will not enter into confined spaces.

ARTICLE V. Risk Management

5.1 **INFORMATION.** Both Parties to this agreement recognize and acknowledge that the information presented to them is complete and accurate, yet due to the inaccessible nature of water piping or lack of access provided by property owner/water user; complete accurate data is not always available. Cross-connection control inspection and results are documented as of a specific date. The property owner and/or water user may make modifications to the potable water system after the inspection date that may impact compliance with the program.

5.2 **INDEMNIFICATION.** HDI agrees to and shall hold the Utility, its elected and appointed officers, and employees harmless from any liability for claims or damages for personal injury or property damage which is caused by or arises from the sole negligence of HDI in the performance of its services under this Agreements. The Utility agrees to and shall hold HDI, its officers, and employees harmless from any liability for claims or damages for personal injury or property damage which is caused by, or arises from, the sole negligence of the Utility. In the event that both HDI and the Utility are found by a fact finder to be negligent and the negligence of both is a proximate cause of such claim for damage, then in such event each party shall be responsible for the portion of the liability equal to its comparative share of the total negligence.

- 5.3 **HDI INSURANCE.** HDI currently maintains the following insurance coverage's and limits:

	Occurrence	Aggregate
Commercial General Liability	\$1 Million	\$2 Million
Excess Umbrella Liability	\$5 Million	\$5 Million
Automobile Liability (Combined Single Limit)	\$1 Million	
Worker's Comp/ Employer's Liability	\$1 Million	
Errors and Omissions	\$2 Million	\$2 Million

Within thirty (30) calendar days of the start of the project, HDI shall furnish the Utility with satisfactory proof of such insurance, and each policy will require a 30-day notice of cancellation to be given to the Utility while this Agreement is in effect. These policies will be in effect at the time HDI takes possession of the Facilities. The Utility shall be named as an additional insured according to its interest under the general liability policy during the term of this Agreement with and endorsement sent to the Utility showing coverage.

- 5.4 **UTILITY INSURANCE.** The Utility will maintain liability insurance.
- 5.5 **RELATIONSHIP.** The relationship of HDI to the Utility is that of independent contractor and not one of employment. None of the employees or agents of HDI shall be considered employees of the Utility. For the purposes of all state, local, and federal laws and regulations, the Utility shall exercise primary management, and operational and financial decision-making authority.
- 5.6 **ENTIRE AGREEMENT AMENDMENTS.** This Agreement contains the entire Agreement between the Utility and HDI, and supersedes all prior or contemporaneous communications, representations, understandings, or agreements. This Agreement may be modified only by a written amendment signed by both parties.
- 5.7 **HEADINGS, ATTACHMENTS, AND EXHIBITS.** The heading contained in this Agreement is for reference only and shall not in any way affect the meaning or interpretation of this Agreement. The Attachments and Exhibits to this Agreement shall be construed as an integral part of this Agreement.
- 5.8 **WAIVER.** The failure on the part of either party to enforce its rights as to any provision of this Agreement shall not be construed as a waiver of its rights to enforce such provisions in the future.
- 5.9 **ASSIGNMENT.** This Agreement shall not be assigned by either party without the prior written consent of the other unless such assignment shall be to the affiliate or successor of either party.

- 5.10 **REIMBURSABLE EXPENSES.** For the purpose of this Agreement, employee reimbursable expenses shall comply with the published Federal guidelines.

- 5.11 **FORCE MAJEURE.** A party's performance under this Agreement shall be excused if, and to the extent that, the party is unable to perform because of actions due to causes beyond its reasonable control such as, but not limited to, Acts of God, the acts of civil or military authority, loss of potable water sources, water system contamination, floods, quarantine restrictions, riot, strikes, commercial impossibility, fires explosions, bombing, and all such interruptions of business, casualties, events, or circumstances reasonably beyond the control of the party obligated to perform, whether such other causes are related or unrelated, similar or dissimilar, to any of the foregoing. In the event of any such force majeure, the party unable to perform shall promptly notify the other party of the existence of such force majeure and shall be required to resume performance of its obligations under this Agreement upon the termination of the aforementioned force majeure.

- 5.12 **AUTHORITY TO CONTRACT.** Each party warrants and represents that it has power authority to enter into this Agreement and to perform the obligations, including any payment obligations, under this Agreement.

- 5.13 **GOVERNING LAW AND VENUE.** This Agreement shall be governed by and construed in accordance with the laws of the State of Wisconsin, regardless of the fact that any of the parties hereto may be or may become a resident of a different state or jurisdiction. Any suit or action arising shall be filed in a court of competent jurisdiction within the State of Wisconsin, venue by the presiding County. The parties hereby consent to the personal jurisdiction of said court within the State of Wisconsin.

5.14 **COUNTERPARTS.** This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original and all of which together shall be deemed to be one and the same instrument.

5.15 **NOTICES.** All notices, requests, demands, payments and other communications which are required or may be given under this Agreement shall be in writing and shall be deemed to have been duly given if delivered personally, telecopied or sent by nationally recognized overnight carrier, or mailed by certified mail, postage prepaid, return receipt requested, as follows:

If to HDI:

Hydro Designs, Inc.
c/o Mark Martin
5700 Crooks Road, Ste. 100
Troy, MI 48098
(248) 250-5005
(248) 789-1789 fax

If to Utility: City of DE PERE Public Works Department
925 South Sixth Street
De Pere, WI 54115-1199

5.16 **SEVERABILITY.** Should any part of this Agreement for any reason, be declared invalid or void, such declaration will not affect the remaining portion which will remain in full force and effect as if the Agreement has been executed with the invalid portion eliminated.

IN WITNESS WHEREOF, the parties have duly executed this Agreement effective as of the date first above written.

Utility

_____ Date _____

By:

Its:

Hydro-Designs, Inc.


By: John Hodak Date 4-18-2013
Its: President/COO

City of De Pere Public Works Department

Memo

To: Honorable Mayor Walsh
Members of the Board of Public Works
From: Scott J. Thoresen, Director of Public Works S.J.T.
Date: March 29, 2013
Subject: Discuss 2013 Leak Detection Survey

As discussed in December, the City currently is experiencing approximately a 20% water loss per the Public Service Commission report in the system. In order to determine where the water loss is, staff had requested proposals from firms that perform leak detection surveys. The intent of the survey is to locate where the leaks are in the system so that they can be fixed and reduce our water loss. The BOPW and Council awarded the project to Westrum Leak Detection. Westrum Leak Detection is gearing up to start this project in mid-April. As part of this project, City staff has to locate all valves and curb boxes. In areas throughout the City, where there is PVC water main, the curb boxes outside the street pavement are being marked with flags and blue paint. Staff has been receiving many calls from property owners as to why there are blue flags in their yards. Staff has put this information on the water department website but I also felt it would be a good idea to just update the BOPW on this project in case property owners call you regarding the blue flags.

If you should have any questions or concerns regarding this matter, feel free to contact my office.

CITY OF DE PERE

335 South Broadway
De Pere, WI 54115
Fax No.: 920/339-4049
Web: <http://www.de-pere.org>



Parking and Traffic Team March 19, 2013 Minutes

Items for the Board of Public Works:

1. Parking: 100 block of Reid Street.

Saint Norbert College has requested that no parking be placed at the 100 and a small section of the 200 block of Reid Street on the north side (between McCormick Hall and Lorraine Hall). This area of Reid Street has several bumpouts where parking would be permitted. It would be restricted at the location where the street narrows. The street width from the center of the road to the face of the curb in those areas is only 11 feet wide. This is not adequate width for a travel lane and parked cars. Additionally, with the student crossings and the loading zones, it is not a safe area to park in combination with pedestrian movements. The parking team reviewed the request and agrees with safety concerns in this block.

Recommendation: Place no parking in the 100 block of Reid Street.

2. Parking: 300 block of Wisconsin Street.

The City has received calls on the parking on the west side of the 300 block of Wisconsin (in front of City Hall). Vehicles are blocking the entrance. Engineering reviewed the design and found that the stalls the stalls in the middle should be increased from 20 to 24 feet long. With the shorter stalls, vehicles are overlapping parking spots and parking too close to the driveway..

Recommendation: The stalls should be re-marked and also pushed back from the driveway entrances to allow drivers to see better entering and leaving City Hall.

Items that were reviewed (No action needed):

1. Parking: 1137-1133 Westwood

It was identified that parking in front of these houses made it difficult for buses to leave the school. After the Police checked with the school, it was determined not be an issue since the majority of buses leave the site heading west. Also based on this review, there was not an issue with turning movements for buses heading to the east.

Next Steps: No further action required.

2. Parking: Marquette Square Parking.

A request was made to provide more long term parking in Marquette Square.

Recommendation: Staff will create a survey for the businesses to complete and also work with Definitely De Pere to solicit input on parking needs in Marquette Square.

3. Safety: Signage for the impaired

The City received a sign request for a hearing impaired individual at Grant and Suburban. The Team reviewed the request and is trying to determine how to develop a consistent policy. There have been warning similar signs used in the City in the past. There are several concerns with the use of these signs as follows:

- When the novelty of the sign wears off, the signs no longer attract attention of regular motorists.
- Staff has no way of documenting/tracking when the person who requested the sign has moved, thus warranting sign removal.
- These signs provide a false sense of security to the person requesting the sign.
- Staff has not been able to identify studies documenting the proven effectiveness.

Next Steps: Staff is recommending that the City do not install impaired signage as a policy since it is not effective in protecting the individual(s).

4. Safety: Pedestrian sign on Grant at Apollo Way.

There was a request for a ground pedestrian sign to be left out all summer at this crossing. The team reviewed the intersection and it has been identified with both a cross walk and also special pedestrian signage from both directions. The City has a limited number of ground pedestrian signs and they have been used more in the downtown or directly by schools. Staff is also concerned that the signage would be stolen at this location. Given these factors, the team is recommending that additional signage not be installed at this time. Staff will work on trying to identify the critical areas where the limited pedestrian signage should be placed. This will be used to determine placements of these signs in the future.

Next Steps: At this time, no action is required.

5. Safety: Addition of a crosswalk of Ninth Street at Apollo Way

There was a request for a crosswalk on Ninth at Apollo Way. Currently, there are crosswalks on Ninth Street at Lois Street and Ninth Street at Park Street. The policy for crosswalks on arterial and collector streets such as Ninth Street is the following:

- The new crosswalk is more than 300 feet from the next street.
- There is adequate demand to justify the crosswalk.
- The location has adequate site distance.
- The crosswalk be constructed to be compliant with the American with Disabilities Act.

Next Steps: A new crosswalk would be within 300 feet of an existing crosswalk. Staff is recommending that the crosswalk not be constructed.

6. Safety: Parking in front of Schuldes Sports Center.

Saint Norbert requested that parking be pushed back from the southeast corner of Marsh and 3rd. There was concern for students in wheelchairs not being able to see when entering the crosswalk. Staff met with SNC and discussed the issue. The parking is pushed back from the intersection at this time; however SNC is request it get pushed back an additional 2 stalls (48 feet). Before moving forward, SNC has applied for a grant for pedestrian crossing signage. Both parties agreed to wait until confirmation on the grant.

Next Steps: At this time, no action is required.

Respectfully Submitted:

Lieutenant Chad Opicka
Eric Rakers
Ken Pabich

De Pere Police Department
De Pere Engineering
De Pere City Planner