



Board of Public Works

Regular Meeting

335 South Broadway
De Pere, WI 54115
<http://www.de-pere.org>

Agenda

Monday, March 13, 2017

7:30 PM

De Pere City Hall Council Chambers

Pursuant to Wisconsin Statutes 19.84, 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 **March 13, 2017** at **7:30 PM** in the **De Pere City Hall Council Chambers, 335 S. Broadway Street, De Pere, WI 54115**.

This meeting can be viewed LIVE at www.depere.tv. This meeting is also rebroadcast on TW Cable Channel 4 and AT&T U-verse Channel 99 throughout the week and available on demand at www.depere.tv.

I. Call to Order

1. Roll Call

II. Public Comment

III. Items

1. Approval of the BOPW January 13, 2017 Meeting Minutes.
2. Consider Award of Contract for Project 17-01 Sewer & Water Relay & Street Resurfacing.*
3. Consider Award of Contract for Project 17-02 Huron Street Reconstruction & Utility Relay.*
4. Consider Award of Contract for Project 17-03 Sewer Lining-CIPP.*
5. Consider Award of Contract for Project 17-15 Sewer Cleaning and Televising.*
6. Consider Quote for 2017 Materials Testing and Soil Borings.*
7. Consider 2016 Annual Wisconsin Department of Natural Resources MS4 General Permit.*
8. Consider Leak Detection Survey.*

IV. Future Agenda Items

V. Adjournment

***Items with an asterisk require City Council approval.**

Any person wishing to attend this meeting who, because of disability, requires special accommodations should contact the Clerk-Treasurer's office at 339-4050 by Noon, Monday March 13, 2017 so that arrangements can be made.

Agenda Sent To:

Mayor
Alderpersons
Department Heads
TV, Newspapers & Radio Stations
Kress Family Library

Jossart Brothers, Inc.
Kruczek Construction, Inc.
Insituform Technologies USA, Inc.
Speedy Clean Drain and Sewer

De Pere Chamber of Commerce
Definitely De Pere

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.

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 13, 2017

DEPARTMENT: Public Works

FROM: Pam Denis

SUBJECT: Approval of the BOPW January 13, 2017 Meeting Minutes.

ATTACHMENTS:

- CE_BOPW February 13, 2017 Draft Meeting Minutes (PDF)



Board of Public Works

Regular Meeting

335 South Broadway
De Pere, WI 54115
<http://www.de-pere.org>

Draft Minutes

Monday, February 13, 2017 7:30 PM De Pere City Hall Council Chambers

I. Call to Order

The meeting was called to order at 7:30 PM by Mayor Michael J. Walsh

Attendee Name	Title	Status	Arrived
James Boyd	Aldersperson	Present	
Dan Carpenter	Aldersperson	Present	
Ryan Jennings	Aldersperson	Present	
Dean Raasch	Aldersperson	Present	
Michael J. Walsh	Mayor	Present	

Others present were Scott Thoresen, Director of Public Works, Eric Rakers, City Engineer, and Pam Denis, Recording Secretary.

II. Public Comment

None.

III. Items

- Approval of the BOPW January 9, 2017 Meeting Minutes.

Aldersperson Raasch moved to approve the Board of Public Works January 9, 2017 meeting minutes, Aldersperson Carpenter seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dean Raasch, Aldersperson
SECONDER:	Dan Carpenter, Aldersperson
AYES:	Boyd, Carpenter, Jennings, Raasch, Walsh

- Consider Award of Contract for Project 16-20 Dumpster Enclosure Construction Rebid.*

Scott Thoresen, Director of Public Works, reviewed the history of the dumpster enclosure construction project rebid. He presented alternate layouts for the parking at Nicolet Square to accommodate dumpsters. Discussion followed, including, but not limited to: the traffic flow, the striping of stalls, the private parking in Nicolet Square, and the assessment fee. Director Thoresen stated that a public information meeting was held on Monday, February 6, 2017 for affected property owners to discuss the rebidding construction options. He stated that the goal is to have the construction completed by the end of summer/early fall.

Aldersperson Raasch moved to approve the staff recommendation for the “alternate bid” for dumpster enclosure construction to be awarded to RJM Construction LLC in the amount of \$48,500, Mayor Walsh seconded the motion. Upon vote the motion passed.

Attachment: CE_BOPW February 13, 2017 Draft Meeting Minutes (5554 : Approval of the BOPW January 13, 2017 Meeting Minutes)

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dean Raasch, Alderperson
SECONDER:	Michael J. Walsh, Mayor
AYES:	Boyd, Carpenter, Jennings, Raasch, Walsh

3. Consider 2017 Storm Lateral Assessment Charge - Residential

Eric Rakers, City Engineer, presented the proposed 2017 special assessment costs for residential storm main and laterals. He stated that the proposed Storm Lateral Assessment is \$1,749.92 per each and the proposed Storm Main Assessment is \$400.85 per parcel for a total of \$2,150.77. Discussion followed.

Mayor Walsh moved to approve the 2017 special assessment costs for residential storm main and laterals, Alderperson Boyd seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Michael J. Walsh, Mayor
SECONDER:	James Boyd, Alderperson
AYES:	Boyd, Carpenter, Jennings, Raasch, Walsh

4. Consider 2017 Storm Lateral Assessment Charge - Existing Non-Residential Properties.

Eric Rakers, City Engineer, presented the proposed 2017 Storm Lateral Assessment Charges for existing non-residential properties. He stated that the non-residential properties are assessed differently than the residential properties because of the variance in parcel frontages and lateral sizes (either 6", 8", or 12") to accommodate projected runoff needs. The proposed assessments presented were:

- Storm Main Assessment - \$8.56 per foot of parcel frontage
- Storm Lateral Assessment – 6" - \$2,024.08 per each
- Storm Lateral Assessment – 8" - \$2, 070.85 per each
- Storm Lateral Assessment – 12" - \$2,314.35 per each

Alderperson Raasch moved to approve the 2017 storm assessment for existing commercial areas, Alderperson Carpenter seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dean Raasch, Alderperson
SECONDER:	Dan Carpenter, Alderperson
AYES:	Boyd, Carpenter, Jennings, Raasch, Walsh

5. Consider Approval for the State Municipal Agreement Revisions with the Wisconsin Department of Transportation for STP-U Grant Projects.*

Eric Rakers, City Engineer, explained that the City has obtained grants for three streets under the STP-U grant program. The project is bid through Wisconsin Department of Transportation (WisDOT) and requires a State Municipal Agreement (SMA) between the City and WisDOT. Through this program the City receives grant funding for up to 80% of eligible project costs for Allard Street, Erie Street, and Helena Street. City Engineer Rakers stated that revised construction estimates have shown a need to reallocate federal funds for the construction being done. He stated that \$40,000 of construction funds are being reallocated from Allard with \$20,000 to Erie Street and \$20,000 to Helena Street. A new SMA is required for each project.

Aldersperson Raasch moved to approve the SMA revisions for each project and forward them to the Council for approval, Aldersperson Boyd seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dean Raasch, Aldersperson
SECONDER:	James Boyd, Aldersperson
AYES:	Boyd, Carpenter, Jennings, Raasch, Walsh

6. Consider Updates to 2017 General Conditions & Specifications.

Eric Rakers, City Engineer, presented a list of proposed changes to the 2017 General Conditions and Specifications. Discussion followed. A request was made to have a copy of the redlined edition in addition to the list of changes and the final edition in the agenda packet. It was decided that the redlined edition would be available on line prior to the Board of Public Works meeting in the future.

Mayor Walsh moved to approve the 2017 Standard Specifications, Aldersperson Raasch seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Michael J. Walsh, Mayor
SECONDER:	Dean Raasch, Aldersperson
AYES:	Boyd, Carpenter, Jennings, Raasch, Walsh

7. Consider City Engineer Parking & Traffic Recommendations.

City Engineer Rakers reviewed the parking need recommended by Parking and Traffic.

Aldersperson Carpenter moved to approve signage be added on the north side of Main and Fourth directing the public to parking in the alley north of Main between Third and Fourth Street, Aldersperson Boyd seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dan Carpenter, Aldersperson
SECONDER:	James Boyd, Aldersperson
AYES:	Boyd, Carpenter, Jennings, Raasch, Walsh

8. City Engineer Parking & Traffic Discussion Items.

Eric Rakers, City Engineer, reviewed discussion items from Parking and Traffic that included: Parking and Parking Lot items, Safety and other Requests, Signage and Signals, and Speed items. In each case he explained why no action was required. Engineer Rakers read into the record a letter he had received from a property owner on Fort Howard Avenue who could not make the Board meeting to comment. The letter supported the reduction of the speed limit to 25 or 30 mph along Fort Howard Avenue in De Pere. Discussion followed including data on crash related incidents on Fort Howard Avenue, what the varying speed limits were along Fort Howard Avenue, truck routes.

IV. Future Agenda Items

None.

V. Adjournment

Mayor Walsh moved to adjourn the Board of Public Works meeting, Alderperson Raasch seconded the motion. Upon vote, the motion was passed and the meeting was adjourned at 8:17pm.

Respectfully submitted,
Pam Denis

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 13, 2017

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Consider Award of Contract for Project 17-01 Sewer & Water Relay & Street Resurfacing.*

The Engineering Department received bids on Project 17-01 Sewer and Water Relay and Street Resurfacing on March 2, 2017. This project involves relaying storm sewer and water main at various locations around the City due to the deteriorated condition of the utility. A portion of the proposed work is to be completed in conjunction with WisDOT construction under the City's STP-U Grant. Additionally, the streets will be milled and resurfaced. The bids received are as follows:

Contractor	Amount
Jossart Brothers, Inc.	\$2,011,042.38
Kruczek Construction, Inc.	\$2,139,139.39
PTS Contractors, Inc.	\$2,315,443.00
Dorner, Inc.	\$2,500,772.50
De Groot, Inc.	\$2,545,779.08
David Tenor Corporation	\$2,750,611.00
Advance Construction, Inc.	\$3,074,965.50

The budgeted amount from capital improvement budget is \$2,083,000. Funding will be \$671,500 from general obligation debt, \$278,500 from the sewage revenue fund, \$880,000 from the water utility fund, \$212,000 from the storm water utility fund, and \$41,000 from the Village of Allouez.

Staff recommendation is to accept the bid from Jossart Brothers, Inc. for \$2,011,042.38.

ATTACHMENTS:

- 17-01 Bid Tab(PDF)

PROJECT 17-01 SEWER & WATER RELAY & STREET RESURFACING BID TAB									
				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3	
				JOSSART BROTHERS, INC.		KRUCZEK CONSTRUCTION, INC.		PTS CONTRACTORS, INC.	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
SANITARY SEWER									
SS-01	Remove and Relay 6" or 4" PVC Sanitary Lateral	LF	4,600	\$ 73.00	\$ 335,800.00	\$ 79.00	\$ 363,400.00	\$ 117.00	\$ 538,200.00
SS-02	Provide 12"x6" Wye or 12"x4" Wye	EA	18	\$ 0.01	\$ 0.18	\$ 500.00	\$ 9,000.00	\$ 266.00	\$ 4,788.00
SS-03	Provide 8"x6" Wye or 8"x4" Wye	EA	120	\$ 0.01	\$ 1.20	\$ 365.00	\$ 43,800.00	\$ 137.00	\$ 16,440.00
SS-04	Provide 6" or 4" Saddle to Existing Sanitary Sewer	EA	100	\$ 0.01	\$ 1.00	\$ 67.00	\$ 6,700.00	\$ 116.00	\$ 11,600.00
SS-05	Core Drill Sewer Main and Cap Existing Connection In Manhole	EA	2	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 199.00	\$ 398.00
STORM SEWER									
ST-01	Remove and Replace 15" PVC or RCP Class III Storm Sewer	LF	120	\$ 49.00	\$ 5,880.00	\$ 58.00	\$ 6,960.00	\$ 75.00	\$ 9,000.00
ST-02	Remove and Replace 12" PVC or RCP Class III Storm Sewer	LF	500	\$ 47.00	\$ 23,500.00	\$ 52.00	\$ 26,000.00	\$ 88.00	\$ 44,000.00
ST-03	Remove and Replace 8" PVC Storm Sewer	LF	25	\$ 42.00	\$ 1,050.00	\$ 44.00	\$ 1,100.00	\$ 53.00	\$ 1,325.00
ST-04	Provide 12" PVC or RCP Class III Storm Sewer	LF	520	\$ 45.00	\$ 23,400.00	\$ 40.00	\$ 20,800.00	\$ 52.00	\$ 27,040.00
ST-05	Provide 8" PVC Storm Sewer	LF	1,000	\$ 40.00	\$ 40,000.00	\$ 30.00	\$ 30,000.00	\$ 44.00	\$ 44,000.00
ST-06	Provide 6" PVC Storm Sewer Lateral	LF	2,850	\$ 38.00	\$ 108,300.00	\$ 35.00	\$ 99,750.00	\$ 45.00	\$ 128,250.00
ST-07	Provide 12"X6" Storm Tee	EA	8	\$ 75.00	\$ 600.00	\$ 122.00	\$ 976.00	\$ 121.00	\$ 968.00
ST-08	Provide 8"X6" Storm Tee	EA	18	\$ 50.00	\$ 900.00	\$ 55.00	\$ 990.00	\$ 60.00	\$ 1,080.00
ST-09	Core Drill Existing Main with NPC Kor-N-Tee	EA	29	\$ 125.00	\$ 3,625.00	\$ 270.00	\$ 7,830.00	\$ 284.00	\$ 8,236.00
ST-10	Remove and Replace 4' Diameter Storm Manhole	VF	26	\$ 365.00	\$ 9,490.00	\$ 220.00	\$ 5,720.00	\$ 462.00	\$ 12,012.00
ST-11	Provide 5' Diameter Storm Manhole	VF	5	\$ 560.00	\$ 2,800.00	\$ 497.00	\$ 2,485.00	\$ 507.00	\$ 2,535.00
ST-12	Provide 4' Diameter Storm Manhole	VF	50	\$ 350.00	\$ 17,500.00	\$ 254.00	\$ 12,700.00	\$ 855.00	\$ 42,750.00
ST-13	Remove and Replace Type B Inlet	EA	8	\$ 1,600.00	\$ 12,800.00	\$ 1,430.00	\$ 11,440.00	\$ 1,650.00	\$ 13,200.00
ST-14	Provide Type B Inlet	EA	2	\$ 1,550.00	\$ 3,100.00	\$ 1,430.00	\$ 2,860.00	\$ 1,476.00	\$ 2,952.00
ST-15	Remove and Replace 30" Diameter Field Inlet	VF	5	\$ 1,350.00	\$ 6,750.00	\$ 1,300.00	\$ 6,500.00	\$ 313.00	\$ 1,565.00
ST-16	Remove Storm Sewer Manhole	EA	1	\$ 250.00	\$ 250.00	\$ 650.00	\$ 650.00	\$ 398.00	\$ 398.00
ST-17	Remove Storm Sewer (Var. Diameter)	LF	7	\$ 30.00	\$ 210.00	\$ 300.00	\$ 2,100.00	\$ 78.00	\$ 546.00
ST-18	Core Drill Manhole	EA	2	\$ 250.00	\$ 500.00	\$ 470.00	\$ 940.00	\$ 355.00	\$ 710.00
ST-19	Storm Sewer Dig Down and Repair Offset Joint	EA	1	\$ 1,200.00	\$ 1,200.00	\$ 1,503.39	\$ 1,503.39	\$ 1,361.00	\$ 1,361.00
ST-20	Reconnect to Existing Storm Pipe or Manhole	EA	14	\$ 500.00	\$ 7,000.00	\$ 435.00	\$ 6,090.00	\$ 398.00	\$ 5,572.00
ST-21	Provide 6" HDPE Perforated Drain Pipe	LF	1,100	\$ 22.00	\$ 24,200.00	\$ 13.50	\$ 14,850.00	\$ 21.00	\$ 23,100.00
ST-22	Provide Storm Cleanout	EA	9	\$ 175.00	\$ 1,575.00	\$ 140.00	\$ 1,260.00	\$ 263.00	\$ 2,367.00

PROJECT 17-01 SEWER & WATER RELAY & STREET RESURFACING BID TAB									
				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3	
				JOSSART BROTHERS, INC.		KRUCZEK CONSTRUCTION, INC.		PTS CONTRACTORS, INC.	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
ST-23	Provide Nyloplast Yard Drain	EA	2	\$ 500.00	\$ 1,000.00	\$ 1,300.00	\$ 2,600.00	\$ 675.00	\$ 1,350.00
WATERMAIN									
W-01	Provide 16" PVC Water Main - Open Cut	LF	3,200	\$ 75.00	\$ 240,000.00	\$ 85.00	\$ 272,000.00	\$ 76.00	\$ 243,200.00
W-02	Provide 12" PVC Water Main - Open Cut (Granular Backfill)	LF	270	\$ 86.00	\$ 23,220.00	\$ 80.00	\$ 21,600.00	\$ 146.00	\$ 39,420.00
W-03	Provide 12" PVC Water Main - Open Cut (Natural Backfill)	LF	150	\$ 70.00	\$ 10,500.00	\$ 65.00	\$ 9,750.00	\$ 95.00	\$ 14,250.00
W-04	Provide 10" PVC Water Main - Open Cut	LF	20	\$ 70.00	\$ 1,400.00	\$ 145.00	\$ 2,900.00	\$ 133.00	\$ 2,660.00
W-05	Provide 8" PVC Water Main - Open Cut	LF	3,700	\$ 59.00	\$ 218,300.00	\$ 61.00	\$ 225,700.00	\$ 55.00	\$ 203,500.00
W-06	Provide 1" HDPE Water Service	LF	4,100	\$ 43.00	\$ 176,300.00	\$ 55.00	\$ 225,500.00	\$ 49.00	\$ 200,900.00
W-07	Provide 1" Corporation and Curb Stop	EA	131	\$ 325.00	\$ 42,575.00	\$ 295.00	\$ 38,645.00	\$ 268.00	\$ 35,108.00
W-08	Provide 2" Corporation with Plug/Saddle with 2" HDPE	EA	5	\$ 500.00	\$ 2,500.00	\$ 380.00	\$ 1,900.00	\$ 340.00	\$ 1,700.00
W-09	Provide Hydrant (6.5' Bury)	EA	8	\$ 3,200.00	\$ 25,600.00	\$ 3,325.00	\$ 26,600.00	\$ 3,061.00	\$ 24,488.00
W-10	Provide Hydrant (7.0' Bury)	EA	6	\$ 3,250.00	\$ 19,500.00	\$ 3,435.00	\$ 20,610.00	\$ 3,116.00	\$ 18,696.00
W-11	Provide 6" PVC Water Main - Open Cut	LF	250	\$ 55.00	\$ 13,750.00	\$ 59.00	\$ 14,750.00	\$ 88.00	\$ 22,000.00
W-12	Provide 16" Butterfly Valve	EA	5	\$ 2,750.00	\$ 13,750.00	\$ 2,945.00	\$ 14,725.00	\$ 2,514.00	\$ 12,570.00
W-13	Provide 12" Gate Valve	EA	3	\$ 2,150.00	\$ 6,450.00	\$ 2,040.00	\$ 6,120.00	\$ 1,927.00	\$ 5,781.00
W-14	Provide 10" Gate Valve	EA	2	\$ 1,750.00	\$ 3,500.00	\$ 1,700.00	\$ 3,400.00	\$ 1,611.00	\$ 3,222.00
W-15	Provide 8" Gate Valve	EA	17	\$ 1,200.00	\$ 20,400.00	\$ 1,115.00	\$ 18,955.00	\$ 1,108.00	\$ 18,836.00
W-16	Replace 8" Gate Valve	EA	5	\$ 2,500.00	\$ 12,500.00	\$ 1,830.00	\$ 9,150.00	\$ 1,175.00	\$ 5,875.00
W-17	Provide 6" Gate Valve	EA	7	\$ 900.00	\$ 6,300.00	\$ 835.00	\$ 5,845.00	\$ 802.00	\$ 5,614.00
W-18	Provide Connection to Existing Water Main	EA	31	\$ 1,750.00	\$ 54,250.00	\$ 1,325.00	\$ 41,075.00	\$ 1,098.00	\$ 34,038.00
W-19	ITEM DELETED				\$ -		\$ -		\$ -
W-20	Provide Connection to Existing Water Main 8"x8" Tapping Tee and Valve	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 2,900.00	\$ 2,900.00	\$ 3,796.00	\$ 3,796.00
W-21	Provide 12" Bore and Jack with 20" Steel Casing (Minimum)	LF	110	\$ 435.00	\$ 47,850.00	\$ 265.00	\$ 29,150.00	\$ 339.00	\$ 37,290.00
W-22	Provide 8" PVC Water Main - Directional Drill or Bore and Jack	LF	350	\$ 45.00	\$ 15,750.00	\$ 55.00	\$ 19,250.00	\$ 61.00	\$ 21,350.00
W-23	Abandon/Remove Water Main and Appurtenances	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 25,500.00	\$ 25,500.00	\$ 8,638.00	\$ 8,638.00
W-24	Watermain Offset	EA	7	\$ 2,500.00	\$ 17,500.00	\$ 3,000.00	\$ 21,000.00	\$ 4,018.00	\$ 28,126.00

PROJECT 17-01 SEWER & WATER RELAY & STREET RESURFACING BID TAB									
				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3	
				JOSSART BROTHERS, INC.		KRUCZEK CONSTRUCTION, INC.		PTS CONTRACTORS, INC.	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
STREET AND DRAINAGE									
SD-01	Unclassified Excavation	CY	130	\$ 12.00	\$ 1,560.00	\$ 20.00	\$ 2,600.00	\$ 29.00	\$ 3,770.00
SD-02	Provide 1 1/4" Crushed Aggregate Base Course	TON	140	\$ 12.00	\$ 1,680.00	\$ 15.00	\$ 2,100.00	\$ 15.00	\$ 2,100.00
SD-03	Provide Asphaltic Concrete Pavement Type 4 LT 58-28 S, Overlay or Upper Layer	TON	1,800	\$ 55.91	\$ 100,638.00	\$ 54.00	\$ 97,200.00	\$ 54.00	\$ 97,200.00
SD-04	Provide Asphaltic Concrete Pavement Type 3 LT 58-28 S, Lower Layer	TON	1,400	\$ 52.95	\$ 74,130.00	\$ 52.00	\$ 72,800.00	\$ 51.00	\$ 71,400.00
SD-05	Remove and Replace Concrete Curb & Gutter	LF	1,650	\$ 27.00	\$ 44,550.00	\$ 27.00	\$ 44,550.00	\$ 27.00	\$ 44,550.00
SD-06	Remove and Replace 18" Integral Curb and Gutter	LF	25	\$ 20.00	\$ 500.00	\$ 20.00	\$ 500.00	\$ 19.00	\$ 475.00
SD-07	Remove and Replace Reinforced Concrete Pavement-9 Inch	SY	80	\$ 83.00	\$ 6,640.00	\$ 66.00	\$ 5,280.00	\$ 65.00	\$ 5,200.00
SD-08	Remove and Replace Concrete Sidewalk or Driveway-8 Inch	SY	20	\$ 72.00	\$ 1,440.00	\$ 61.00	\$ 1,220.00	\$ 57.00	\$ 1,140.00
SD-09	Remove and Replace Concrete Sidewalk or Driveway-6 Inch	SY	300	\$ 56.00	\$ 16,800.00	\$ 48.00	\$ 14,400.00	\$ 51.00	\$ 15,300.00
SD-10	Remove and Replace Concrete Sidewalk-4 Inch	SY	1,600	\$ 38.00	\$ 60,800.00	\$ 38.25	\$ 61,200.00	\$ 39.00	\$ 62,400.00
SD-11	Remove Concrete Sidewalk and Ramps	SY	350	\$ 8.00	\$ 2,800.00	\$ 5.00	\$ 1,750.00	\$ 5.80	\$ 2,030.00
SD-12	Mill Asphaltic Concrete Pavement	SY	14,600	\$ 2.32	\$ 33,872.00	\$ 2.00	\$ 29,200.00	\$ 2.25	\$ 32,850.00
SD-13	Provide #4 Reinforcement Bars for Curb and Sidewalk	LF	6,400	\$ 0.75	\$ 4,800.00	\$ 0.80	\$ 5,120.00	\$ 0.70	\$ 4,480.00
SD-14	Drill into Existing Curb and Gutter and Sidewalk	EA	1,500	\$ 5.25	\$ 7,875.00	\$ 5.00	\$ 7,500.00	\$ 5.00	\$ 7,500.00
SD-15	Provide Detectable Warning Field (Natural)	EA	2	\$ 265.00	\$ 530.00	\$ 260.00	\$ 520.00	\$ 259.00	\$ 518.00
SD-16	Landscaping-Topsoil, Seed, Fertilize, and Mulch-No. 40 Seed Mix	SY	1,550	\$ 5.00	\$ 7,750.00	\$ 4.00	\$ 6,200.00	\$ 5.00	\$ 7,750.00
SPECIAL CONSTRUCTION									
SC-01	Pipe Foundation Stabilization	CY	100	\$ 10.00	\$ 1,000.00	\$ 13.00	\$ 1,300.00	\$ 0.01	\$ 1.00
SC-02	Inlet Protection Type B	EA	65	\$ 75.00	\$ 4,875.00	\$ 40.00	\$ 2,600.00	\$ 41.00	\$ 2,665.00
SC-03	Adjust Inlet	EA	7	\$ 400.00	\$ 2,800.00	\$ 380.00	\$ 2,660.00	\$ 481.00	\$ 3,367.00
SC-04	ITEM DELETED				\$ -		\$ -		\$ -
SC-05	Adjust Manhole	EA	21	\$ 350.00	\$ 7,350.00	\$ 380.00	\$ 7,980.00	\$ 369.00	\$ 7,749.00
SC-06	Adjust Water Valve Box	EA	7	\$ 100.00	\$ 700.00	\$ 190.00	\$ 1,330.00	\$ 145.00	\$ 1,015.00
SC-07	Reconstruct Manhole	VF	11	\$ 375.00	\$ 4,125.00	\$ 800.00	\$ 8,800.00	\$ 332.00	\$ 3,652.00
SC-08	Traffic Control (Fort Howard Ave at Parkview Road)	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 14,300.00	\$ 14,300.00	\$ 1,530.00	\$ 1,530.00
					\$ 2,011,042.38		\$ 2,139,139.39		\$ 2,315,443.00

PROJECT 17-01 SEWER & WATER RELAY & STREET RESURFACING BID TAB											
				BIDDER NO. 4		BIDDER NO. 5		BIDDER NO. 6		BIDDER NO. 7	
				DORNER, INC.		DE GROOT, INC.		DAVID TENOR CORPORATION		ADVANCE CONSTRUCTION INC.	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
SANITARY SEWER											
SS-01	Remove and Relay 6" or 4" PVC Sanitary Lateral	LF	4,600	\$ 120.00	\$ 552,000.00	\$ 91.51	\$ 420,946.00	\$ 136.00	\$ 625,600.00	\$ 140.00	\$ 644,000.00
SS-02	Provide 12"x6" Wye or 12"x4" Wye	EA	18	\$ 650.00	\$ 11,700.00	\$ 2,780.80	\$ 50,054.40	\$ 416.00	\$ 7,488.00	\$ 3,000.00	\$ 54,000.00
SS-03	Provide 8"x6" Wye or 8"x4" Wye	EA	120	\$ 500.00	\$ 60,000.00	\$ 1,943.93	\$ 233,271.60	\$ 300.00	\$ 36,000.00	\$ 1,615.00	\$ 193,800.00
SS-04	Provide 6" or 4" Saddle to Existing Sanitary Sewer	EA	100	\$ 450.00	\$ 45,000.00	\$ 1,254.72	\$ 125,472.00	\$ 300.00	\$ 30,000.00	\$ 1,115.00	\$ 111,500.00
SS-05	Core Drill Sewer Main and Cap Existing Connection In Manhole	EA	2	\$ 1,100.00	\$ 2,200.00	\$ 1,767.50	\$ 3,535.00	\$ 750.00	\$ 1,500.00	\$ 1,115.00	\$ 2,230.00
STORM SEWER											
ST-01	Remove and Replace 15" PVC or RCP Class III Storm Sewer	LF	120	\$ 50.00	\$ 6,000.00	\$ 63.56	\$ 7,627.20	\$ 62.00	\$ 7,440.00	\$ 80.00	\$ 9,600.00
ST-02	Remove and Replace 12" PVC or RCP Class III Storm Sewer	LF	500	\$ 49.00	\$ 24,500.00	\$ 53.06	\$ 26,530.00	\$ 59.00	\$ 29,500.00	\$ 77.00	\$ 38,500.00
ST-03	Remove and Replace 8" PVC Storm Sewer	LF	25	\$ 39.00	\$ 975.00	\$ 43.43	\$ 1,085.75	\$ 52.00	\$ 1,300.00	\$ 68.00	\$ 1,700.00
ST-04	Provide 12" PVC or RCP Class III Storm Sewer	LF	520	\$ 42.00	\$ 21,840.00	\$ 43.60	\$ 22,672.00	\$ 61.00	\$ 31,720.00	\$ 75.00	\$ 39,000.00
ST-05	Provide 8" PVC Storm Sewer	LF	1,000	\$ 39.00	\$ 39,000.00	\$ 40.56	\$ 40,560.00	\$ 52.00	\$ 52,000.00	\$ 65.00	\$ 65,000.00
ST-06	Provide 6" PVC Storm Sewer Lateral	LF	2,850	\$ 41.00	\$ 116,850.00	\$ 31.65	\$ 90,202.50	\$ 41.00	\$ 116,850.00	\$ 50.00	\$ 142,500.00
ST-07	Provide 12"X6" Storm Tee	EA	8	\$ 125.00	\$ 1,000.00	\$ 261.59	\$ 2,092.72	\$ 205.00	\$ 1,640.00	\$ 130.00	\$ 1,040.00
ST-08	Provide 8"X6" Storm Tee	EA	18	\$ 65.00	\$ 1,170.00	\$ 199.98	\$ 3,599.64	\$ 100.00	\$ 1,800.00	\$ 50.00	\$ 900.00
ST-09	Core Drill Existing Main with NPC Kor-N-Tee	EA	29	\$ 350.00	\$ 10,150.00	\$ 406.40	\$ 11,785.60	\$ 300.00	\$ 8,700.00	\$ 130.00	\$ 3,770.00
ST-10	Remove and Replace 4' Diameter Storm Manhole	VF	26	\$ 400.00	\$ 10,400.00	\$ 445.51	\$ 11,583.26	\$ 440.00	\$ 11,440.00	\$ 400.00	\$ 10,400.00
ST-11	Provide 5' Diameter Storm Manhole	VF	5	\$ 510.00	\$ 2,550.00	\$ 707.13	\$ 3,535.65	\$ 605.00	\$ 3,025.00	\$ 485.00	\$ 2,425.00
ST-12	Provide 4' Diameter Storm Manhole	VF	50	\$ 400.00	\$ 20,000.00	\$ 467.87	\$ 23,393.50	\$ 435.00	\$ 21,750.00	\$ 350.00	\$ 17,500.00
ST-13	Remove and Replace Type B Inlet	EA	8	\$ 1,650.00	\$ 13,200.00	\$ 1,792.75	\$ 14,342.00	\$ 1,750.00	\$ 14,000.00	\$ 2,700.00	\$ 21,600.00
ST-14	Provide Type B Inlet	EA	2	\$ 1,650.00	\$ 3,300.00	\$ 1,767.50	\$ 3,535.00	\$ 1,700.00	\$ 3,400.00	\$ 1,750.00	\$ 3,500.00
ST-15	Remove and Replace 30" Diameter Field Inlet	VF	5	\$ 425.00	\$ 2,125.00	\$ 1,818.00	\$ 9,090.00	\$ 290.00	\$ 1,450.00	\$ 350.00	\$ 1,750.00
ST-16	Remove Storm Sewer Manhole	EA	1	\$ 500.00	\$ 500.00	\$ 353.50	\$ 353.50	\$ 400.00	\$ 400.00	\$ 450.00	\$ 450.00
ST-17	Remove Storm Sewer (Var. Diameter)	LF	7	\$ 30.00	\$ 210.00	\$ 25.25	\$ 176.75	\$ 40.00	\$ 280.00	\$ 125.00	\$ 875.00
ST-18	Core Drill Manhole	EA	2	\$ 350.00	\$ 700.00	\$ 555.50	\$ 1,111.00	\$ 800.00	\$ 1,600.00	\$ 125.00	\$ 250.00
ST-19	Storm Sewer Dig Down and Repair Offset Joint	EA	1	\$ 3,000.00	\$ 3,000.00	\$ 1,515.00	\$ 1,515.00	\$ 2,000.00	\$ 2,000.00	\$ 3,500.00	\$ 3,500.00
ST-20	Reconnect to Existing Storm Pipe or Manhole	EA	14	\$ 500.00	\$ 7,000.00	\$ 656.50	\$ 9,191.00	\$ 900.00	\$ 12,600.00	\$ 480.00	\$ 6,720.00
ST-21	Provide 6" HDPE Perforated Drain Pipe	LF	1,100	\$ 24.00	\$ 26,400.00	\$ 15.91	\$ 17,501.00	\$ 20.00	\$ 22,000.00	\$ 30.00	\$ 33,000.00
ST-22	Provide Storm Cleanout	EA	9	\$ 225.00	\$ 2,025.00	\$ 241.28	\$ 2,171.52	\$ 300.00	\$ 2,700.00	\$ 288.00	\$ 2,592.00

**PROJECT 17-01 SEWER & WATER RELAY & STREET RESURFACING
BID TAB**



				BIDDER NO. 4		BIDDER NO. 5		BIDDER NO. 6		BIDDER NO. 7	
				DORNER, INC.		DE GROOT, INC.		DAVID TENOR CORPORATION		ADVANCE CONSTRUCTION INC.	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
ST-23	Provide Nyloplast Yard Drain	EA	2	\$ 2,600.00	\$ 5,200.00	\$ 782.75	\$ 1,565.50	\$ 950.00	\$ 1,900.00	\$ 800.00	\$ 1,600.00
WATERMAIN											
W-01	Provide 16" PVC Water Main - Open Cut	LF	3,200	\$ 84.00	\$ 268,800.00	\$ 73.46	\$ 235,072.00	\$ 87.00	\$ 278,400.00	\$ 110.00	\$ 352,000.00
W-02	Provide 12" PVC Water Main - Open Cut (Granular Backfill)	LF	270	\$ 78.00	\$ 21,060.00	\$ 86.04	\$ 23,230.80	\$ 75.00	\$ 20,250.00	\$ 175.00	\$ 47,250.00
W-03	Provide 12" PVC Water Main - Open Cut (Natural Backfill)	LF	150	\$ 36.00	\$ 5,400.00	\$ 52.40	\$ 7,860.00	\$ 65.00	\$ 9,750.00	\$ 150.00	\$ 22,500.00
W-04	Provide 10" PVC Water Main - Open Cut	LF	20	\$ 105.00	\$ 2,100.00	\$ 58.92	\$ 1,178.40	\$ 125.00	\$ 2,500.00	\$ 80.00	\$ 1,600.00
W-05	Provide 8" PVC Water Main - Open Cut	LF	3,700	\$ 64.00	\$ 236,800.00	\$ 53.21	\$ 196,877.00	\$ 76.00	\$ 281,200.00	\$ 72.00	\$ 266,400.00
W-06	Provide 1" HDPE Water Service	LF	4,100	\$ 41.00	\$ 168,100.00	\$ 38.67	\$ 158,547.00	\$ 62.00	\$ 254,200.00	\$ 46.00	\$ 188,600.00
W-07	Provide 1" Corporation and Curb Stop	EA	131	\$ 885.00	\$ 115,935.00	\$ 673.85	\$ 88,274.35	\$ 330.00	\$ 43,230.00	\$ 450.00	\$ 58,950.00
W-08	Provide 2" Corporation with Plug/Saddle with 2" HDPE	EA	5	\$ 1,100.00	\$ 5,500.00	\$ 797.90	\$ 3,989.50	\$ 900.00	\$ 4,500.00	\$ 900.00	\$ 4,500.00
W-09	Provide Hydrant (6.5' Bury)	EA	8	\$ 3,200.00	\$ 25,600.00	\$ 3,305.73	\$ 26,445.84	\$ 3,300.00	\$ 26,400.00	\$ 3,550.00	\$ 28,400.00
W-10	Provide Hydrant (7.0' Bury)	EA	6	\$ 3,300.00	\$ 19,800.00	\$ 3,366.66	\$ 20,199.96	\$ 3,300.00	\$ 19,800.00	\$ 3,650.00	\$ 21,900.00
W-11	Provide 6" PVC Water Main - Open Cut	LF	250	\$ 34.00	\$ 8,500.00	\$ 53.61	\$ 13,402.50	\$ 62.00	\$ 15,500.00	\$ 60.00	\$ 15,000.00
W-12	Provide 16" Butterfly Valve	EA	5	\$ 2,700.00	\$ 13,500.00	\$ 2,873.45	\$ 14,367.25	\$ 2,800.00	\$ 14,000.00	\$ 2,650.00	\$ 13,250.00
W-13	Provide 12" Gate Valve	EA	3	\$ 2,500.00	\$ 7,500.00	\$ 2,163.42	\$ 6,490.26	\$ 2,000.00	\$ 6,000.00	\$ 2,000.00	\$ 6,000.00
W-14	Provide 10" Gate Valve	EA	2	\$ 2,000.00	\$ 4,000.00	\$ 1,852.34	\$ 3,704.68	\$ 1,685.00	\$ 3,370.00	\$ 1,610.00	\$ 3,220.00
W-15	Provide 8" Gate Valve	EA	17	\$ 1,300.00	\$ 22,100.00	\$ 1,354.41	\$ 23,024.97	\$ 1,175.00	\$ 19,975.00	\$ 1,100.00	\$ 18,700.00
W-16	Replace 8" Gate Valve	EA	5	\$ 3,000.00	\$ 15,000.00	\$ 2,751.24	\$ 13,756.20	\$ 3,700.00	\$ 18,500.00	\$ 5,165.00	\$ 25,825.00
W-17	Provide 6" Gate Valve	EA	7	\$ 1,000.00	\$ 7,000.00	\$ 1,008.99	\$ 7,062.93	\$ 950.00	\$ 6,650.00	\$ 800.00	\$ 5,600.00
W-18	Provide Connection to Existing Water Main	EA	31	\$ 1,250.00	\$ 38,750.00	\$ 2,249.01	\$ 69,719.31	\$ 1,200.00	\$ 37,200.00	\$ 2,000.00	\$ 62,000.00
W-19	ITEM DELETED				\$ -		\$ -		\$ -		\$ -
W-20	Provide Connection to Existing Water Main 8"x8" Tapping Tee and Valve	EA	1	\$ 3,600.00	\$ 3,600.00	\$ 3,576.41	\$ 3,576.41	\$ 3,400.00	\$ 3,400.00	\$ 4,000.00	\$ 4,000.00
W-21	Provide 12" Bore and Jack with 20" Steel Casing (Minimum)	LF	110	\$ 425.00	\$ 46,750.00	\$ 257.22	\$ 28,294.20	\$ 500.00	\$ 55,000.00	\$ 365.00	\$ 40,150.00
W-22	Provide 8" PVC Water Main - Directional Drill or Bore and Jack	LF	350	\$ 56.00	\$ 19,600.00	\$ 62.05	\$ 21,717.50	\$ 52.00	\$ 18,200.00	\$ 135.00	\$ 47,250.00
W-23	Abandon/Remove Water Main and Appurtenances	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 5,050.00	\$ 5,050.00	\$ 32,000.00	\$ 32,000.00	\$ 6,300.00	\$ 6,300.00
W-24	Watermain Offset	EA	7	\$ 3,000.00	\$ 21,000.00	\$ 3,967.86	\$ 27,775.02	\$ 3,000.00	\$ 21,000.00	\$ 4,200.00	\$ 29,400.00

**PROJECT 17-01 SEWER & WATER RELAY & STREET RESURFACING
BID TAB**



				BIDDER NO. 4		BIDDER NO. 5		BIDDER NO. 6		BIDDER NO. 7	
				DORNER, INC.		DE GROOT, INC.		DAVID TENOR CORPORATION		ADVANCE CONSTRUCTION INC.	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
STREET AND DRAINAGE											
SD-01	Unclassified Excavation	CY	130	\$ 30.00	\$ 3,900.00	\$ 15.15	\$ 1,969.50	\$ 25.00	\$ 3,250.00	\$ 16.00	\$ 2,080.00
SD-02	Provide 1 1/4" Crushed Aggregate Base Course	TON	140	\$ 15.00	\$ 2,100.00	\$ 21.23	\$ 2,972.20	\$ 24.00	\$ 3,360.00	\$ 12.50	\$ 1,750.00
SD-03	Provide Asphaltic Concrete Pavement Type 4 LT 58-28 S, Overlay or Upper Layer	TON	1,800	\$ 54.50	\$ 98,100.00	\$ 55.40	\$ 99,720.00	\$ 60.00	\$ 108,000.00	\$ 53.25	\$ 95,850.00
SD-04	Provide Asphaltic Concrete Pavement Type 3 LT 58-28 S, Lower Layer	TON	1,400	\$ 51.25	\$ 71,750.00	\$ 52.46	\$ 73,444.00	\$ 88.27	\$ 123,578.00	\$ 50.43	\$ 70,602.00
SD-05	Remove and Replace Concrete Curb & Gutter	LF	1,650	\$ 30.00	\$ 49,500.00	\$ 27.75	\$ 45,787.50	\$ 30.00	\$ 49,500.00	\$ 26.25	\$ 43,312.50
SD-06	Remove and Replace 18" Integral Curb and Gutter	LF	25	\$ 25.50	\$ 637.50	\$ 15.91	\$ 397.75	\$ 20.00	\$ 500.00	\$ 22.00	\$ 550.00
SD-07	Remove and Replace Reinforced Concrete Pavement-9 Inch	SY	80	\$ 75.00	\$ 6,000.00	\$ 70.27	\$ 5,621.60	\$ 68.50	\$ 5,480.00	\$ 64.00	\$ 5,120.00
SD-08	Remove and Replace Concrete Sidewalk or Driveway-8 Inch	SY	20	\$ 65.00	\$ 1,300.00	\$ 59.59	\$ 1,191.80	\$ 63.00	\$ 1,260.00	\$ 58.95	\$ 1,179.00
SD-09	Remove and Replace Concrete Sidewalk or Driveway-6 Inch	SY	300	\$ 55.00	\$ 16,500.00	\$ 53.34	\$ 16,002.00	\$ 56.00	\$ 16,800.00	\$ 53.33	\$ 15,999.00
SD-10	Remove and Replace Concrete Sidewalk-4 Inch	SY	1,600	\$ 50.00	\$ 80,000.00	\$ 44.16	\$ 70,656.00	\$ 44.00	\$ 70,400.00	\$ 44.50	\$ 71,200.00
SD-11	Remove Concrete Sidewalk and Ramps	SY	350	\$ 12.50	\$ 4,375.00	\$ 4.04	\$ 1,414.00	\$ 6.50	\$ 2,275.00	\$ 5.00	\$ 1,750.00
SD-12	Mill Asphaltic Concrete Pavement	SY	14,600	\$ 2.25	\$ 32,850.00	\$ 2.30	\$ 33,580.00	\$ 2.35	\$ 34,310.00	\$ 2.21	\$ 32,266.00
SD-13	Provide #4 Reinforcement Bars for Curb and Sidewalk	LF	6,400	\$ 0.75	\$ 4,800.00	\$ 0.76	\$ 4,864.00	\$ 0.85	\$ 5,440.00	\$ 0.70	\$ 4,480.00
SD-14	Drill into Existing Curb and Gutter and Sidewalk	EA	1,500	\$ 5.10	\$ 7,650.00	\$ 5.20	\$ 7,800.00	\$ 5.50	\$ 8,250.00	\$ 6.00	\$ 9,000.00
SD-15	Provide Detectable Warning Field (Natural)	EA	2	\$ 260.00	\$ 520.00	\$ 265.28	\$ 530.56	\$ 275.00	\$ 550.00	\$ 255.00	\$ 510.00
SD-16	Landscaping-Topsoil, Seed, Fertilize, and Mulch-No. 40 Seed Mix	SY	1,550	\$ 7.50	\$ 11,625.00	\$ 8.08	\$ 12,524.00	\$ 7.00	\$ 10,850.00	\$ 5.40	\$ 8,370.00
SPECIAL CONSTRUCTION											
SC-01	Pipe Foundation Stabilization	CY	100	\$ 25.00	\$ 2,500.00	\$ 15.15	\$ 1,515.00	\$ 20.00	\$ 2,000.00	\$ 22.00	\$ 2,200.00
SC-02	Inlet Protection Type B	EA	65	\$ 125.00	\$ 8,125.00	\$ 35.35	\$ 2,297.75	\$ 50.00	\$ 3,250.00	\$ 40.00	\$ 2,600.00
SC-03	Adjust Inlet	EA	7	\$ 500.00	\$ 3,500.00	\$ 555.50	\$ 3,888.50	\$ 350.00	\$ 2,450.00	\$ 500.00	\$ 3,500.00
SC-04	ITEM DELETED				\$ -		\$ -		\$ -		\$ -
SC-05	Adjust Manhole	EA	21	\$ 500.00	\$ 10,500.00	\$ 606.00	\$ 12,726.00	\$ 400.00	\$ 8,400.00	\$ 500.00	\$ 10,500.00
SC-06	Adjust Water Valve Box	EA	7	\$ 250.00	\$ 1,750.00	\$ 126.25	\$ 883.75	\$ 200.00	\$ 1,400.00	\$ 100.00	\$ 700.00
SC-07	Reconstruct Manhole	VF	11	\$ 400.00	\$ 4,400.00	\$ 555.50	\$ 6,110.50	\$ 1,200.00	\$ 13,200.00	\$ 450.00	\$ 4,950.00
SC-08	Traffic Control (Fort Howard Ave at Parkview Road)	LS	1	\$ 3,000.00	\$ 3,000.00	\$ 1,767.50	\$ 1,767.50	\$ 35,000.00	\$ 35,000.00	\$ 4,000.00	\$ 4,000.00
				\$ 2,500,772.50		\$ 2,545,779.08		\$ 2,750,611.00		\$ 3,074,960.00	

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 13, 2017

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Consider Award of Contract for Project 17-02 Huron Street Reconstruction & Utility Relay.*

The Engineering Department received bids on Project 17-02 Street Reconstruction on March 2, 2017. The project consists of utility relay due to deteriorated conditions on Huron Street. The bids received are as follows:

Contractor	Amount
Kruczek Construction, Inc.	\$1,082,182.82
David Tenor Corporation	\$1,114,627.94
Jossart Brothers, Inc.	\$1,119,170.35
Dorner, Inc.	\$1,141,207.85
De Groot, Inc.	\$1,167,443.33
Peters Concrete Co.	\$1,180,538.70
Feaker & Sons Co. Inc.	\$1,197,743.74
Vinton Construction Company	\$1,213,987.87
PTS Contractors, Inc.	\$1,223,920.60
Wood Sewer & Excavating, Inc.	\$1,278,605.00
Advance Construction	\$1,298,297.75

The budgeted amount from capital improvement budget is \$1,104,000. Funding will be \$540,000 from general obligation debt, \$43,000 from the sewage revenue fund, \$250,000 from the water utility fund, and \$271,000 from the storm water utility fund.

Staff recommendation is to accept the bid from Kruczek Construction, Inc. for \$1,082,182.82.

ATTACHMENTS:

- 17-02 Bid Tab(PDF)

**PROJECT 17-02 HURON STREET RECONSTRUCTION & UTILITY
RELAY
BID TAB**



				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3		BIDDER NO. 4	
				KRUCZEK CONSTRUCTION INC.		DAVID TENOR CORPORATION		JOSSART BROTHERS, INC.		DORNER, INC.	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
SANITARY SEWER											
SS-01	Provide 8" PVC Sanitary Sewer	LF	605	\$ 69.00	\$ 41,745.00	\$ 60.00	\$ 36,300.00	\$ 75.00	\$ 45,375.00	\$ 80.00	\$ 48,400.00
SS-02	Provide 4" PVC Sanitary Sewer Lateral	LF	180	\$ 59.00	\$ 10,620.00	\$ 51.00	\$ 9,180.00	\$ 54.00	\$ 9,720.00	\$ 68.00	\$ 12,240.00
SS-03	Provide 8"X4" Sanitary Wye	EA	6	\$ 55.00	\$ 330.00	\$ 80.00	\$ 480.00	\$ 75.00	\$ 450.00	\$ 45.00	\$ 270.00
SS-04	Provide 4' Diameter Sanitary Sewer Manhole	VF	34	\$ 250.00	\$ 8,500.00	\$ 315.00	\$ 10,710.00	\$ 310.00	\$ 10,540.00	\$ 250.00	\$ 8,500.00
SS-05	Remove and Replace Sanitary Sewer Manhole	VF	12	\$ 280.00	\$ 3,360.00	\$ 330.00	\$ 3,960.00	\$ 245.00	\$ 2,940.00	\$ 450.00	\$ 5,400.00
SS-06	Connect to Existing Sanitary Sewer Pipe	EA	5	\$ 325.00	\$ 1,625.00	\$ 350.00	\$ 1,750.00	\$ 250.00	\$ 1,250.00	\$ 300.00	\$ 1,500.00
SS-07	Abandoned/Remove Sanitary Sewer and Appurtenances	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00
STORM SEWER											
ST-01	Provide 18" PVC or RCP Class III Storm Sewer	LF	400	\$ 55.00	\$ 22,000.00	\$ 59.00	\$ 23,600.00	\$ 50.00	\$ 20,000.00	\$ 50.00	\$ 20,000.00
ST-02	Provide 15" PVC or RCP Class III Storm Sewer	LF	940	\$ 40.00	\$ 37,600.00	\$ 54.00	\$ 50,760.00	\$ 52.00	\$ 48,880.00	\$ 45.00	\$ 42,300.00
ST-03	Provide 12" PVC or RCP Class III Storm Sewer	LF	1,540	\$ 38.00	\$ 58,520.00	\$ 50.00	\$ 77,000.00	\$ 40.00	\$ 61,600.00	\$ 39.00	\$ 60,060.00
ST-04	Provide 8" PVC Storm Sewer	LF	185	\$ 34.00	\$ 6,290.00	\$ 43.00	\$ 7,955.00	\$ 35.00	\$ 6,475.00	\$ 35.00	\$ 6,475.00
ST-05	Provide 6" Storm Sewer Lateral	LF	1,800	\$ 39.50	\$ 71,100.00	\$ 42.00	\$ 75,600.00	\$ 38.00	\$ 68,400.00	\$ 35.00	\$ 63,000.00
ST-06	Provide Storm Branch 18" X 6"	EA	7	\$ 350.00	\$ 2,450.00	\$ 385.00	\$ 2,695.00	\$ 100.00	\$ 700.00	\$ 350.00	\$ 2,450.00
ST-07	Provide Storm Branch 15" X 6"	EA	21	\$ 190.00	\$ 3,990.00	\$ 220.00	\$ 4,620.00	\$ 75.00	\$ 1,575.00	\$ 190.00	\$ 3,990.00
ST-08	Provide Storm Branch 12" X 6"	EA	16	\$ 110.00	\$ 1,760.00	\$ 140.00	\$ 2,240.00	\$ 75.00	\$ 1,200.00	\$ 115.00	\$ 1,840.00
ST-09	Provide Storm Branch 8" X 6"	EA	6	\$ 55.00	\$ 330.00	\$ 75.00	\$ 450.00	\$ 50.00	\$ 300.00	\$ 40.00	\$ 240.00
ST-10	Provide 8' Diameter Storm Manhole (Construct Over Existing - Doghouse)	EA	1	\$ 6,750.00	\$ 6,750.00	\$ 6,200.00	\$ 6,200.00	\$ 6,000.00	\$ 6,000.00	\$ 8,000.00	\$ 8,000.00
ST-11	Provide 6' Diameter Storm Manhole	VF	6	\$ 500.00	\$ 3,000.00	\$ 565.00	\$ 3,390.00	\$ 600.00	\$ 3,600.00	\$ 625.00	\$ 3,750.00
ST-12	Provide 4' Diameter Storm Manhole	VF	100	\$ 310.00	\$ 31,000.00	\$ 375.00	\$ 37,500.00	\$ 392.00	\$ 39,200.00	\$ 375.00	\$ 37,500.00
ST-13	Provide Type B Inlet	EA	38	\$ 1,430.00	\$ 54,340.00	\$ 1,575.00	\$ 59,850.00	\$ 1,550.00	\$ 58,900.00	\$ 1,500.00	\$ 57,000.00
ST-14	Provide Storm Cleanout	EA	1	\$ 1,750.00	\$ 1,750.00	\$ 2,000.00	\$ 2,000.00	\$ 1,400.00	\$ 1,400.00	\$ 1,650.00	\$ 1,650.00
ST-15	Connect to Structure and/or Existing Pipe	EA	4	\$ 325.00	\$ 1,300.00	\$ 350.00	\$ 1,400.00	\$ 500.00	\$ 2,000.00	\$ 1,500.00	\$ 6,000.00
ST-16	Abandon/Remove Existing Storm Sewer Appurtenances	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 9,000.00	\$ 9,000.00	\$ 5,000.00	\$ 5,000.00	\$ 7,500.00	\$ 7,500.00
WATERMAIN											
W-01	Provide 12" PVC Water Main	LF	16	\$ 258.00	\$ 4,128.00	\$ 163.00	\$ 2,608.00	\$ 65.00	\$ 1,040.00	\$ 212.00	\$ 3,392.00
W-02	Provide 10" PVC Water Main	LF	800	\$ 54.00	\$ 43,200.00	\$ 54.00	\$ 43,200.00	\$ 59.00	\$ 47,200.00	\$ 57.00	\$ 45,600.00
W-03	Provide 8" PVC Water Main	LF	1,310	\$ 46.00	\$ 60,260.00	\$ 53.00	\$ 69,430.00	\$ 57.00	\$ 74,670.00	\$ 54.00	\$ 70,740.00
W-04	Provide 6" PVC Water Main	LF	105	\$ 58.00	\$ 6,090.00	\$ 50.00	\$ 5,250.00	\$ 55.00	\$ 5,775.00	\$ 64.00	\$ 6,720.00
W-05	Provide 1" HDPE Water Service	LF	1,720	\$ 46.00	\$ 79,120.00	\$ 41.00	\$ 70,520.00	\$ 51.00	\$ 87,720.00	\$ 37.00	\$ 63,640.00
W-06	Provide 1" Corporation and Curb Stop	EA	54	\$ 290.00	\$ 15,660.00	\$ 315.00	\$ 17,010.00	\$ 300.00	\$ 16,200.00	\$ 810.00	\$ 43,740.00
W-07	Provide 2" Corporation with Plug/Saddle with 2" HDPE	EA	4	\$ 390.00	\$ 1,560.00	\$ 615.00	\$ 2,460.00	\$ 500.00	\$ 2,000.00	\$ 715.00	\$ 2,860.00
W-08	Provide Hydrant (6.5' Bury)	EA	5	\$ 3,500.00	\$ 17,500.00	\$ 3,250.00	\$ 16,250.00	\$ 3,200.00	\$ 16,000.00	\$ 3,200.00	\$ 16,000.00
W-09	Provide 12" Valve	EA	1	\$ 2,450.00	\$ 2,450.00	\$ 2,000.00	\$ 2,000.00	\$ 2,100.00	\$ 2,100.00	\$ 2,500.00	\$ 2,500.00
W-10	Provide 10" Valve	EA	2	\$ 2,000.00	\$ 4,000.00	\$ 1,650.00	\$ 3,300.00	\$ 1,750.00	\$ 3,500.00	\$ 2,000.00	\$ 4,000.00
W-11	Provide 8" Valve	EA	6	\$ 1,400.00	\$ 8,400.00	\$ 1,150.00	\$ 6,900.00	\$ 1,200.00	\$ 7,200.00	\$ 1,350.00	\$ 8,100.00
W-12	Provide 6" Valve	EA	2	\$ 1,000.00	\$ 2,000.00	\$ 925.00	\$ 1,850.00	\$ 900.00	\$ 1,800.00	\$ 1,000.00	\$ 2,000.00
W-13	Provide Connection to Existing Water Main	EA	8	\$ 725.00	\$ 5,800.00	\$ 1,300.00	\$ 10,400.00	\$ 1,000.00	\$ 8,000.00	\$ 1,350.00	\$ 10,800.00

**PROJECT 17-02 HURON STREET RECONSTRUCTION & UTILITY
RELAY
BID TAB**

				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3		BIDDER NO. 4	
				KRUCZEK CONSTRUCTION INC.		DAVID TENOR CORPORATION		JOSSART BROTHERS, INC.		DORNER, INC.	
W-14	Provide Water Main Offset	EA	3	\$ 3,000.00	\$ 9,000.00	\$ 2,750.00	\$ 8,250.00	\$ 2,000.00	\$ 6,000.00	\$ 2,500.00	\$ 7,500.00
W-15	Abandon/Remove Water Main and Appurtenances	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 5,000.00	\$ 5,000.00	\$ 6,000.00	\$ 6,000.00	\$ 5,000.00	\$ 5,000.00
STREET AND DRAINAGE											
SD-01	Unclassified Excavation	CY	5,100	\$ 11.25	\$ 57,375.00	\$ 11.38	\$ 58,038.00	\$ 11.71	\$ 59,721.00	\$ 13.25	\$ 67,575.00
SD-02	Provide 1 ¼-Inch Crushed Aggregate Base Course	CY	3,550	\$ 16.00	\$ 56,800.00	\$ 15.75	\$ 55,912.50	\$ 16.54	\$ 58,717.00	\$ 16.00	\$ 56,800.00
SD-03	Provide Asphaltic Concrete Pavement 1 ¾-Inch Surface Course 4LT 58-28S	TON	650	\$ 28.00	\$ 18,200.00	\$ 57.94	\$ 37,661.00	\$ 59.64	\$ 38,766.00	\$ 57.75	\$ 37,537.50
SD-04	Provide Asphaltic Concrete Pavement 2 ¼ -inch Binder Course 3LT58-28S	TON	830	\$ 58.00	\$ 48,140.00	\$ 58.96	\$ 48,936.80	\$ 60.69	\$ 50,372.70	\$ 58.75	\$ 48,762.50
SD-05	Remove and Replace Concrete Curb and Gutter	LF	4,320	\$ 11.50	\$ 49,680.00	\$ 11.71	\$ 50,587.20	\$ 12.60	\$ 54,432.00	\$ 12.20	\$ 52,704.00
SD-06	Remove and Replace 9-Inch Doweled Concrete Pavement	SY	20	\$ 66.00	\$ 1,320.00	\$ 63.00	\$ 1,260.00	\$ 64.80	\$ 1,296.00	\$ 63.00	\$ 1,260.00
SD-07	Remove and Replace 9-Inch Doweled Concrete Pavement (HES-24HR)	SY	90	\$ 68.00	\$ 6,120.00	\$ 60.95	\$ 5,485.50	\$ 62.70	\$ 5,643.00	\$ 61.00	\$ 5,490.00
SD-08	Remove and Replace 9-Inch Doweled Concrete Pavement (Colored and Stamped)	SY	20	\$ 137.00	\$ 2,740.00	\$ 137.70	\$ 2,754.00	\$ 140.00	\$ 2,800.00	\$ 135.00	\$ 2,700.00
SD-09	Remove and Replace 8-Inch Doweled Concrete Pavement (HES-3DAY)	SY	370	\$ 60.00	\$ 22,200.00	\$ 55.10	\$ 20,387.00	\$ 58.00	\$ 21,460.00	\$ 56.25	\$ 20,812.50
SD-10	Remove and Replace Concrete Driveway 8-Inch	SY	75	\$ 52.00	\$ 3,900.00	\$ 50.50	\$ 3,787.50	\$ 53.20	\$ 3,990.00	\$ 52.00	\$ 3,900.00
SD-11	Remove and Replace Concrete Sidewalk or Driveway 6-Inch	SY	810	\$ 46.50	\$ 37,665.00	\$ 43.62	\$ 35,332.20	\$ 47.24	\$ 38,264.40	\$ 45.80	\$ 37,098.00
SD-12	Remove and Replace Concrete Sidewalk 4-Inch	SY	1,110	\$ 41.25	\$ 45,787.50	\$ 41.32	\$ 45,865.20	\$ 43.05	\$ 47,785.50	\$ 41.75	\$ 46,342.50
SD-13	Provide Reinforcement for Curb and Gutter, and Sidewalk – 2 #4 Bars	LF	4,060	\$ 0.80	\$ 3,248.00	\$ 0.82	\$ 3,329.20	\$ 0.84	\$ 3,410.40	\$ 0.80	\$ 3,248.00
SD-14	Drilled Tie Bars (Existing Sidewalk and Curb and Gutter)	EA	772	\$ 3.30	\$ 2,547.60	\$ 3.32	\$ 2,563.04	\$ 3.40	\$ 2,624.80	\$ 3.30	\$ 2,547.60
SD-15	Detectable Warning Fields	EA	30	\$ 230.00	\$ 6,900.00	\$ 235.00	\$ 7,050.00	\$ 241.00	\$ 7,230.00	\$ 235.00	\$ 7,050.00
SD-16	Landscaping – Topsoil, Seed, Fertilizer and Mulch, No. 40 Seed Mix	SY	3,800	\$ 4.00	\$ 15,200.00	\$ 2.86	\$ 10,868.00	\$ 3.68	\$ 13,984.00	\$ 3.55	\$ 13,490.00
SD-17	Pavement Marking Stop Line Epoxy (12-Inch White)	LF	15	\$ 34.00	\$ 510.00	\$ 33.15	\$ 497.25	\$ 34.13	\$ 511.95	\$ 33.00	\$ 495.00
SD-18	Pavement Marking Epoxy (8-Inch White)	LF	65	\$ 26.50	\$ 1,722.50	\$ 26.27	\$ 1,707.55	\$ 27.04	\$ 1,757.60	\$ 26.25	\$ 1,706.25
SD-19	Salvage and Reset Brick/Block Pavers	LS	1	\$ 1,079.22	\$ 1,079.22	\$ 1.00	\$ 1.00	\$ 1,200.00	\$ 1,200.00	\$ 2,500.00	\$ 2,500.00
SD-20	Remove and Replace Concrete Step	LS	1	\$ 600.00	\$ 600.00	\$ 625.00	\$ 625.00	\$ 1,000.00	\$ 1,000.00	\$ 750.00	\$ 750.00
SD-21	Remove and Replace Concrete Curb and Gutter (Hand Form at Trees)	LF	120	\$ 33.00	\$ 3,960.00	\$ 30.10	\$ 3,612.00	\$ 33.60	\$ 4,032.00	\$ 33.00	\$ 3,960.00
SPECIAL CONSTRUCTION											
SC-01	Pipe Foundation Stabilization	CY	200	\$ 12.00	\$ 2,400.00	\$ 10.00	\$ 2,000.00	\$ 0.01	\$ 2.00	\$ 0.01	\$ 2.00
SC-02	Polystyrene Insulation Board	LF	200	\$ 10.00	\$ 2,000.00	\$ 10.00	\$ 2,000.00	\$ 6.00	\$ 1,200.00	\$ 8.00	\$ 1,600.00
SC-03	Inlet Protection	EA	54	\$ 40.00	\$ 2,160.00	\$ 50.00	\$ 2,700.00	\$ 75.00	\$ 4,050.00	\$ 55.00	\$ 2,970.00
SC-04	Aggregate Slurry Backfill	CY	10	\$ 100.00	\$ 1,000.00	\$ 75.00	\$ 750.00	\$ 120.00	\$ 1,200.00	\$ 75.00	\$ 750.00
SC-05	Asphalt Patch (Cold or Hot Mix) George St.	LS	1	\$ 1,200.00	\$ 1,200.00	\$ 2,000.00	\$ 2,000.00	\$ 1,200.00	\$ 1,200.00	\$ 3,000.00	\$ 3,000.00
SC-06	Asphalt Patch (Cold or Hot Mix) Ridgeway Blvd.	LS	1	\$ 1,200.00	\$ 1,200.00	\$ 5,500.00	\$ 5,500.00	\$ 2,000.00	\$ 2,000.00	\$ 5,000.00	\$ 5,000.00
SC-07	Traffic Control Including Flaggers (George St.)	LS	1	\$ 4,000.00	\$ 4,000.00	\$ 2,300.00	\$ 2,300.00	\$ 1,600.00	\$ 1,600.00	\$ 5,000.00	\$ 5,000.00
SC-08	Traffic Control (Ridgeway Blvd.)	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 2,500.00	\$ 2,500.00	\$ 1,260.00	\$ 1,260.00	\$ 2,000.00	\$ 2,000.00
SC-9	Traffic Control (Detour Route Ridgeway Blvd.)	LS	1	\$ 4,000.00	\$ 4,000.00	\$ 1,800.00	\$ 1,800.00	\$ 800.00	\$ 800.00	\$ 6,500.00	\$ 6,500.00
SC-10	Traffic Control (Temporary Traffic Signals George St.)	LS	1	\$ 7,000.00	\$ 7,000.00	\$ 3,200.00	\$ 3,200.00	\$ 3,150.00	\$ 3,150.00	\$ 5,500.00	\$ 5,500.00
SC-11	Tracking Pad	EA	2	\$ 750.00	\$ 1,500.00	\$ 775.00	\$ 1,550.00	\$ 750.00	\$ 1,500.00	\$ 250.00	\$ 500.00
				\$ 1,082,182.82		\$ 1,114,627.94		\$ 1,119,170.35		\$ 1,141,207.85	

PROJECT 17-02 HURON STREET RECONSTRUCTION & UTILITY RELAY BID TAB											
				BIDDER NO. 5		BIDDER NO. 6		BIDDER NO. 7		BIDDER NO. 8	
				DE GROOT, INC.		PETERS CONCRETE CO.		FEAKER & SONS CO. INC.		VINTON CONSTRUCTION COMPANY	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
SANITARY SEWER											
SS-01	Provide 8" PVC Sanitary Sewer	LF	605	\$ 63.03	\$ 38,133.15	\$ 85.80	\$ 51,909.00	\$ 67.00	\$ 40,535.00	\$ 71.30	\$ 43,136.50
SS-02	Provide 4" PVC Sanitary Sewer Lateral	LF	180	\$ 55.17	\$ 9,930.60	\$ 62.00	\$ 11,160.00	\$ 50.00	\$ 9,000.00	\$ 90.00	\$ 16,200.00
SS-03	Provide 8"X4" Sanitary Wye	EA	6	\$ 303.00	\$ 1,818.00	\$ 100.00	\$ 600.00	\$ 75.00	\$ 450.00	\$ 90.00	\$ 540.00
SS-04	Provide 4' Diameter Sanitary Sewer Manhole	VF	34	\$ 335.87	\$ 11,419.58	\$ 249.00	\$ 8,466.00	\$ 265.00	\$ 9,010.00	\$ 342.00	\$ 11,628.00
SS-05	Remove and Replace Sanitary Sewer Manhole	VF	12	\$ 622.51	\$ 7,470.12	\$ 497.00	\$ 5,964.00	\$ 435.00	\$ 5,220.00	\$ 452.00	\$ 5,424.00
SS-06	Connect to Existing Sanitary Sewer Pipe	EA	5	\$ 1,212.00	\$ 6,060.00	\$ 250.00	\$ 1,250.00	\$ 610.00	\$ 3,050.00	\$ 400.00	\$ 2,000.00
SS-07	Abandoned/Remove Sanitary Sewer and Appurtenances	LS	1	\$ 1,262.50	\$ 1,262.50	\$ 500.00	\$ 500.00	\$ 3,220.00	\$ 3,220.00	\$ 1,000.00	\$ 1,000.00
STORM SEWER											
ST-01	Provide 18" PVC or RCP Class III Storm Sewer	LF	400	\$ 54.60	\$ 21,840.00	\$ 54.70	\$ 21,880.00	\$ 63.00	\$ 25,200.00	\$ 62.80	\$ 25,120.00
ST-02	Provide 15" PVC or RCP Class III Storm Sewer	LF	940	\$ 54.47	\$ 51,201.80	\$ 48.10	\$ 45,214.00	\$ 56.00	\$ 52,640.00	\$ 53.00	\$ 49,820.00
ST-03	Provide 12" PVC or RCP Class III Storm Sewer	LF	1,540	\$ 45.12	\$ 69,484.80	\$ 44.70	\$ 68,838.00	\$ 50.00	\$ 77,000.00	\$ 41.00	\$ 63,140.00
ST-04	Provide 8" PVC Storm Sewer	LF	185	\$ 32.25	\$ 5,966.25	\$ 34.45	\$ 6,373.25	\$ 42.00	\$ 7,770.00	\$ 39.40	\$ 7,289.00
ST-05	Provide 6" Storm Sewer Lateral	LF	1,800	\$ 32.35	\$ 58,230.00	\$ 32.40	\$ 58,320.00	\$ 43.00	\$ 77,400.00	\$ 37.50	\$ 67,500.00
ST-06	Provide Storm Branch 18" X 6"	EA	7	\$ 202.00	\$ 1,414.00	\$ 150.00	\$ 1,050.00	\$ 150.00	\$ 1,050.00	\$ 422.00	\$ 2,954.00
ST-07	Provide Storm Branch 15" X 6"	EA	21	\$ 151.50	\$ 3,181.50	\$ 220.00	\$ 4,620.00	\$ 150.00	\$ 3,150.00	\$ 270.00	\$ 5,670.00
ST-08	Provide Storm Branch 12" X 6"	EA	16	\$ 151.50	\$ 2,424.00	\$ 175.00	\$ 2,800.00	\$ 130.00	\$ 2,080.00	\$ 150.00	\$ 2,400.00
ST-09	Provide Storm Branch 8" X 6"	EA	6	\$ 126.25	\$ 757.50	\$ 100.00	\$ 600.00	\$ 75.00	\$ 450.00	\$ 80.00	\$ 480.00
ST-10	Provide 8' Diameter Storm Manhole (Construct Over Existing - Doghouse)	EA	1	\$ 7,851.77	\$ 7,851.77	\$ 14,050.00	\$ 14,050.00	\$ 6,250.00	\$ 6,250.00	\$ 5,650.00	\$ 5,650.00
ST-11	Provide 6' Diameter Storm Manhole	VF	6	\$ 713.74	\$ 4,282.44	\$ 475.00	\$ 2,850.00	\$ 550.00	\$ 3,300.00	\$ 590.00	\$ 3,540.00
ST-12	Provide 4' Diameter Storm Manhole	VF	100	\$ 546.90	\$ 54,690.00	\$ 395.00	\$ 39,500.00	\$ 395.00	\$ 39,500.00	\$ 410.00	\$ 41,000.00
ST-13	Provide Type B Inlet	EA	38	\$ 1,862.05	\$ 70,757.90	\$ 1,720.00	\$ 65,360.00	\$ 1,825.00	\$ 69,350.00	\$ 1,560.00	\$ 59,280.00
ST-14	Provide Storm Cleanout	EA	1	\$ 1,893.75	\$ 1,893.75	\$ 1,300.00	\$ 1,300.00	\$ 1,375.00	\$ 1,375.00	\$ 2,260.00	\$ 2,260.00
ST-15	Connect to Structure and/or Existing Pipe	EA	4	\$ 757.50	\$ 3,030.00	\$ 1,125.00	\$ 4,500.00	\$ 1,100.00	\$ 4,400.00	\$ 400.00	\$ 1,600.00
ST-16	Abandon/Remove Existing Storm Sewer Appurtenances	LS	1	\$ 303.00	\$ 303.00	\$ 500.00	\$ 500.00	\$ 9,155.00	\$ 9,155.00	\$ 1,000.00	\$ 1,000.00
WATERMAIN											
W-01	Provide 12" PVC Water Main	LF	16	\$ 74.45	\$ 1,191.20	\$ 262.00	\$ 4,192.00	\$ 275.00	\$ 4,400.00	\$ 185.00	\$ 2,960.00
W-02	Provide 10" PVC Water Main	LF	800	\$ 53.65	\$ 42,920.00	\$ 71.68	\$ 57,344.00	\$ 59.50	\$ 47,600.00	\$ 62.60	\$ 50,080.00
W-03	Provide 8" PVC Water Main	LF	1,310	\$ 50.19	\$ 65,748.90	\$ 65.46	\$ 85,752.60	\$ 56.50	\$ 74,015.00	\$ 60.65	\$ 79,451.50
W-04	Provide 6" PVC Water Main	LF	105	\$ 52.04	\$ 5,464.20	\$ 84.25	\$ 8,846.25	\$ 55.00	\$ 5,775.00	\$ 68.70	\$ 7,213.50
W-05	Provide 1" HDPE Water Service	LF	1,720	\$ 36.85	\$ 63,382.00	\$ 45.90	\$ 78,948.00	\$ 42.00	\$ 72,240.00	\$ 42.60	\$ 73,272.00
W-06	Provide 1" Corporation and Curb Stop	EA	54	\$ 591.97	\$ 31,966.38	\$ 300.00	\$ 16,200.00	\$ 300.00	\$ 16,200.00	\$ 588.00	\$ 31,752.00
W-07	Provide 2" Corporation with Plug/Saddle with 2" HDPE	EA	4	\$ 972.13	\$ 3,888.52	\$ 1,000.00	\$ 4,000.00	\$ 1,000.00	\$ 4,000.00	\$ 670.00	\$ 2,680.00
W-08	Provide Hydrant (6.5' Bury)	EA	5	\$ 3,293.00	\$ 16,465.00	\$ 3,250.00	\$ 16,250.00	\$ 3,150.00	\$ 15,750.00	\$ 3,700.00	\$ 18,500.00
W-09	Provide 12" Valve	EA	1	\$ 2,117.97	\$ 2,117.97	\$ 2,400.00	\$ 2,400.00	\$ 2,150.00	\$ 2,150.00	\$ 2,514.00	\$ 2,514.00
W-10	Provide 10" Valve	EA	2	\$ 1,658.42	\$ 3,316.84	\$ 2,000.00	\$ 4,000.00	\$ 1,815.00	\$ 3,630.00	\$ 2,135.00	\$ 4,270.00
W-11	Provide 8" Valve	EA	6	\$ 1,334.21	\$ 8,005.26	\$ 1,500.00	\$ 9,000.00	\$ 1,225.00	\$ 7,350.00	\$ 1,562.00	\$ 9,372.00
W-12	Provide 6" Valve	EA	2	\$ 1,046.36	\$ 2,092.72	\$ 1,100.00	\$ 2,200.00	\$ 935.00	\$ 1,870.00	\$ 1,212.00	\$ 2,424.00
W-13	Provide Connection to Existing Water Main	EA	8	\$ 2,230.33	\$ 17,842.64	\$ 1,250.00	\$ 10,000.00	\$ 2,450.00	\$ 19,600.00	\$ 2,527.00	\$ 20,216.00

PROJECT 17-02 HURON STREET RECONSTRUCTION & UTILITY RELAY BID TAB											
				BIDDER NO. 5		BIDDER NO. 6		BIDDER NO. 7		BIDDER NO. 8	
				DE GROOT, INC.		PETERS CONCRETE CO.		FEAKER & SONS CO. INC.		VINTON CONSTRUCTION COMPANY	
W-14	Provide Water Main Offset	EA	3	\$ 4,208.34	\$ 12,625.02	\$ 100.00	\$ 300.00	\$ 3,650.00	\$ 10,950.00	\$ 3,200.00	\$ 9,600.00
W-15	Abandon/Remove Water Main and Appurtenances	LS	1	\$ 4,545.00	\$ 4,545.00	\$ 500.00	\$ 500.00	\$ 10,500.00	\$ 10,500.00	\$ 6,000.00	\$ 6,000.00
STREET AND DRAINAGE											
SD-01	Unclassified Excavation	CY	5,100	\$ 9.25	\$ 47,175.00	\$ 14.16	\$ 72,216.00	\$ 11.35	\$ 57,885.00	\$ 12.81	\$ 65,331.00
SD-02	Provide 1 ¼-Inch Crushed Aggregate Base Course	CY	3,550	\$ 21.63	\$ 76,786.50	\$ 19.55	\$ 69,402.50	\$ 16.05	\$ 56,977.50	\$ 18.40	\$ 65,320.00
SD-03	Provide Asphaltic Concrete Pavement 1 ¾-Inch Surface Course 4LT 58-28S	TON	650	\$ 59.09	\$ 38,408.50	\$ 56.80	\$ 36,920.00	\$ 57.95	\$ 37,667.50	\$ 57.37	\$ 37,290.50
SD-04	Provide Asphaltic Concrete Pavement 2 ¼ -inch Binder Course 3LT58-28S	TON	830	\$ 60.13	\$ 49,907.90	\$ 57.80	\$ 47,974.00	\$ 58.95	\$ 48,928.50	\$ 58.38	\$ 48,455.40
SD-05	Remove and Replace Concrete Curb and Gutter	LF	4,320	\$ 11.14	\$ 48,124.80	\$ 12.98	\$ 56,073.60	\$ 12.20	\$ 52,704.00	\$ 10.99	\$ 47,476.80
SD-06	Remove and Replace 9-Inch Doweled Concrete Pavement	SY	20	\$ 58.88	\$ 1,177.60	\$ 61.75	\$ 1,235.00	\$ 63.00	\$ 1,260.00	\$ 66.30	\$ 1,326.00
SD-07	Remove and Replace 9-Inch Doweled Concrete Pavement (HES-24HR)	SY	90	\$ 58.88	\$ 5,299.20	\$ 61.75	\$ 5,557.50	\$ 61.00	\$ 5,490.00	\$ 70.50	\$ 6,345.00
SD-08	Remove and Replace 9-Inch Doweled Concrete Pavement (Colored and Stamped)	SY	20	\$ 137.61	\$ 2,752.20	\$ 135.00	\$ 2,700.00	\$ 138.00	\$ 2,760.00	\$ 93.00	\$ 1,860.00
SD-09	Remove and Replace 8-Inch Doweled Concrete Pavement (HES-3DAY)	SY	370	\$ 53.20	\$ 19,684.00	\$ 57.25	\$ 21,182.50	\$ 56.35	\$ 20,849.50	\$ 63.80	\$ 23,606.00
SD-10	Remove and Replace Concrete Driveway 8-Inch	SY	75	\$ 48.51	\$ 3,638.25	\$ 49.25	\$ 3,693.75	\$ 51.80	\$ 3,885.00	\$ 55.30	\$ 4,147.50
SD-11	Remove and Replace Concrete Sidewalk or Driveway 6-Inch	SY	810	\$ 43.83	\$ 35,502.30	\$ 43.75	\$ 35,437.50	\$ 45.00	\$ 36,450.00	\$ 49.68	\$ 40,240.80
SD-12	Remove and Replace Concrete Sidewalk 4-Inch	SY	1,110	\$ 41.49	\$ 46,053.90	\$ 41.00	\$ 45,510.00	\$ 41.80	\$ 46,398.00	\$ 48.21	\$ 53,513.10
SD-13	Provide Reinforcement for Curb and Gutter, and Sidewalk – 2 #4 Bars	LF	4,060	\$ 0.91	\$ 3,694.60	\$ 0.80	\$ 3,248.00	\$ 0.82	\$ 3,329.20	\$ 0.70	\$ 2,842.00
SD-14	Drilled Tie Bars (Existing Sidewalk and Curb and Gutter)	EA	772	\$ 3.38	\$ 2,609.36	\$ 3.25	\$ 2,509.00	\$ 3.32	\$ 2,563.04	\$ 5.00	\$ 3,860.00
SD-15	Detectable Warning Fields	EA	30	\$ 239.27	\$ 7,178.10	\$ 230.00	\$ 6,900.00	\$ 235.00	\$ 7,050.00	\$ 255.00	\$ 7,650.00
SD-16	Landscaping – Topsoil, Seed, Fertilizer and Mulch, No. 40 Seed Mix	SY	3,800	\$ 7.07	\$ 26,866.00	\$ 6.15	\$ 23,370.00	\$ 3.60	\$ 13,680.00	\$ 8.32	\$ 31,616.00
SD-17	Pavement Marking Stop Line Epoxy (12-Inch White)	LF	15	\$ 33.81	\$ 507.15	\$ 32.50	\$ 487.50	\$ 33.15	\$ 497.25	\$ 32.50	\$ 487.50
SD-18	Pavement Marking Epoxy (8-Inch White)	LF	65	\$ 26.79	\$ 1,741.35	\$ 25.75	\$ 1,673.75	\$ 26.25	\$ 1,706.25	\$ 25.75	\$ 1,673.75
SD-19	Salvage and Reset Brick/Block Pavers	LS	1	\$ 1,515.00	\$ 1,515.00	\$ 2,000.00	\$ 2,000.00	\$ 4,570.00	\$ 4,570.00	\$ 1,000.00	\$ 1,000.00
SD-20	Remove and Replace Concrete Step	LS	1	\$ 41.61	\$ 41.61	\$ 600.00	\$ 600.00	\$ 1,590.00	\$ 1,590.00	\$ 1,000.00	\$ 1,000.00
SD-21	Remove and Replace Concrete Curb and Gutter (Hand Form at Trees)	LF	120	\$ 29.13	\$ 3,495.60	\$ 31.00	\$ 3,720.00	\$ 32.65	\$ 3,918.00	\$ 27.00	\$ 3,240.00
SPECIAL CONSTRUCTION											
SC-01	Pipe Foundation Stabilization	CY	200	\$ 15.15	\$ 3,030.00	\$ 5.00	\$ 1,000.00	\$ 1.00	\$ 200.00	\$ 20.00	\$ 4,000.00
SC-02	Polystyrene Insulation Board	LF	200	\$ 6.06	\$ 1,212.00	\$ 5.00	\$ 1,000.00	\$ 8.00	\$ 1,600.00	\$ 4.00	\$ 800.00
SC-03	Inlet Protection	EA	54	\$ 35.35	\$ 1,908.90	\$ 35.00	\$ 1,890.00	\$ 80.00	\$ 4,320.00	\$ 55.00	\$ 2,970.00
SC-04	Aggregate Slurry Backfill	CY	10	\$ 75.75	\$ 757.50	\$ 100.00	\$ 1,000.00	\$ 125.00	\$ 1,250.00	\$ 100.00	\$ 1,000.00
SC-05	Asphalt Patch (Cold or Hot Mix) George St.	LS	1	\$ 2,878.50	\$ 2,878.50	\$ 1,000.00	\$ 1,000.00	\$ 3,200.00	\$ 3,200.00	\$ 1,200.00	\$ 1,200.00
SC-06	Asphalt Patch (Cold or Hot Mix) Ridgeway Blvd.	LS	1	\$ 4,545.00	\$ 4,545.00	\$ 1.00	\$ 1.00	\$ 8,665.00	\$ 8,665.00	\$ 3,600.00	\$ 3,600.00
SC-07	Traffic Control Including Flaggers (George St.)	LS	1	\$ 3,812.75	\$ 3,812.75	\$ 3,500.00	\$ 3,500.00	\$ 5,270.00	\$ 5,270.00	\$ 3,500.00	\$ 3,500.00
SC-08	Traffic Control (Ridgeway Blvd.)	LS	1	\$ 2,525.00	\$ 2,525.00	\$ 2,200.00	\$ 2,200.00	\$ 3,945.00	\$ 3,945.00	\$ 2,200.00	\$ 2,200.00
SC-9	Traffic Control (Detour Route Ridgeway Blvd.)	LS	1	\$ 2,772.45	\$ 2,772.45	\$ 2,500.00	\$ 2,500.00	\$ 4,250.00	\$ 4,250.00	\$ 2,500.00	\$ 2,500.00
SC-10	Traffic Control (Temporary Traffic Signals George St.)	LS	1	\$ 5,353.00	\$ 5,353.00	\$ 5,000.00	\$ 5,000.00	\$ 6,800.00	\$ 6,800.00	\$ 5,000.00	\$ 5,000.00
SC-11	Tracking Pad	EA	2	\$ 757.50	\$ 1,515.00	\$ 750.00	\$ 1,500.00	\$ 750.00	\$ 1,500.00	\$ 0.01	\$ 0.02
				\$ 1,167,443.33		\$ 1,180,538.70		\$ 1,197,743.74		\$ 1,213,987.87	

PROJECT 17-02 HURON STREET RECONSTRUCTION & UTILITY RELAY BID TAB									
				BIDDER NO. 9		BIDDER NO.10		BIDDER NO. 11	
				PTS CONTRACTORS, INC.		WOOD SEWER & EXCAVATING, INC.		ADVANCE CONSTRUCTION, INC.	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
SANITARY SEWER									
SS-01	Provide 8" PVC Sanitary Sewer	LF	605	\$ 74.50	\$ 45,072.50	\$ 98.00	\$ 59,290.00	\$ 91.60	\$ 55,418.00
SS-02	Provide 4" PVC Sanitary Sewer Lateral	LF	180	\$ 77.00	\$ 13,860.00	\$ 68.00	\$ 12,240.00	\$ 80.60	\$ 14,508.00
SS-03	Provide 8"X4" Sanitary Wye	EA	6	\$ 56.00	\$ 336.00	\$ 150.00	\$ 900.00	\$ 39.50	\$ 237.00
SS-04	Provide 4' Diameter Sanitary Sewer Manhole	VF	34	\$ 311.00	\$ 10,574.00	\$ 280.00	\$ 9,520.00	\$ 405.00	\$ 13,770.00
SS-05	Remove and Replace Sanitary Sewer Manhole	VF	12	\$ 312.00	\$ 3,744.00	\$ 310.00	\$ 3,720.00	\$ 900.00	\$ 10,800.00
SS-06	Connect to Existing Sanitary Sewer Pipe	EA	5	\$ 948.00	\$ 4,740.00	\$ 360.00	\$ 1,800.00	\$ 312.00	\$ 1,560.00
SS-07	Abandoned/Remove Sanitary Sewer and Appurtenances	LS	1	\$ 1,688.00	\$ 1,688.00	\$ 5,000.00	\$ 5,000.00	\$ 1,000.00	\$ 1,000.00
STORM SEWER									
ST-01	Provide 18" PVC or RCP Class III Storm Sewer	LF	400	\$ 60.50	\$ 24,200.00	\$ 62.00	\$ 24,800.00	\$ 66.30	\$ 26,520.00
ST-02	Provide 15" PVC or RCP Class III Storm Sewer	LF	940	\$ 64.00	\$ 60,160.00	\$ 56.00	\$ 52,640.00	\$ 69.50	\$ 65,330.00
ST-03	Provide 12" PVC or RCP Class III Storm Sewer	LF	1,540	\$ 62.00	\$ 95,480.00	\$ 52.00	\$ 80,080.00	\$ 61.00	\$ 93,940.00
ST-04	Provide 8" PVC Storm Sewer	LF	185	\$ 45.00	\$ 8,325.00	\$ 42.00	\$ 7,770.00	\$ 34.75	\$ 6,428.75
ST-05	Provide 6" Storm Sewer Lateral	LF	1,800	\$ 40.00	\$ 72,000.00	\$ 43.00	\$ 77,400.00	\$ 44.00	\$ 79,200.00
ST-06	Provide Storm Branch 18" X 6"	EA	7	\$ 325.00	\$ 2,275.00	\$ 425.00	\$ 2,975.00	\$ 300.00	\$ 2,100.00
ST-07	Provide Storm Branch 15" X 6"	EA	21	\$ 172.00	\$ 3,612.00	\$ 260.00	\$ 5,460.00	\$ 182.00	\$ 3,822.00
ST-08	Provide Storm Branch 12" X 6"	EA	16	\$ 102.00	\$ 1,632.00	\$ 200.00	\$ 3,200.00	\$ 115.00	\$ 1,840.00
ST-09	Provide Storm Branch 8" X 6"	EA	6	\$ 31.00	\$ 186.00	\$ 100.00	\$ 600.00	\$ 30.00	\$ 180.00
ST-10	Provide 8' Diameter Storm Manhole (Construct Over Existing - Doghouse)	EA	1	\$ 7,777.00	\$ 7,777.00	\$ 5,848.00	\$ 5,848.00	\$ 8,508.00	\$ 8,508.00
ST-11	Provide 6' Diameter Storm Manhole	VF	6	\$ 569.00	\$ 3,414.00	\$ 480.00	\$ 2,880.00	\$ 540.00	\$ 3,240.00
ST-12	Provide 4' Diameter Storm Manhole	VF	100	\$ 357.00	\$ 35,700.00	\$ 348.00	\$ 34,800.00	\$ 376.00	\$ 37,600.00
ST-13	Provide Type B Inlet	EA	38	\$ 1,526.00	\$ 57,988.00	\$ 1,600.00	\$ 60,800.00	\$ 1,724.00	\$ 65,512.00
ST-14	Provide Storm Cleanout	EA	1	\$ 1,686.00	\$ 1,686.00	\$ 2,090.00	\$ 2,090.00	\$ 1,589.00	\$ 1,589.00
ST-15	Connect to Structure and/or Existing Pipe	EA	4	\$ 171.00	\$ 684.00	\$ 400.00	\$ 1,600.00	\$ 400.00	\$ 1,600.00
ST-16	Abandon/Remove Existing Storm Sewer Appurtenances	LS	1	\$ 7,750.00	\$ 7,750.00	\$ 6,475.00	\$ 6,475.00	\$ 16,500.00	\$ 16,500.00
WATERMAIN				\$ -					
W-01	Provide 12" PVC Water Main	LF	16	\$ 209.00	\$ 3,344.00	\$ 90.00	\$ 1,440.00	\$ 237.00	\$ 3,792.00
W-02	Provide 10" PVC Water Main	LF	800	\$ 66.00	\$ 52,800.00	\$ 84.00	\$ 67,200.00	\$ 80.00	\$ 64,000.00
W-03	Provide 8" PVC Water Main	LF	1,310	\$ 64.00	\$ 83,840.00	\$ 75.00	\$ 98,250.00	\$ 77.00	\$ 100,870.00
W-04	Provide 6" PVC Water Main	LF	105	\$ 62.00	\$ 6,510.00	\$ 76.00	\$ 7,980.00	\$ 71.00	\$ 7,455.00
W-05	Provide 1" HDPE Water Service	LF	1,720	\$ 57.00	\$ 98,040.00	\$ 59.00	\$ 101,480.00	\$ 43.50	\$ 74,820.00
W-06	Provide 1" Corporation and Curb Stop	EA	54	\$ 352.00	\$ 19,008.00	\$ 380.00	\$ 20,520.00	\$ 385.00	\$ 20,790.00
W-07	Provide 2" Corporation with Plug/Saddle with 2" HDPE	EA	4	\$ 638.00	\$ 2,552.00	\$ 510.00	\$ 2,040.00	\$ 810.00	\$ 3,240.00
W-08	Provide Hydrant (6.5' Bury)	EA	5	\$ 3,229.00	\$ 16,145.00	\$ 3,200.00	\$ 16,000.00	\$ 3,500.00	\$ 17,500.00
W-09	Provide 12" Valve	EA	1	\$ 2,285.00	\$ 2,285.00	\$ 2,400.00	\$ 2,400.00	\$ 1,900.00	\$ 1,900.00
W-10	Provide 10" Valve	EA	2	\$ 1,896.00	\$ 3,792.00	\$ 2,080.00	\$ 4,160.00	\$ 1,572.00	\$ 3,144.00
W-11	Provide 8" Valve	EA	6	\$ 1,306.00	\$ 7,836.00	\$ 1,460.00	\$ 8,760.00	\$ 1,071.00	\$ 6,426.00
W-12	Provide 6" Valve	EA	2	\$ 953.00	\$ 1,906.00	\$ 1,200.00	\$ 2,400.00	\$ 776.00	\$ 1,552.00
W-13	Provide Connection to Existing Water Main	EA	8	\$ 1,437.00	\$ 11,496.00	\$ 1,900.00	\$ 15,200.00	\$ 2,758.00	\$ 22,064.00

PROJECT 17-02 HURON STREET RECONSTRUCTION & UTILITY RELAY BID TAB									
				BIDDER NO. 9		BIDDER NO.10		BIDDER NO. 11	
				PTS CONTRACTORS, INC.		WOOD SEWER & EXCAVATING, INC.		ADVANCE CONSTRUCTION, INC.	
W-14	Provide Water Main Offset	EA	3	\$ 4,514.00	\$ 13,542.00	\$ 3,600.00	\$ 10,800.00	\$ 2,200.00	\$ 6,600.00
W-15	Abandon/Remove Water Main and Appurtenances	LS	1	\$ 3,376.00	\$ 3,376.00	\$ 9,600.00	\$ 9,600.00	\$ 1,000.00	\$ 1,000.00
STREET AND DRAINAGE									
SD-01	Unclassified Excavation	CY	5,100	\$ 11.40	\$ 58,140.00	\$ 9.90	\$ 50,490.00	\$ 9.00	\$ 45,900.00
SD-02	Provide 1 ¼-Inch Crushed Aggregate Base Course	CY	3,550	\$ 16.00	\$ 56,800.00	\$ 20.00	\$ 71,000.00	\$ 24.00	\$ 85,200.00
SD-03	Provide Asphaltic Concrete Pavement 1 3/4"-Inch Surface Course 4LT 58-28S	TON	650	\$ 58.00	\$ 37,700.00	\$ 56.00	\$ 36,400.00	\$ 56.80	\$ 36,920.00
SD-04	Provide Asphaltic Concrete Pavement 2 1/4 -inch Binder Course 3LT58-28S	TON	830	\$ 59.00	\$ 48,970.00	\$ 63.00	\$ 52,290.00	\$ 57.80	\$ 47,974.00
SD-05	Remove and Replace Concrete Curb and Gutter	LF	4,320	\$ 12.50	\$ 54,000.00	\$ 13.00	\$ 56,160.00	\$ 13.00	\$ 56,160.00
SD-06	Remove and Replace 9-Inch Doweled Concrete Pavement	SY	20	\$ 63.00	\$ 1,260.00	\$ 54.00	\$ 1,080.00	\$ 54.75	\$ 1,095.00
SD-07	Remove and Replace 9-Inch Doweled Concrete Pavement (HES- 24HR)	SY	90	\$ 61.00	\$ 5,490.00	\$ 54.00	\$ 4,860.00	\$ 54.75	\$ 4,927.50
SD-08	Remove and Replace 9-Inch Doweled Concrete Pavement (Colored and Stamped)	SY	20	\$ 137.00	\$ 2,740.00	\$ 125.00	\$ 2,500.00	\$ 150.00	\$ 3,000.00
SD-09	Remove and Replace 8-Inch Doweled Concrete Pavement (HES- 3DAY)	SY	370	\$ 56.00	\$ 20,720.00	\$ 50.00	\$ 18,500.00	\$ 50.25	\$ 18,592.50
SD-10	Remove and Replace Concrete Driveway 8-Inch	SY	75	\$ 51.50	\$ 3,862.50	\$ 45.00	\$ 3,375.00	\$ 45.75	\$ 3,431.25
SD-11	Remove and Replace Concrete Sidewalk or Driveway 6-Inch	SY	810	\$ 46.00	\$ 37,260.00	\$ 42.00	\$ 34,020.00	\$ 41.25	\$ 33,412.50
SD-12	Remove and Replace Concrete Sidewalk 4-Inch	SY	1,110	\$ 42.00	\$ 46,620.00	\$ 40.50	\$ 44,955.00	\$ 39.00	\$ 43,290.00
SD-13	Provide Reinforcement for Curb and Gutter, and Sidewalk – 2 #4 Bars	LF	4,060	\$ 0.80	\$ 3,248.00	\$ 0.80	\$ 3,248.00	\$ 0.80	\$ 3,248.00
SD-14	Drilled Tie Bars (Existing Sidewalk and Curb and Gutter)	EA	772	\$ 3.30	\$ 2,547.60	\$ 3.25	\$ 2,509.00	\$ 3.25	\$ 2,509.00
SD-15	Detectable Warning Fields	EA	30	\$ 234.00	\$ 7,020.00	\$ 230.00	\$ 6,900.00	\$ 230.00	\$ 6,900.00
SD-16	Landscaping – Topsoil, Seed, Fertilizer and Mulch, No. 40 Seed Mix	SY	3,800	\$ 3.60	\$ 13,680.00	\$ 6.00	\$ 22,800.00	\$ 5.20	\$ 19,760.00
SD-17	Pavement Marking Stop Line Epoxy (12-Inch White)	LF	15	\$ 33.00	\$ 495.00	\$ 10.00	\$ 150.00	\$ 32.50	\$ 487.50
SD-18	Pavement Marking Epoxy (8-Inch White)	LF	65	\$ 26.00	\$ 1,690.00	\$ 10.00	\$ 650.00	\$ 25.75	\$ 1,673.75
SD-19	Salvage and Reset Brick/Block Pavers	LS	1	\$ 1,019.00	\$ 1,019.00	\$ 1,100.00	\$ 1,100.00	\$ 3,500.00	\$ 3,500.00
SD-20	Remove and Replace Concrete Step	LS	1	\$ 570.00	\$ 570.00	\$ 800.00	\$ 800.00	\$ 1,075.00	\$ 1,075.00
SD-21	Remove and Replace Concrete Curb and Gutter (Hand Form at Trees)	LF	120	\$ 32.50	\$ 3,900.00	\$ 32.00	\$ 3,840.00	\$ 31.00	\$ 3,720.00
SPECIAL CONSTRUCTION									
SC-01	Pipe Foundation Stabilization	CY	200	\$ 0.01	\$ 2.00	\$ 10.00	\$ 2,000.00	\$ 30.00	\$ 6,000.00
SC-02	Polystyrene Insulation Board	LF	200	\$ 5.00	\$ 1,000.00	\$ 6.00	\$ 1,200.00	\$ 8.00	\$ 1,600.00
SC-03	Inlet Protection	EA	54	\$ 55.00	\$ 2,970.00	\$ 90.00	\$ 4,860.00	\$ 44.00	\$ 2,376.00
SC-04	Aggregate Slurry Backfill	CY	10	\$ 58.00	\$ 580.00	\$ 100.00	\$ 1,000.00	\$ 120.00	\$ 1,200.00
SC-05	Asphalt Patch (Cold or Hot Mix) George St.	LS	1	\$ 1,623.00	\$ 1,623.00	\$ 1,100.00	\$ 1,100.00	\$ 1,000.00	\$ 1,000.00
SC-06	Asphalt Patch (Cold or Hot Mix) Ridgeway Blvd.	LS	1	\$ 5,900.00	\$ 5,900.00	\$ 2,200.00	\$ 2,200.00	\$ 1,500.00	\$ 1,500.00
SC-07	Traffic Control Including Flaggers (George St.)	LS	1	\$ 2,242.00	\$ 2,242.00	\$ 3,300.00	\$ 3,300.00	\$ 2,700.00	\$ 2,700.00
SC-08	Traffic Control (Ridgeway Blvd.)	LS	1	\$ 1,528.00	\$ 1,528.00	\$ 1,900.00	\$ 1,900.00	\$ 1,500.00	\$ 1,500.00
SC-9	Traffic Control (Detour Route Ridgeway Blvd.)	LS	1	\$ 6,308.00	\$ 6,308.00	\$ 7,800.00	\$ 7,800.00	\$ 6,190.00	\$ 6,190.00
SC-10	Traffic Control (Temporary Traffic Signals George St.)	LS	1	\$ 3,160.00	\$ 3,160.00	\$ 3,900.00	\$ 3,900.00	\$ 3,100.00	\$ 3,100.00
SC-11	Tracking Pad	EA	2	\$ 760.00	\$ 1,520.00	\$ 800.00	\$ 1,600.00	\$ 1,000.00	\$ 2,000.00
				\$ 1,223,920.60		\$ 1,278,605.00		\$ 1,298,297.75	

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 13, 2017

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Consider Award of Contract for Project 17-03 Sewer Lining-CIPP.*

The Engineering Department received bids on Project 17-03 Pipe Lining - CIPP on March 2, 2017. The project consists of pipe lining and internal repairs of deteriorated sewers at locations around the City. The bids received are as follows:

Contractor	Amount
Insituform Technologies USA, Inc.	\$266,742.80
Hydro-Klean	\$271,370.40
Visu-Sewer, Inc.	\$278,081.25
McCanns Underground	\$313,206.00

There were issues that occurred with bidding this project. Bids were received late from Insituform Technologies USA, Inc. and McCanns Underground. Both bids were sent overnight priority shipping via FedEx. Due to FedEx shipping the bids to Memphis, Tennessee, the bids were received after the bid opening. Based on information received from FedEx, and that Insituform Technologies USA, Inc. and McCanns Underground did not have access to the bid after the bid opening to modify their bid, the bid was opened. A detailed discussion on this is included in a memo from the City Attorney.

The budgeted amount from the capital improvement budget is \$290,000. Funding will be from the sewage revenue fund.

The staff recommendation is to accept the bid from Insituform Technologies USA, Inc. in the amount of \$266,742.80.

ATTACHMENTS:

- Mayor&BPW-Insituform-McCanns Sewer Lining Bids3-13-17-162-004-02 (PDF)
- 17-03 Bid Tab(PDF)

CITY OF DE PERE

MEMO

To: Michael J. Walsh, Mayor
 Board of Public Works Members
 From: Judith Schmidt-Lehman, City Attorney
 RE: Project 17-03; Sewer Lining-CIPP
 Date: March 13, 2017

This memo addresses issues that arose in the receipt of bids for the above project and provides legal guidelines to follow in evaluating which bids to consider in determining the lowest responsible bidder for this project.

Bids on this project were due for opening at 1:00 PM on Thursday, March 2, 2017. Bids from Hydro-Klean and Visu-Sewer were received prior to the bid opening time. FedEx's delivery of the bid document packages for McCann's Rooter Sewer & Drain (d/b/a McCann's Underground) and Insituform Technologies USA, LLC were delayed (although the packages originated from different shipping locations) because both shipments were routed through a FedEx Location in Memphis, Tennessee while in transit to the City's Municipal Service Center. Attached are copies of the FedEx document tracking for each late bid. As you can see, both packages were delivered the day after they were due.

Both bid packages were accepted, pending legal review of the authority of the City to accept a late bid under the above circumstances.

The Wisconsin Court of Appeals has decided that municipalities have the discretion to decide whether or not to accept a late bid. That decision however, is subject to judicial review. *Power Systems Analysis, Inc. v. City of Bloomer*, 197 Wis. 2d 817, 824, 541 N.W.2d 214 (Ct. App. 1995). Judicial review of municipal discretionary decisions is generally limited to determining whether the City acted in an arbitrary or unreasonable manner. *Id.*, citing *Aqua-Tech, Inc. v. Como Lake Protect. & Rehab. Dist.*, 71 Wis. 2d 541, 550-51, 239 N.W.2d 25, 30 (1976).

Public bidding laws are designed to prevent fraud, collusion and favoritism in addition to ensuring that the public is provided the best work at the most reasonable price. Bid opening requirements are intended to further these goals by preventing a bidder from being able to undercut other bidders by obtaining information on the other bids before submitting their own.

Here, there is no indication that either McCann's or Insituform bids have an unfair advantage over the other bids on the project. FedEx logs show that the bid documents were in the sole custody of FedEx from 1:43 PM (Insituform) and 3:12 PM (McCann's) on March 1, 2017 until the City took custody of the documents on March 3, 2017. As such, neither bidder was in a position to obtain information on the other bids before completing its bid. Further, accepting these bids will not result in giving either bidder an unfair advantage or foster fraud. It will, however, provide additional bids on the project which fosters competitive pricing for the public.

Under these circumstances, I am of the opinion that the City could lawfully exercise its discretion to accept the late bids and evaluate them with the other bids received in determining the lowest responsible bidder on the project.

If you have any questions or concerns, please feel free to call me at 339-4042 to discuss.

JSL:amz

H:\azills\Memos\2017\Mayor & BPW-Insituform-McCanns Sewer Lining Bids-3-13-17-162-004-02.docx

3/2017

Track your package or shipment with FedEx Tracking

My Profile

Support

Locations

English

Search or tracking number



Shipping

Tracking

Manage

Learn

FedEx Office®

Login

FedEx Tracking

785769407944

Ship date:

Wed 3/01/2017

OREGON, WI US



Delivered

Signed for by: P.DAVIS

Actual delivery:

Fri 3/03/2017 10:24 am

DE PERE, WI US

Travel History

▲ Date/Time	Activity	Location
3/03/2017 - Friday		
10:24 am	Delivered	DE PERE, WI
8:44 am	On FedEx vehicle for delivery	GREEN BAY, WI
7:25 am	At local FedEx facility	GREEN BAY, WI
3/02/2017 - Thursday		
5:58 pm	At local FedEx facility	GREEN BAY, WI
5:26 pm	Delivery exception Customer not available or business closed	GREEN BAY, WI
1:52 pm	On FedEx vehicle for delivery	GREEN BAY, WI
1:39 pm	At local FedEx facility	GREEN BAY, WI
12:02 pm	At destination sort facility	APPLETON, WI
3:54 am	Departed FedEx location	MEMPHIS, TN
3/01/2017 - Wednesday		
11:59 pm	Arrived at FedEx location	MEMPHIS, TN
9:00 pm	Left FedEx origin facility	MADISON, WI
3:12 pm	Picked up	MADISON, WI
2:51 pm	Shipment information sent to FedEx	

Shipment Facts

Tracking number	785769407944	Service	FedEx Priority Overnight
Weight	0.5 lbs / 0.23 kgs	Delivered To	Receptionist/Front Desk
Total pieces	1	Total shipment weight	0.5 lbs / 0.23 kgs
Terms	Shipper	Invoice number	PKG ID: 68801
Shipper reference	McCann's Rooter Sewer & Dral	Packaging	FedEx Envelope
Special handling section	Deliver Weekday	Standard transit	3/02/2017 by 10:30 am



Search or tracking number

Customer Focus

New Customer Center
Small Business Center
Service Guide
Customer Support

Company Information

About FedEx
Careers
Investor Relations
Subscribe to FedEx email

Featured Services

FedEx Delivery Manager
FedEx SameDay
FedEx Home Delivery
FedEx TechConnect
FedEx HealthCare Solutions
Online Retail Solutions
Packaging Services
Ancillary Clearance Services

Other Resources*

FedEx Compatible
Developer Resource Center
FedEx Ship Manager Software
FedEx Mobile

Companies

FedEx Express
FedEx Ground
FedEx Office
FedEx Freight
FedEx Custom Critical
FedEx Trade Networks
FedEx Cross Border
FedEx Supply Chain

Follow FedEx

United States

Ask FedEx

3/3/2017

Track your package or shipment with FedEx Tracking

My Profile | Support | Locations | English

Search or tracking number



Shipping

Tracking

Manage

Learn

FedEx Office®

Ross Kramer

FedEx® Tracking

778526515614

Ship date:

Wed 3/01/2017

Actual delivery:

Fri 3/03/2017 10:24 am

Insituform Technologies USA, LLC
 Mitchell Hoeft
 4080 Idaho Ave N.
 CRYSTAL, MN US 55427
 651 253-0236

Delivered

Signed for by: P.DAVIS

City of De Pere
 Municipal Service Center
 925 South Sixth Street
 DE PERE, WI US 54115
 651 253-0236

Travel History

Date/Time	Activity	Location
- 3/03/2017 - Friday		
10:24 am	Delivered	DE PERE, WI
8:44 am	On FedEx vehicle for delivery	GREEN BAY, WI
7:25 am	At local FedEx facility	GREEN BAY, WI
- 3/02/2017 - Thursday		
5:58 pm	At local FedEx facility	GREEN BAY, WI
5:26 pm	Delivery exception Customer not available or business closed	GREEN BAY, WI
1:52 pm	On FedEx vehicle for delivery	GREEN BAY, WI
1:26 pm	At local FedEx facility	GREEN BAY, WI
12:02 pm	At destination sort facility	APPLETON, WI
4:13 am	Departed FedEx location	MEMPHIS, TN
- 3/01/2017 - Wednesday		
11:34 pm	Arrived at FedEx location	MEMPHIS, TN
7:30 pm	Left FedEx origin facility	MAPLE GROVE, MN
6:39 pm	Picked up	MAPLE GROVE, MN
1:43 pm	Picked up	PLYMOUTH, MN
	Tendered at FedEx Office	
- 2/27/2017 - Monday		
3:29 pm	Shipment information sent to FedEx	

Shipment Facts

Tracking number	778526515614	Service	FedEx Priority Overnight
Weight	0.5 lbs / 0.23 kgs	Delivery attempts	2
Delivered To	Receptionist/Front Desk	Total pieces	1
Total shipment weight	0.5 lbs / 0.23 kgs	Terms	Not Available
Packaging	FedEx Envelope	Special handling section	Deliver Weekday
Customer exception request number (CER)	0302761126	Standard transit	3/02/2017 by 10:30 am



Search or tracking number

Customer Focus
 New Customer Center
 Small Business Center
 Service Guide
 Customer Support

Company Information
 About FedEx
 Careers
 Investor Relations
 Subscribe to FedEx email

Featured Services
 FedEx Delivery Manager
 FedEx SameDay
 FedEx Home Delivery
 FedEx TechConnect
 FedEx HealthCare Solutions
 Online Retail Solutions
 Packaging Services
 Ancillary Clearance Services

Other Resources
 FedEx Compatible

Companies
 FedEx Express
 FedEx Ground
 FedEx Office
 FedEx Freight
 FedEx Custom Critical
 FedEx Trade Networks
 FedEx Cross Border
 FedEx Supply Chain

Follow FedEx

United States - English

Ask FedEx

BID TAB



				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3		BIDDER NO. 4	
				INSITUFORM TECHNOLOGIES USA		HYDRO-KLEAN		VISU-SEWER		MCCANNS UNDERGROUND	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
SP-01	8-Inch CIPP – East and West Vista Circle	LF	2727	\$ 21.30	\$ 58,085.10	\$ 20.40	\$ 55,630.80	\$ 21.75	\$ 59,312.25	\$ 24.00	\$ 65,448.00
SP-02	8-Inch CIPP – Helena Street	LF	1137	\$ 21.40	\$ 24,331.80	\$ 20.40	\$ 23,194.80	\$ 21.75	\$ 24,729.75	\$ 24.00	\$ 27,288.00
SP-03	8-Inch CIPP – Fay Court	LF	680	\$ 21.90	\$ 14,892.00	\$ 20.40	\$ 13,872.00	\$ 21.75	\$ 14,790.00	\$ 24.00	\$ 16,320.00
SP-04	8-Inch CIPP – Westwood Drive	LF	770	\$ 19.30	\$ 14,861.00	\$ 20.40	\$ 15,708.00	\$ 21.75	\$ 16,747.50	\$ 24.00	\$ 18,480.00
SP-05	8-Inch CIPP – Willard Terrace	LF	598	\$ 19.20	\$ 11,481.60	\$ 20.40	\$ 12,199.20	\$ 21.75	\$ 13,006.50	\$ 24.00	\$ 14,352.00
SP-06	8-Inch CIPP – Voelker Street	LF	649	\$ 21.50	\$ 13,953.50	\$ 20.40	\$ 13,239.60	\$ 21.75	\$ 14,115.75	\$ 24.00	\$ 15,576.00
SP-07	8-Inch CIPP – Easement (Nob Hill Lane to Colony Drive)	LF	1237	\$ 19.40	\$ 23,997.80	\$ 20.40	\$ 25,234.80	\$ 21.75	\$ 26,904.75	\$ 24.00	\$ 29,688.00
SP-08	8-Inch CIPP – Bruss Street	LF	725	\$ 21.40	\$ 15,515.00	\$ 20.40	\$ 14,790.00	\$ 21.75	\$ 15,768.75	\$ 24.00	\$ 17,400.00
SP-09	8-Inch CIPP – Mt Olivet Drive	LF	453	\$ 24.90	\$ 11,279.70	\$ 20.40	\$ 9,241.20	\$ 21.75	\$ 9,852.75	\$ 24.00	\$ 10,872.00
SP-10	8-Inch CIPP – Rebman Street	LF	592	\$ 18.80	\$ 11,129.60	\$ 20.40	\$ 12,076.80	\$ 21.75	\$ 12,876.00	\$ 24.00	\$ 14,208.00
SP-11	12-Inch CIPP – Helena Street	LF	1165	\$ 28.90	\$ 33,668.50	\$ 29.50	\$ 34,367.50	\$ 30.90	\$ 35,998.50	\$ 35.00	\$ 40,775.00
SP-12	15-Inch CIPP – Fox River Trail	LF	751	\$ 41.70	\$ 31,316.70	\$ 40.70	\$ 30,565.70	\$ 41.25	\$ 30,978.75	\$ 49.00	\$ 36,799.00
SP-13	Televising Sanitary Sewer Laterals	EA	15	\$ 148.70	\$ 2,230.50	\$ 750.00	\$ 11,250.00	\$ 200.00	\$ 3,000.00	\$ 400.00	\$ 6,000.00
	TOTAL BID				\$ 266,742.80		\$ 271,370.40		\$ 278,081.25		\$ 313,206.00

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 13, 2017

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Consider Award of Contract for Project 17-15 Sewer Cleaning and
Televising.*

The Engineering Department received bids on Project 17-15 Sewer Cleaning and Televising on March 2, 2017. The project includes cleaning and televising of sewers. The bids received are as follows:

Contractor	Amount
Speedy Clean Drain and Sewer	\$40,800.00
PLC Water Jetting Service, Inc.	\$43,140.00
Northern Pipe	\$44,947.50
Great Lakes TV Seal, Inc.	\$53,010.00
Green Bay Pipe and TV, LLC	\$54,942.50
Michels Corporation	\$342,717.50

The budgeted amount for the project from the capital improvement fund is \$45,000. Funding will be \$43,000 from the storm water utility fund and \$2,000 from the sewage revenue fund.

Staff recommendation is to award the bid to Speedy Clean Drain and Sewer in the amount of \$40,800.00.

ATTACHMENTS:

- 17-15 Bid Tab(PDF)

PROJECT 17-15 SEWER CLEANING AND TELEVISING

BID TAB



				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3		BIDDER NO. 4		BIDDER NO. 5		BIDDER NO. 6	
				SPEEDY CLEAN DRAIN AND SEWER		PLC WATER JETTING SERVICE, INC		NORTHERN PIPE		GREAT LAKES TV SEAL, INC		GREEN BAY PIPE AND TV, LLC		MICHELS CORPORATION	
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
SP-01	Storm Sewer Cleaning (8-27 Inch)	LF	38,500	\$ 0.35	\$ 13,475.00	\$ 0.43	\$ 16,555.00	\$ 0.43	\$ 16,555.00	\$ 0.39	\$ 15,015.00	\$ 0.45	\$ 17,325.00	\$ 1.50	\$ 57,750.00
SP-02	Storm Sewer Cleaning (30-48 Inch)	LF	8,250	\$ 0.35	\$ 2,887.50	\$ 0.43	\$ 3,547.50	\$ 0.45	\$ 3,712.50	\$ 0.39	\$ 3,217.50	\$ 0.50	\$ 4,125.00	\$ 2.80	\$ 23,100.00
SP-03	Storm Sewer Cleaning (54 Inch and Larger)	LF	2,250	\$ 0.35	\$ 787.50	\$ 0.43	\$ 967.50	\$ 0.48	\$ 1,080.00	\$ 0.39	\$ 877.50	\$ 0.58	\$ 1,305.00	\$ 8.00	\$ 18,000.00
SP-04	Storm Sewer Heavy Cleaning (8-27 Inch)	LF	15,000	\$ 0.35	\$ 5,250.00	\$ -	\$ -	\$ 0.10	\$ 1,500.00	\$ 0.85	\$ 12,750.00	\$ 0.42	\$ 6,300.00	\$ 5.75	\$ 86,250.00
SP-05	Storm Sewer Heavy Cleaning (30-48 Inch)	LF	2,000	\$ 0.35	\$ 700.00	\$ -	\$ -	\$ 0.50	\$ 1,000.00	\$ 0.95	\$ 1,900.00	\$ 0.47	\$ 940.00	\$ 19.00	\$ 38,000.00
SP-06	Storm Sewer Heavy Cleaning (54 Inch and Larger)	LF	1,000	\$ 0.35	\$ 350.00	\$ -	\$ -	\$ 0.50	\$ 500.00	\$ 1.10	\$ 1,100.00	\$ 0.55	\$ 550.00	\$ 42.00	\$ 42,000.00
SP-07	Storm Sewer Televising (8-27 Inch)	LF	38,500	\$ 0.35	\$ 13,475.00	\$ 0.43	\$ 16,555.00	\$ 0.40	\$ 15,400.00	\$ 0.35	\$ 13,475.00	\$ 0.48	\$ 18,480.00	\$ 1.00	\$ 38,500.00
SP-08	Storm Sewer Televising (30-48 Inch)	LF	8,250	\$ 0.35	\$ 2,887.50	\$ 0.43	\$ 3,547.50	\$ 0.40	\$ 3,300.00	\$ 0.35	\$ 2,887.50	\$ 0.49	\$ 4,042.50	\$ 1.90	\$ 15,675.00
SP-09	Storm Sewer Televising (54 Inch and Larger)	LF	2,250	\$ 0.35	\$ 787.50	\$ 0.43	\$ 967.50	\$ 0.40	\$ 900.00	\$ 0.35	\$ 787.50	\$ 0.50	\$ 1,125.00	\$ 5.25	\$ 11,812.50
SP-10	Sewer Pipe Root Cutting (8 Inch and Larger)	LF	1,000	\$ 0.15	\$ 150.00	\$ 0.50	\$ 500.00	\$ 0.50	\$ 500.00	\$ 0.75	\$ 750.00	\$ 0.50	\$ 500.00	\$ 5.13	\$ 5,130.00
SP-11	Removal Mineral Deposits	LF	500	\$ 0.10	\$ 50.00	\$ 1.00	\$ 500.00	\$ 1.00	\$ 500.00	\$ 0.50	\$ 250.00	\$ 0.50	\$ 250.00	\$ 13.00	\$ 6,500.00
					\$ 40,800.00		\$ 43,140.00		\$ 44,947.50		\$ 53,010.00		\$ 54,942.50		\$ 342,717.50

Attachment: 17-15 Bid Tab (5613 : Consider Award of Contract for Project 17-15 Sewer Cleaning and

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 13, 2017

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Consider Quote for 2017 Materials Testing and Soil Borings.*

The Engineering Department received proposals for materials testing that will be completed in conjunction with the City's 2017 construction projects. The total cost of this work was estimated using 2016 final quantities as follows:

Materials Testing	Estimate
PSI	\$33,375.60
BATC	\$33,830.10
RVT	\$34,129.16

Soil Boring	Estimate
PSI	\$3,180.00
RVT	\$3,550.00
BATC	Do not perform soil borings

The staff recommendation is to accept the quote from PSI for the Material Testing estimated at \$33,375.60 and the quote from PSI for the Soil Boring estimated at \$3,180.00. Funds for this work are budgeted in the various capital projects accounts.

ATTACHMENTS:

- PSI Proposal No. 0093-201833 - CMT.GEO - 2017 De Pere Annual Contract (PDF)

February 15, 2017

Mr. Chase Kuffel
City of De Pere – Assistant City Engineer
925 South Sixth Street
De Pere, WI 54115-1199

Subject: Proposal for Construction Materials and Soil Testing Services
2017 Annual Construction and Soil Testing Contract
City of De Pere
PSI Proposal No. 0093-201833

Dear Mr. Kuffel,

In accordance with your request, Professional Service Industries, Inc. (PSI) is pleased to submit this proposal for providing construction materials and soil testing services for the above referenced project. The purpose of the services provided by this proposal will be to determine whether the construction observed and materials tested are in compliance with the project specifications within the scope of our work. A brief description of our understanding of the project, scope of work to be provided, proposed method of performance and associated fees is included herein.

PSI's fees will be determined by the actual time expended by our personnel for this project and the amount of field and laboratory testing performed, and therefore directly dependent on the actual construction period, and the extent of our involvement.

Project Description

It is understood that the City of De Pere plans to select a firm to perform construction testing services during the 2017 Capital Improvement Program. The program includes projects in the following categories: new street construction, street reconstruction, street milling and overlay, sanitary sewer improvements, water system improvements, storm sewer improvements, concrete replacement (curb & gutter, sidewalk, driveway, street), and concrete street construction/reconstruction within the City of De Pere.

Scope of Work

Professional Service Industries, Inc. (PSI) proposes to provide the following construction monitoring and testing quality control program to document whether the construction observed and the materials tested are in conformance with the project's contract documents.

Earthwork Testing

Provide an engineering technician on a part time basis during the grading phase of the project to:

- Perform field density testing by nuclear gauge method to assess degree of compaction during placement of engineered fill, backfill, and base materials.
- Prior to the commencement of these activities, at the request of the City of De Pere, the proposed fill and subbase materials will be sampled to determine their suitability for use on the project.
- When fill materials have been selected, Moisture Density Relationship Testing will be performed for each soil type.

Reinforced Concrete Testing

Provide an engineering technician (ACI certified concrete technician) during placement of structural concrete for foundations, walls, columns, and slabs to:

- Perform field quality control tests and cast cylinder specimens during the placement of concrete as required per project specifications.
- Pick up and deliver concrete test specimens to our laboratory for curing and compressive strength testing.

Asphalt Testing

Provide an engineering technician on a part time basis during pavement construction to:

- Check placement of aggregate base and perform field density testing.
- Monitor placement of asphaltic concrete in regards to thickness, temperature and compaction.

Soil Borings

Provide a drill crew and truck-mounted drill rig to perform subsurface explanations, as required by City personnel. The amount of drilling and boring locations will be determined by City personnel on a job-to-job basis.

Other Services

In addition to the construction testing services described above, PSI can also provide field and laboratory testing and consultation services in numerous other construction areas. These services include floor flatness testing and fireproofing, as well as various specialized laboratory tests. PSI has experienced materials technicians and engineers, to provide laboratory testing and on-site observation and documentation services. In expanding the construction testing and consultation services to include these other areas, we can offer greater assurance that the work is executed in compliance with the project specifications by means of interdisciplinary communications and efficient problem solving.

Method of Performance

PSI will provide experienced technicians and/or engineers whose principal duty will be to document through testing and visual observations, whether the quality of the construction materials tested are in conformance with the project's construction documents, within the limits of our authorized scope of services. These individuals will be trained in all aspects of the field testing they perform and will have proven their testing capabilities on previous projects.

A project engineer will also be assigned to the project to provide engineering review, management and consultation services as required during the project. Their responsibility is to ensure the quality and integrity of our field and lab services, and provide assistance as required. The initial project set-up and staffing will be the responsibility of our project manager. Technical Consultants will also be available for the project to provide consultation and engineering as required during the project. Results of the field tests will be verbally issued to the contractor at the end of each day. Final reports will be typewritten and issued monthly, or as directed by the client, during the duration of the project.

Project Reporting

PSI representative's will input all field data in a handheld field phone through the PSI QESTField operating system, and then the reports will be distributed to the client electronically through the PSI Construction Hive.

The field report turnaround time for daily inspections is in as little as one day from the initial inspection. The compressive strength report turnaround time is in as little as the same day from the date of the test.

Please note that our services do not include supervision or direction of the actual construction work. Also, be aware that neither the presence of our field representative nor the observation and testing by our firm shall imply PSI's responsibility for defects discovered in the construction work. It is understood that our firm will not be responsible for job or site safety on this project. Job site safety will be the sole responsibility of others.

Fees

Professional Service Industries, Inc. (PSI) proposes to provide the above referenced services on a unit charge basis in accordance with the City's Proposed Fee Schedule, PSI's Standard Fee Schedules and pursuant to the General Conditions, which are enclosed herein and considered part of this agreement. PSI's fees will be determined by the actual time expended by our personnel for this project and the amount of field and laboratory testing performed, and therefore directly dependent on the actual construction period, extent of our involvement, and the testing requirements outlined in the project specifications. If necessary, approval for any additional work and related costs beyond the estimated total will be obtained from the client prior to its performance. We request that the field services be scheduled at least 24 hours in advance.

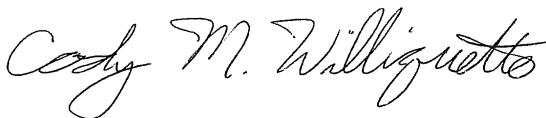
Closing

PSI will proceed with the work on the basis of your written authorization, please acknowledge receipt and acceptance of the agreement by signing, and return one copy for our files. PSI will not be able to submit any written reports until we have received an executed copy of this proposal. If there are any questions regarding this agreement or other matters, please do not hesitate to call. PSI looks forward to working with you on this project.

We sincerely appreciate this opportunity to offer our services. If you have any questions concerning this proposal or if additional information is needed, please contact us at any time. We are looking forward to working with you on this project.

Respectfully submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.



Cody M. Williquette
Staff Engineer



G. Mike Greil
Branch Manager

Attachments: Proposal Acceptance;
 Fee Schedules (2);
 City of De Pere Fee Schedule;
 General Conditions

Remarks

Unit prices are in effect for twelve months from the date of this proposal and are subject to change without notice thereafter. PSI must receive signed authorization from the client before twelve months pass in order for PSI to guarantee the unit prices proposed herein.

Please notify PSI before 3:00 pm the day before our services are required for the scheduling or cancellation services. After that time, we will make every effort to schedule or cancel, but we cannot guarantee results. Same day service will be billed at the rate according to availability of personnel. Day of call-ins will result in an additional 0.5 hour of project engineer for coordination.

Allow 4 working days for tests and evaluation of soil samples. A 50% surcharge will apply to rush laboratory work.

Services are portal-to-portal with a minimum of 3 hours for site visits. Fractions of hours will be rounded up to the nearest hour for billing purposes.

An overtime multiplier of 1.5 will be used for services performed on Saturday, Sunday or holidays; for work scheduled outside the hours of 7:30 a.m. to 5:00 p.m.; or for more than eight (8) hours per day.

A \$150.00 setup fee applies for initial project specification review and project setup. An engineering review charge of 0.5 hour per technician day for coordination, communication, supervision, and report review and 0.5 hour per set of compressive strength specimens are applicable. The prices listed above include unlimited email distribution of PSI reports.

The Client holds PSI harmless for delays in construction caused by unanticipated conditions at the subject project. These delays may require PSI to dispatch an Engineer at the earliest possible time to assess the conditions and provide corrective recommendations. Declarations for compacted fill in buildings, roadways or utility trenches will be provided for those areas identified by a certified site grading stake out and monitored on a full-time basis by this office. These declarations will be in effect for 90 days after completion of fill operations monitored by this office. Delay in starting actual construction of improvements may be cause for this office to perform additional tests at the client's expense to verify that conditions remain unchanged from the last day of PSI's full-time soil fill control inspection.

PROPOSAL ACCEPTANCE:

AGREED TO, THIS _____ • DAY OF _____, 2017.

BY (please print): _____

TITLE: _____

COMPANY: _____

****SIGNATURE:** _____

PROJECT INFORMATION:

1. Project Name: _____

2. Project Location: _____

3. Your Job No: _____ Purchase Order No.: _____

4. Project Manager: _____ Telephone No.: _____

5. Site Contact: _____ Telephone No.: _____

6. Number and Distribution of Reports:

() Copies To: _____ () Copies To: _____

Attn: _____ Attn: _____

Email: _____ Email: _____

7. Invoicing Address: _____

Attn: _____

8. Other Pertinent Information Or Previous Subsurface Information Available:

PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI)
CONSTRUCTION TESTING AND ENGINEERING STANDARD FEE SCHEDULE

ENGINEERING SERVICES

Engineering services for on-site monitoring and evaluation, construction materials testing, job site meetings, report preparation and review, and consultation.

Project Engineer	\$80.00/Hour	Staff Engineer	\$60.00/Hour
Project Manager	\$60.00/Hour	Clerical	\$30.00/Hour
		Project Set-Up Fee (one-time fee)	\$150.00/Lump

FIELD TESTING SERVICES

Technical services for on-site monitoring and testing of materials for earthwork, foundations, concrete, masonry, structural steel, fireproofing, roofing, and pavement construction.

Sample Pick Up	\$50.00/Each	Nuclear Density Gauge	\$40.00/Day
Senior Engineering Technician	\$44.00/Hour	Nuclear Density Gauge	\$25.00/Half Day
Engineering Technician	\$35.00/Hour	Support Vehicle	\$0.25/Per Mile
Structural Technician	\$70.00/Hour	Concrete Cylinder Molds	\$30.00/box(20)
Mobilization of Drilling Equip.	\$250.00/Hour	Drilling Support Truck	\$50.00/Day

LABORATORY TESTING SERVICES

Concrete Compression Test		Density with Moisture Content	\$25.00/Each
Cylinder Cast by PSI	\$11.00/Each	Organic Content (Loss on Ignition)	\$25.00/Each
Cylinder Cast by City	\$11.00/Each	Percent Finer No. 200	\$30.00/Each
Spare Cylinder	\$11.00/Each	Grain size - Mechanical	\$60.00/Each
Concrete Core Compression Test	\$30.00/Each	Grain size - Hydrometer	\$75.00/Each
Aggregate Sieve Analysis	\$65.00/Each	Atterberg Limits	\$45.00/Each
Mortar Cube Compression Test	\$9.50/Each	Standard Proctor	\$105.00/Each
Grout Cylinder Compression Test	\$15.00/Each	Modified Proctor	\$115.00/Each
CMU Compression Test	\$30.00/Each	California Bearing Ratio	\$150.00/Each
Asphalt Core Density	\$25.00/Each	Permeability, Granular Soil	\$225.00/Each
MTSG Test	\$50.00/Each	Permeability, Cohesive Soil	\$275.00/Each
Asphalt Extraction/Gradation	\$150.00/Each	Sample Prep/Remolding	\$35.00/Each
Marshall Density Test	\$135.00/Each	Permeability, Granular Soils	\$230.00/Each
Moisture Content	\$5.00/Each	Permeability, Cohesive Soils	\$280.00/Each

REMARKS - Personnel charges will be based on a portal-to-portal basis; **a minimum charge of 3 hours will apply for all Field Testing Services.** One (1) day advance scheduling is requested for all field testing services; same-day scheduling will be subject to a premium rate of 1.3 times the standard rate. Where a support vehicle is not needed, a transportation charge of \$0.50 per mile will be added for travel to and from the site, and other job related travel. Project Engineer for contract administration, scheduling, report review and consultation will be charged to all reports at a minimum rate of one half hour per report. An overtime multiplier of 1.5 will be used for services performed on Saturday, Sunday or holidays; for work scheduled outside the hours of 7:30 a.m. to 5:00 p.m.; or for more than eight (8) hours per day.

The above prices include up to four (4) copies of the report distributed as requested. Payment for invoices will be due within 15 days of receipt of invoice. Interest will be added at a rate of 1 1/2% per month of delinquency. Proposal estimates and verbal quotations will remain valid for 60 days, at which time they may be subject to change or withdrawal.

PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI)
GEOTECHNICAL SERVICES STANDARD FEE SCHEDULE

ENGINEERING SERVICES

Engineering & Technical services for site reconnaissance, boring locations, field supervision, water level measurements & sampling, engineering evaluation, analysis & consultation.

Project Engineer	\$80.00 Per Hour	Staff Engineer	\$60.00 Per Hour
Project Manager	\$60.00 Per Hour	Clerical	\$30.00 Per Hour
		Project Set-Up Fee (one time fee)	\$150.00/Lump

FIELD SERVICES

Mobilization of Drilling Equip.	\$250.00 Per Day	Boring Layout	\$50.00 Per Hour
Support Vehicle	\$50.00 Per Day	Standby & Problem Access Time	\$125.00 Per Hour
All-terrain Drill Rig	\$750.00 Per Day	Betonite Backfill	\$2.00 Per Foot

Soil Drilling with Split-spoon (ASTM D-1586) or Shelby Tube (ASTM D-1587) sampling at 5-foot intervals:

Depth Range	Unit Charges Per Foot 3 1/4", 4 1/4" I.D. Auger		Unit Charges Per Foot 6 1/4" I.D. Auger		Extra SS or ST Samples
	Easy Drilling*	Hard Drilling**	Easy Drilling*	Hard Drilling**	
0 - 25 ft.	\$12.00	\$13.00	\$14.00	\$16.00	\$10.00
25 - 50 ft.	\$13.00	\$15.00	\$16.00	\$18.00	\$14.00
50 - 75 ft.	\$15.00	\$18.00	\$19.00	\$21.00	\$18.00
75 - 100 ft.	\$17.00	\$20.00	\$24.00	\$27.00	\$22.00

* N-count of 40 blows or less, or Qu or Qp less than 4 tsf

** N-count greater than 40 blows, or Qu or Qp greater than 4 tsf

Drilling with 12-1/4" I.D. Auger will be quoted upon request.

Auger Drilling without sampling	\$9.00 Per Foot	Shelby Tubes, 2" diameter	\$25.00 Each
Rock Coring with Diamond Bit	\$55.00 Per Foot	3" diameter	\$30.00 Each
Rock Boring with 3" Roller Bit	\$50.00 Per Foot	Drilling mud as needed	\$2.50 Per Foot
Rock Coring & Boring Set-up Charge	\$250.00 Per Hole	Pavement Cold-Patch at boreholes	\$25.00 Per Hole

LABORATORY TESTING

Visual Engineering Classification	\$4.00 Per Test	Unconfined compression tests,	
Hand Penetrometer Test	\$4.00 Per Test	remac	\$5.00 Per Test
Moisture Content Test	\$4.00 Per Test	without stress-strain curve	\$25.00 Per Test
Organic Content Test	\$30.00 Per Test	with stress-strain curve	\$40.00 Per Test
Density Determination with Moisture Content	\$25.00 Per Test	California Bearing Ratio (CBR)	\$175.00 Per Test
Atterberg Limits Determination	\$50.00 Per Test	Consolidation Test, Maximum 16 tsf	Upon Request
Grain Size Analysis, Mechanical	\$65.00 Per Test	Additional Unload-Reload Points	Upon Request
Grain Size Analysis, Mechanical & Hydrometer	\$75.00 Per Test	Permeability, Rigid Wall	\$230.00 Per Test
Moisture Density Relationship		Permeability, Flexible Wall	\$280.00 Per Test
Standard Method, ASTM D-698	\$125.00 Per Test	Preparation of Shelby Tube Sample	\$15.00 Per Tube
Modified Method, ASTM D-1557	\$135.00 Per Test	Sample preparation/remolding	\$30.00 Each

REMARKS

Charges for monitoring well installation, analytical testing services, and special equipment or sampling techniques not included herein, will be quoted upon request. Rental equipment & commercial transportation charges will be billed at cost plus 15%. A per diem charge of \$150.00/day will be billed as applicable. Invoices will be submitted monthly, with payment due within 30 days of invoice date. Interest will be added at a rate of 1½% per month of delinquency. Proposal estimates & verbal quotations will remain valid for 60 days, at which time they may be subject to change or withdrawal.

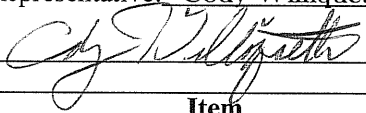
Proposed Fee Schedule

Company Name: Professional Service Industries, Inc. (PSI)

Company Address: 2740 Packerland Drive, Suite F

Company Address: Green Bay, Wisconsin 54313

Company Representative: Cody Williquette

Signature: 

Item	Fee	Unit
Engineering Services		
Project Manager	\$60.00	Per hour
Project Engineer	\$80.00	Per hour
Staff Engineer	\$60.00	Per hour
Field Technician		
Senior Technician	\$44.00	Per hour
Technician	\$35.00	Per hour
Clerical	\$30.00	Per hour
Mileage	\$0.25	Per mile
Laboratory Testing Services		
Standard Proctor	\$105.00	Per each
Modified Proctor	\$115.00	Per each
Concrete Compression Test (Cylinder by Company)	\$11.00	Per each
Concrete Compression Test (Cylinder by City)	\$11.00	Per each
Handling of Backup Cylinders	\$11.00	Per each
Aggregate Sieve Analysis	\$60.00	Per each
Atterberg Limits	\$45.00	Per each
Permeability, Granular Soils	\$225.00	Per each
Permeability, Cohesive Soils	\$275.00	Per each
Field Technician Services		
Sample Pickup	\$50.00	Per each
Support Vehicle	\$0.25	Per mile
Nuclear Density Gauge	\$25.00	Per ½ day
Nuclear Density Gauge	\$40.00	Per day
Soil Boring		
Mobilization	\$250.00	Per each
		Per vertical
Soil Boring	\$12.00	foot
Report	\$800.00	Per each

1. **PARTIES AND SCOPE OF WORK:** Professional Service Industries Inc. ("PSI") shall include said company or its particular division, subsidiary or affiliate performing the work. "Work" means the specific service to be performed by PSI as set forth in PSI's proposal, Client's acceptance thereof and these General Conditions. Additional work ordered by Client shall also be subject to these General Conditions. "Client" refers to the person or business entity ordering the work to be done by PSI. If Client is ordering the work on behalf of another, Client represents and warrants that it is the duly authorized agent of said party for the purpose of ordering and directing said work. Unless otherwise stated in writing, Client assumes sole responsibility for determining whether the quantity and the nature of the work ordered by the Client are adequate and sufficient for Client's intended purpose. Client shall communicate these General Conditions to each and every third party to whom Client transmits any part of PSI's work. PSI shall have no duty or obligation to any third party greater than that set forth in PSI's proposal, Client's acceptance thereof and these General Conditions. The ordering of work from PSI, or the reliance on any of PSI's work, shall constitute acceptance of the terms of PSI's proposal and these General Conditions, regardless of the terms of any subsequently issued document.
2. **TESTS AND INSPECTIONS:** Client shall cause all tests and inspections of the site, materials and work performed by PSI or others to be timely and properly performed in accordance with the project specifications and contract documents and PSI's recommendations. No claims for loss, damage or injury shall be brought against PSI by Client or any third party unless all tests and inspections have been performed and unless PSI's recommendations have been followed. Client agrees to indemnify, defend and hold PSI, its officers, employees and agents harmless from any and all claims, suits, losses, costs and expenses, including, but not limited to, court costs and reasonable attorney's fees in the event that all such tests and inspections are not so performed or PSI's recommendations are not so followed.
3. **PREVAILING WAGES:** This proposal specifically excludes compliance with any project labor agreement, labor agreement, or other union or apprenticeship requirements. In addition, unless explicitly agreed to in the body of this proposal, this proposal specifically excludes compliance with any state or federal prevailing wage law or associated requirements, including the Davis Bacon Act. It is agreed that no applicable prevailing wage classification or wage rate has been provided to PSI, and that all wages and cost estimates contained herein are based solely upon standard, non-prevailing wage rates. Should it later be determined by the Owner or any applicable agency that in fact prevailing wage applies, then it is agreed that the contract value of this agreement shall be equitably adjusted to account for such change of circumstance. Client will reimburse, defend, indemnify and hold harmless PSI from and against any liability resulting from a subsequent determination that prevailing wage regulations cover the Project, including all costs, fines and attorney's fees.
4. **SCHEDULING OF WORK:** The services set forth in PSI's proposal and Client's acceptance will be accomplished by PSI personnel at the prices quoted. If PSI is required to delay commencement of the work or if, upon embarking upon its work, PSI is required to stop or interrupt the progress of its work as a result of changes in the scope of the work requested by Client, to fulfill the requirements of third parties, interruptions in the progress of construction, or other causes beyond the direct reasonable control of PSI, additional charges will be applicable and payable by Client.
5. **ACCESS TO SITE:** Client will arrange and provide such access to the site and work as is necessary for PSI to perform the work. PSI shall take reasonable measures and precautions to minimize damage to the site and any improvements located thereon as the result of its work or the use of its equipment.
6. **CLIENT'S DUTY TO NOTIFY ENGINEER:** Client warrants that it has advised PSI of any known or suspected hazardous materials, utility lines and pollutants at any site at which PSI is to do work, unless PSI has assumed in writing the responsibility of locating subsurface objects, structures, lines or conduits. Client agrees to defend, indemnify and save PSI harmless from all claims, suits, losses, costs and expenses, including reasonable attorney's fees as a result of personal injury, death or property damage occurring with respect to PSI's performance of its work and resulting to or caused by contact with subsurface or latent objects, structures, lines or conduits where the actual or potential presence and location thereof were not revealed to PSI by Client.
7. **RESPONSIBILITY:** PSI's work shall not include determining, supervising or implementing the means, methods, techniques, sequences or procedures of construction. PSI shall not be responsible for evaluating, reporting or affecting job conditions concerning health, safety or welfare. PSI's work or failure to perform same shall not in any way excuse any contractor, subcontractor or supplier from performance of its work in accordance with the contract documents. Client agrees that it shall require subrogation to be waived against PSI and for PSI to be added as an Additional Insured on all policies of insurance including any policies required of Client's contractors or subcontractors, covering any construction or development activities to be performed on the project site. PSI has no right or duty to stop the contract work.
8. **SAMPLE DISPOSAL:** Test specimens will be disposed immediately upon completion of the test. All drilling samples will be disposed sixty (60) days after submission of PSI's report.
9. **PAYMENT:** The quantities and fees provided in this proposal are PSI's estimate based on information provided by Client and PSI's experience on similar projects. The actual total amount due to PSI shall be based on the actual final quantities provided by PSI at the unit rates provided herein. Where Client directs or requests additional work beyond the contract price it will be deemed a change order and PSI will be paid according to the fee schedule. Client shall be invoiced once each month for work performed during the preceding period. Client agrees to pay each invoice within thirty (30) days of its receipt. Client further agrees to pay interest on all amounts invoiced and not paid or objected to for valid cause in writing within said thirty (30) day period at the rate of eighteen (18) percent per annum (or the maximum interest rate permitted under applicable law), until paid. Client agrees to pay PSI's cost of collection of all amounts due and unpaid after thirty (30) days, including court costs and reasonable attorney's fees. PSI shall be bound by any provision or agreement requiring or providing for arbitration of disputes or controversies arising out of this agreement, any provision wherein PSI waives any rights to a mechanics' lien or any provision conditioning PSI's right to receive payment for its work upon payment to Client by any third party. These General Conditions are notice, where required, that PSI shall file a lien whenever necessary to collect past due amounts. Failure to make payment within 30 days of invoice shall constitute a release of PSI from any and all claims which Client may have, whether in tort, contract or otherwise, and whether known or unknown at the time.
10. **ALLOCATION OF RISK: CLIENT AGREES THAT PSI'S SERVICES WILL NOT SUBJECT PSI'S INDIVIDUAL EMPLOYEES, OFFICERS OR DIRECTORS TO ANY PERSONAL LIABILITY, AND THAT NOTWITHSTANDING ANY OTHER PROVISION OF THIS AGREEMENT, CLIENT AGREES THAT ITS SOLE AND EXCLUSIVE REMEDY SHALL BE TO DIRECT OR ASSERT ANY CLAIM, DEMAND, OR SUIT ONLY AGAINST PSI. STATEMENTS MADE IN PSI REPORTS ARE OPINIONS BASED UPON ENGINEERING JUDGMENT AND ARE NOT TO BE CONSTRUED AS REPRESENTATIONS OF FACT. SHOULD PSI OR ANY OF ITS EMPLOYEES BE FOUND TO HAVE BEEN NEGLIGENT IN THE PERFORMANCE OF ITS WORK, OR TO HAVE MADE AND BREACHED ANY EXPRESS IMPLIED WARRANTY, REPRESENTATION OR CONTRACT, CLIENT, ALL PARTIES CLAIMING THROUGH CLIENT AND ALL PARTIES CLAIMING TO HAVE IN ANY WAY RELIED UPON PSI'S WORK AGREE THAT THE MAXIMUM AGGREGATE AMOUNT OF THE LIABILITY OF PSI, ITS OFFICERS, EMPLOYEES AND AGENTS SHALL BE LIMITED TO \$25,000.00 OR 1% OF THE TOTAL AMOUNT OF THE FEE PAID TO PSI FOR ITS WORK PERFORMED ON THE PROJECT, WHICHEVER AMOUNT IS GREATER. IN THE EVENT CLIENT IS UNWILLING OR UNABLE TO LIMIT PSI'S LIABILITY IN ACCORDANCE WITH THE PROVISIONS SET FORTH IN THIS PARAGRAPH, CLIENT MAY, UPON WRITTEN REQUEST OF CLIENT RECEIVED WITHIN FIFTEEN (15) DAYS OF CLIENT'S ACCEPTANCE HEREOF, INCREASE THE LIMIT OF PSI'S LIABILITY TO \$250,000.00 OR THE AMOUNT OF PSI'S FEE PAID TO PSI FOR ITS WORK ON THE PROJECT, WHICHEVER IS THE GREATER, BY AGREEING TO PAY PSI A SUM EQUIVALENT TO AN ADDITIONAL AMOUNT OF 5% OF THE TOTAL FEE TO BE CHARGED FOR PSI'S SERVICES. THIS CHARGE IS NOT TO BE CONSTRUED AS BEING A CHARGE FOR INSURANCE OF ANY TYPE, BUT IS INCREASED CONSIDERATION FOR THE GREATER LIABILITY INVOLVED. IN ANY EVENT, ATTORNEY'S FEES EXPENDED BY PSI IN CONNECTION WITH ANY CLAIM SHALL REDUCE THE AMOUNT AVAILABLE, AND ONLY ONE SUCH AMOUNT WILL APPLY TO A PARTICULAR PROJECT. NO ACTION OR CLAIM, WHETHER IN TORT, CONTRACT, OR OTHERWISE, MAY BE BROUGHT AGAINST PSI, ARISING FROM OR RELATED TO PSI'S WORK, MORE THAN TWO (2) YEARS AFTER THE CESSATION OF PSI'S WORK HEREUNDER, REGARDLESS OF THE DATE OF DISCOVERY OF SUCH CLAIM. NEITHER PARTY SHALL BE LIABLE TO THE OTHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE AND BREACH OF STATUTORY DUTY) OR OTHERWISE FOR LOSS OF PROFITS (WHETHER DIRECT OR INDIRECT) OR FOR ANY INDIRECT, CONSEQUENTIAL, PUNITIVE, OR SPECIAL LOSS OR DAMAGE, INCLUDING WITHOUT LIMITATION LOSS OF PROFITS, REVENUE, BUSINESS, OR ANTICIPATED SAVINGS (EVEN WHEN ADVISED OF THEIR POSSIBILITY).**
11. **INDEMNITY:** Subject to the above limitations, PSI agrees not to defend but to indemnify and hold Client harmless from and against any and all claims, suits, costs and expenses including reasonable attorney's fees and court costs to the extent arising out of PSI's negligence as finally determined by a court of law. Client shall provide the same protection to the extent of its negligence. In the event that Client or Client's principal shall bring any suit, cause of action, claim or counterclaim against PSI, the Client and the party initiating such action shall pay to PSI the costs and expenses incurred by PSI to investigate, answer and defend it, including reasonable attorney's and witness fees and court costs to the extent that PSI shall prevail in such suit.
12. **TERMINATION:** This Agreement may be terminated by either party upon seven days' prior written notice. In the event of termination, PSI shall be compensated by Client for all services performed up to and including the termination date, including reimbursable expenses.
13. **EMPLOYEES/WITNESS FEES:** PSI's employees shall not be retained as expert witnesses except by separate, written agreement. Client agrees to pay PSI's legal expenses, administrative costs and pursuant to PSI's then current fee schedule for PSI to respond to any subpoena. For a period of one year after the completion of any work performed under this agreement, Client agrees not to solicit, recruit or hire any PSI employee or person who has been employed by PSI within the previous twelve months. In the event Client desires to hire such an individual, Client agrees that it shall seek the written consent of PSI, and shall pay PSI an amount equal to one-half of the employee's annualized salary, without PSI waiving other remedies it may have.
14. **FIDUCIARY:** PSI is not a financial advisor, does not provide financial advice or analysis of any kind, and nothing in our reports can create a fiduciary relationship between PSI and any other party.
15. **CHOICE OF LAW AND EXCLUSIVE VENUE:** All claims or disputes arising or relating to this agreement shall be governed by, construed, and enforced in accordance with the laws of Illinois. The exclusive venue for all actions or proceedings arising in connection with this agreement shall be either the Circuit Court in DuPage County, Illinois, or the Federal Court for the Northern District of Illinois.
16. **PROVISIONS SEVERABLE:** The parties have entered into this agreement in good faith, and it is the specific intent of the parties that the terms of these General Conditions be enforced as written. In the event any of the provisions of these General Conditions should be found to be unenforceable, it shall be stricken and the remaining provisions shall be enforceable.
17. **ENTIRE AGREEMENT:** This agreement constitutes the entire understanding of the parties, and there are no representations, warranties or undertakings made other than as set forth herein. This agreement may be amended, modified or terminated only in writing, signed by each of the parties hereto.

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 13, 2017

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Consider 2016 Annual Wisconsin Department of Natural Resources MS4 General Permit.*

The Engineering Department has completed the Annual Report under MS4 General Permit for the 2016 calendar year and attached for your review. This report is required to be completed annually and submitted to the Wisconsin Department of Natural Resources (WDNR). The Report identifies activities that the City has completed in 2016 to meet our MS4 General Permit for storm water discharge.

Highlights from the 2016 Report include:

- Membership in the Northeast Stormwater Consortium (NEWSC) which helps the City meet the requirements for Public Outreach and Education and Public Involvement and Participation.
- Constructed three new ponds, upgraded a failed pond, and restored an eroded swale off of Lawrence Drive.
- Fall leaf collection.
- Spring and fall brush collection.
- Street sweeping.
- Completed the 2015 Storm Water Management Planning report.

Staff recommends the BOPW approve the Report for submittal to the WDNR.

ATTACHMENTS:

- Annual Report Under MS4 General Permit (PDF)
- 2016 NEWSC Annual Report (PDF)
- 2016_Storm_Facility_Review (PDF)
- 2015-2016_Salt_Usage (PDF)
- MSC Site Map-EXH 1(PDF)

Due by March 31, 2017

Notice: Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (DNR) by March 31 of each year to report on activities for the previous calendar year. This form is being provided by the DNR for the user's convenience. Personal information collected will be used for administrative purposes and may be provided to the extent required by Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

This form is for reporting on activities undertaken in calendar year 2016.

Instructions: Complete each section of the form. If additional space is needed, attach additional pages. Provide descriptions that explain the program actions taken to comply with the general permit. Complete and submit the annual report by March 31, 2017, to the appropriate address indicated on the last page of this form.

Part I. Municipal Information

Name of Municipality City of De Pere		Facility ID No. (FIN) 31088	
Mailing Address 925 S. Sixth Street	City De Pere	State WI	ZIP Code 54115
County(s) in which Municipality is located Brown	Municipality Type: (select one) ☐ County ☒ City ☐ Village ☐ Town ☐ Other (specify)		

Part II. Municipal Contact Information

Name of Municipal Contact Person Eric Rakers		Title City Engineer	
Mailing Address (if different from above)	City	State WI	ZIP Code 54115
Email erakers@mail.de-pere.org	Phone Number (include area code) (920) 339-8304	Fax Number (include area code) (920) 339-4071	
Has the contact person changed in the last year? ☐ Yes ☒ No			

Part III. Certification

I hereby certify that I am an authorized representative of the municipality covered under MS4 General Permit No. WI-S050075-2 for which this annual report is being submitted and that the information contained in this document and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality's governing body or delegated representatives have reviewed or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.

Authorized Representative Printed Name Eric Rakers	Authorized Representative Title City Engineer	
Signature of Authorized Representative	Date	
Email erakers@mail.de-pere.org	Phone Number (include area code) (920) 339-8304	Fax Number (include area code) (920) 339-4071

Part IV. General Information

a. Describe the municipality's efforts to invite the municipal governing body, interest groups, and general public to review and comment on the annual report.

Staff presented the City's annual report to the Board of Public Works on March 13, 2017 and the Common Council on March 21, 2017. The draft annual report was placed on the website on March 9, 2017.

b. Describe how the municipality has kept elected and municipal officials and appropriate staff (such as operators, department heads, and those that interact with the public) informed of the municipal storm water discharge permit and its requirements.

The City's storm water management plan was updated in 2016. City staff presented a summary to the Board of Public Works on January 9, 2017 and Council on January 17, 2017.

c. Has the municipality prepared or updated its own municipal-wide storm water management plan during the reporting year?
☒ Yes ☐ No

If yes, provide the title and date of storm water management plan and list any updates:

The City of De Pere 2015 Stormwater Management Report was issued on October 21, 2016. This was a complete update to the March 2008 report.

If yes, has the information been submitted to the Department?

☐ Yes ☒ No

31088 City of De Pere
FIN / Municipality Name

**Annual Report under MS4
General Permit No. WI-S050075-2**

Form 3400-195 (R 11/16)

Page 2 of 9

- d. During the reporting year, has the municipality entered into a written agreement with another municipality or a contract with another entity to perform one or more of the conditions as provided under section 2.10 of the general permit? ☒ Yes ☐ No

If yes, describe these cooperative efforts:

The City worked with Ledgeview to upgraded a storm water pond located off of Swan Road to treat storm water for 80% TSS reduction. Ledgeview was the lead municipality on the upgrades. There is an existing agreement in place.

If yes, has the information been submitted to the Department?

☒ Yes ☐ No

- e. If the municipality has an internet website, is there current information about or links provided to the MS4 general permit and/or the municipality's storm water management program?

☒ Yes ☐ No

If yes, provide web address:

<http://www.de-pere.org/departement/division.php?structureid=39>

Part V. Evaluation of Permit Conditions (Section 2 of General Permit)

Minimum Control Measures: For each of the permit conditions listed below, provide an evaluation of program compliance with the general permit.

1. Public Education and Outreach (Section 2.1 of General Permit)

Description of Program(s)	The primary component for this is to continue to be a member of the Northeast Storm Water Consortium (NEWSC). With the consolidation of member resources, more public education and outreach is completed than by each member functioning independently.
Measurable Goal(s)	(1) Continue to be a member of NEWSC. (2) Serve on the NEWSC Board and be an active member. (3) Annually include storm water information in the City's electronic newsletter. (4) Provide services and/or resources regarding the disposal of bulk waste, electronics, and hazardous materials
Result(s) Achieved	(1) Continue to be a member of NEWSC. (2) Serve on the NEWSC Board and be an active member. (3) Storm water information was included in both of the City's electronic newsletters. Information was provided on rain barrels, mulching grass clippings, and benefits of maintaining taller grass. (4) Storm water information banners were placed on fences at Kelly Danen Park and Legion Park. (5) The City provide bulk waste and an electronics drop off site at the Municipal Service Center.
Describe any planned changes to program.	Update the website to provide specific information to residents/homeowners on erosion control practices that address erosion for typical work performed at a residence.

2. Public Involvement and Participation (Section 2.2 of General Permit)

Description of Program(s)	The primary component for this is to continue to be a member of the Northeast Storm Water Consortium (NEWSC). With the consolidation of member resources, more public education and outreach is completed than by each member functioning independently.
Measurable Goal(s)	(1) Continue to be a member of NEWSC. (2) Serve on the NEWSC Board and be an active member.
Result(s) Achieved	(1) Continue to be a member of NEWSC. (2) Serve on the NEWSC Board and be an active member.
Describe any planned changes to program.	None

3. Illicit Discharge Detection and Elimination (Section 2.3 of General Permit)

Description of Program(s)	Two years ago, the City switched from completing IDDE reviews from 20% major outfalls each year to completing the entire City every five years.
Measurable Goal(s)	For 2017, the City will be reviewing all minor outfalls. Televis 20% of the sanitary sewer and identify leaks for repair.

31088 City of De Pere
FIN / Municipality Name

**Annual Report under MS4
General Permit No. WI-S050075-2**

Form 3400-195 (R 11/16)

Page 3 of 9

Part V. Evaluation of Permit Conditions (continued)

Result(s) Achieved	(1) All major outfalls were reviewed in 2016. (2) 20% of the sanitary sewer was televised. (3) 10,000 linear feet of sewer main was relaid or lined in 2016.
Describe any planned changes to program.	None.

4. Construction Site Pollutant Control (Section 2.4 of General Permit)

Description of Program(s)	The program consists of maintaining the City ordinance, Chapter 42 Construction Site Erosion Control Zoning, for construction site erosion control and conducting inspection and if necessary, enforcement.
Measurable Goal(s)	Maintain Chapter 42 of the municipal code to conform to WDNR requirements. Inspections were completed on public and private construction sites.
Result(s) Achieved	Chapter 42 was updated in 2016. Inspections were completed on public and private construction sites throughout the City. The number of inspections completed is documented later in this report.
Describe any planned changes to program.	

5. Post-Construction Storm Water Management (Section 2.5 of General Permit)

Description of Program(s)	The post construction storm water management program consists of several actions. (1) The City continues to install storm water management facilities in conjunction with other projects. (2) Administer Chapter 29 of the Municipal Code. (3) Inspect public and private ponds. (4) Require documentation that private facilities were built to the design. (5) Maintenance agreements are required for private facilities.
Measurable Goal(s)	(1) Maintain the City Municipal Code, Chapter 29, to meet WDNR standards (2) Inspect all public and private ponds every two years at a minimum. (3) 100% conformance for documentation that private facilities were constructed to match the design. (4) 100% conformance that all maintenance agreements are recorded.
Result(s) Achieved	(1) Chapter 29 was updated in 2016. (2) All public and private ponds were inspected in 2016. Letters on maintenance were submitted to private entities. The majority of the private work is complete and will be reinspected in 2017. (3) New regional ponds were constructed at Fortune/Venture, Richco Road, and Commerce Drive.
Describe any planned changes to program.	None.

6. Pollution Prevention (Section 2.6 of General Permit)

Description of Program(s)	The post construction storm water management program consists of several actions. (1) The City cleans and televises one tenth of the City each year. Debris is removed from the storm sewer. (2) Inspect City storm water management plans (3) Clean catch basins.
Measurable Goal(s)	(1) Clean one tenth of the City storm sewer each year. (2) Inspect City ponds every two years at a minimum. (3) Maintain storm water facilities.
Result(s) Achieved	(1) One tenth of the City storm sewer was cleaned and televised in 2016. (2) City ponds were constructed in 2016. (3) The City also performed maintenance on a failed pond at Painted Horse Trail and upgraded to obtain 80% TSS removal. (4) The City restored an eroding swale off of Lawrence Drive in 2016.
Describe any planned changes to program.	None.

- Storm Water Management Facilities (Section 2.6.1 of General Permit)

List any new municipality owned or operated structural storm water management facilities (ponds, biofilters, etc.) added in the last year.

New ponds were added off of Fortune/Venture, Richco Road, and Commerce Drive.

- Routine Inspection and Maintenance (Section 2.6.2 – 2.6.4 of General Permit)

Does the municipality have an inspection and maintenance program for installed structural storm water management facilities?

☒ Yes ☐ No

Describe the inspection and maintenance program and any activities that have occurred for structural storm water management facilities in 2016. If available, attach any additional information on the inspection and maintenance program. Private and public ponds were inspected in 2016. A summary of the inspection is attached. The majority of the maintenance activities required were completed. All sites will be reinspected in 2017.

Describe the street sweeping and catch basin cleaning efforts, and the disposal of waste.

City streets were swept eight times in 2016. The downtown area was swept weekly. 335 catch basins were cleaned. 332 tons of debris was collected from street sweeping. This material was taken to the landfill.

- Winter Road Management Activities (Section 2.6.5 of General Permit)

Provide the name, title, and phone number of the individual(s) with overall responsibility for winter roadway maintenance.

Scott Thoresen, Public Works Director, (920) 339-8095

Allen Lubarda, Street Superintendent, (920) 339-8325

Describe the types of products used for winter road management (e.g. deicing, pre-wetting, salting, etc.).

The City utilizes salt brine and road salt. Salt brine is placed prior to snow and ice events. Salt is pre-wet before placing.

Report the amount of product used by month over the last winter season (approx. November 2015 through April 2016).

The summary of salt, pre-wet, 90/10 blended, and anti-icing material by month is attached.

Report the snow disposal locations, if applicable.

Snow is disposed at 1051 N. Broadway and 200 Main Avenue.

Describe anti-icing, equipment calibration, and salt reduction strategies.

The City has reduced salt placement over the last several years by pre-storm anti-icing and pre-wetting of salt. Equipment is calibrated each year for maximum placement of 200 pound per lane mile.

Describe any other additional data or information used to evaluate the winter road management activities.

Staff monitors road temperature to manage salt use. As temperatures increase, salt usage is reduced.

- Leaf Management (Section 2.6.6 of General Permit)

Describe the management of leaves and grass clippings.

The City collects leaves in the spring and fall. Leaves and other debris are hauled to farmers or used by local landscapers. The City does not collect grass clippings, but provides a yard waste drop off site on Rockland Road. The City included an article in the electronic newsletter regarding the reuse of grass clippings in 2016.

- Municipal Pollution Prevention (Section 2.6.7 of General Permit)

31088 City of De Pere
FIN / Municipality Name

**Annual Report under MS4
General Permit No. WI-S050075-2**

Form 3400-195 (R 11/16)

Page 5 of 9

Part V. Evaluation of Permit Conditions (continued)

Provide the location (street address) of each facility (municipal yards and/or maintenance facilities) and contact information (name, title, and phone number) for the individual(s) with overall responsibility for each facility.

Municipal Service Center, 925 S. Sixth Street, De Pere, Wisconsin. Facility Contact: Eric Rakers, City Engineer, (920) 339-8304.

Map(s) included? ☒ Yes ☐ No - Include a map of each facility, drawn to scale and include the following features:

- Location of major activities and storage areas
- Identification of drainage patterns, potential sources of storm contamination and discharge points.
- Identification of nearby receiving waters or wetlands
- Identification of connections to the permittees's MS4

Describe the housekeeping activities and best management practices installed at municipal yards and/or maintenance facilities to reduce or eliminate storm water contamination.

The MSC parking lot between units B and D is swept weekly. Catch basins were cleaned twice. All salt is stored in covered buildings. Vehicles are washed inside. The oil drop off has a berm to capture spills.

Discuss recommendations for improvements to current storm water management practices at the facility(s) and provide a timeline for installation and/or implementation of these recommendations.

None.

Provide information on facility inspections. Identify and address potential sources of storm water contamination.

Staff visually monitors the fueling station during fueling. Issues are reported back to the Street Superintendent. The oil drop off is reviewed each day by staff when bulk waste is loaded. The area is cleaned with the vacuum truck approximately once a week.

Describe the municipal facility(s) employee training on storm water pollution prevention (frequency, duration, objectives, percentage of employees trained this year, etc.).

Street department personnel pollution prevention discussion is completed approximately monthly from late spring to early fall. Engineering staff discussions erosion control approximately monthly from April through October at one of the weekly staff meetings.

Describe the spill prevention and response procedures in place at the municipal facility(s).

Spill kits are located in Unit B for the fuel pump area and waste oil collection area.

7. Storm Water Quality Management (Section 2.7 of General Permit)

Has the municipality completed a pollutant-loading analysis to assess compliance with the 20% TSS reduction developed urban area performance standard? ☒ Yes ☐ No

If yes, provide the following: Model used WinSLAM Version 10.1.16 Reduction (%) 52.5

If no, include a description of any actions the municipality has undertaken during 2016 to help achieve the 20% standard.

8. Storm Sewer System Map (Section 2.8 of General Permit)

Describe any changes or updates to the storm sewer system map made in the reporting year. Provide an updated map if any changes occurred during the reporting year.

There were several changes to the storm sewer map in 2016. Storm sewer was added on several new streets including Fortune, Venture, and Richco Road. Storm sewer was reconstructed/added to several existing streets including Spruce, Elm, and Oak Street.

31088 City of De Pere
FIN / Municipality Name

**Annual Report under MS4
General Permit No. WI-S050075-2**

Form 3400-195 (R 11/16)

Page 6 of 9

Part VI. Fiscal Analysis

- a. Provide a fiscal analysis that includes the annual expenditures for 2016, and the budget for 2016 and 2017. A table to document fiscal information is provided on page 8.

Funding for storm water management activities is through the storm water utility. Funds from tax incremental finance districts are periodically used for construction of new regional ponds and/or maintenance to existing ponds.

- b. What financing/fiscal strategy has the municipality implemented to finance the requirements of the general permit?

☒ Storm water utility ☐ General fund ☐ Other _____

- c. Is adequate revenue generated to implement the storm water management program and meet permit requirements?

☒ Yes ☐ No

Please provide a brief summary of the municipality's financing/fiscal strategy and any additional information that will assist the Department in understanding how storm water management funds are being generated to implement and administer the storm water management program.

Storm water management funds are generated from a user charge for the storm water utility. The City has implemented a rate policy based on residential user equivalents (RUE's). The RUE's are determined based on the size of the parcel and land use. The RUE cost has been increasing \$5 per year over the last few years for funding storm water management.

Part VII. Inspections and Enforcement Actions

Note: If an ordinance listed below has been submitted to the Department previously and has not been amended since that time, a copy does not need to be submitted again. If the ordinance was previously submitted, indicate such in the space provided.

- a. Has the municipality amended its illicit discharge detection and elimination ordinance in accordance with subsection 2.3.1 of the general permit during the reporting year?

☒ Yes ☐ No

If yes, attach copy or provide web link to ordinance:

<https://www.de-pere.org/departments/division.php?structureid=39>

- b. Has the municipality amended its construction site pollutant control ordinance in accordance with subsection 2.4.1 of the general permit during the reporting year?

☒ Yes ☐ No

If yes, attach copy or provide web link to ordinance:

<https://www.de-pere.org/departments/division.php?structureid=39>

- c. Has the municipality amended its post-construction storm water management ordinance in accordance with subsection 2.5.1 of the general permit during the reporting year?

☒ Yes ☐ No

If yes, attach copy or provide web link to ordinance:

<https://www.de-pere.org/departments/division.php?structureid=39>

- d. Has the municipality adopted any other ordinances it has deemed necessary to implement a program under the general permit (e.g., pet waste ordinance, leaf management/yard waste ordinance, parking restrictions for street cleaning, etc.) during the reporting year?

☒ Yes ☐ No

If yes, attach copy or provide web link to ordinance:

<https://www.de-pere.org/departments/division.php?structureid=39>

- e. Provide a summary of available information on the number and nature of inspections and enforcement actions conducted during the reporting period to ensure compliance with the ordinances described in a. to d. above.

Inspections on public projects - 49

Inspections on private projects - 57

Part VIII. Water Quality Concerns

- a. Does any part of the MS4 discharge to an outstanding resource water (ORW) or exceptional resource water (ERW) listed under s. NR 102.10 or 102.11, Wis. Adm. Code? (A list of ORWs and ERWs may be found on the Department's Internet site at:

<http://dnr.wi.gov/topic/surfacewater/orwerw.html>)

☐ Yes ☒ No

If yes, list:

- b. Does any part of the MS4 discharge to an impaired waterbody listed in accordance with section 303(d)(1) of the federal Clean Water Act, 33 USC § 1313(d)(1)(C)? (A list of the most current Wisconsin impaired waterbodies may be found on the Department's Internet site at: <http://dnr.wi.gov/water/impairedsearch.aspx?status=303d>)

☒ Yes ☐ No

If yes, complete the following:

31088 City of De Pere
FIN / Municipality Name

**Annual Report under MS4
General Permit No. WI-S050075-2**

Form 3400-195 (R 11/16)

Page 7 of 9

- Impaired waterbody to which the MS4 discharges:
Ashwaubenon Creek, Lower Fox River, East River
- Description of actions municipality has taken to comply with section 1.5.2 of the MS4 general permit for discharges of pollutant (s) of concern to an impaired waterbody:
The City has met TMDL requirements in the Ashwaubenon Creek and East River basins. New development will be required to meet NR 151 standards which are greater than the TMDL requirements.

The City is continuing to retrofit facilities for existing development in the Lower Fox River. In 2016, phase I of the Optimist Park pond was completed. This included relocating a ball diamond for pond construction in 2017. A pond off of Painted Horse Trail that drains to the East River was upgraded to treat to 80% TSS.

- c. Identify any known water quality improvements in the receiving water to which the MS4 discharges during the reporting period.
Ponds were constructed for new development and some existing development in the Lower Fox River Basin off of Fortune/Venture and off of Richco Road.
- d. Identify any known water quality degradation in the receiving water to which the MS4 discharges during the reporting period and what actions are being taken to improve the water quality in the receiving water.
There were no known water quality degradation issues directly related to the City.
- e. Does any part of the MS4 discharge to an approved Total Maximum Daily Load (TMDL) area (Section 1.5.4 of the general permit)?
☒ Yes ☐ No

If yes, fill out below. If no, disregard.

Required reporting for TMDLs approved prior to the effective date of the permit for 2016:

Name of TMDL: Lower Fox River Date TMDL approved? 03/01/2012

Map(s) included? ☒ Yes ☐ No - Submit a storm sewer system map (may be the same map submitted under section V.6. of this form), which includes the TMDL reachshed boundaries and associated acreage within the municipality, and the MS4 drainage boundaries and associated acreage within the municipality.

Part IX. Proposed Program Changes

Describe any proposed changes to the storm water management program being considered for 2017 and the schedule for implementing those changes. Proposed program changes must be consistent with the requirements of the general permit.

The following changes are proposed to the storm water management plan in 2017:

Update the Storm Water Reference Guide

Update the long term plan for addressing TMDL's in the Lower Fox River sub basin.

Part X. Other

Any other municipal storm water program information for inclusion in the Annual Report regarding their storm water program may be added here or attached.

31088 City of De Pere
FIN / Municipality Name

Annual Report under MS4
General Permit No. WI-S050075-2

Form 3400-195 (R 11/16)

Page 8 of 9

Fiscal Analysis Table. Complete the fiscal analysis table provided below.

Program Element	Annual Expenditure 2016	Budget		
		2016	2017	
Public Education and Outreach	\$13,944	\$13,026	\$11,402	Storm Water Utility
Public Involvement and Participation	\$13,944	\$13,026	\$11,402	Storm Water Utility
Illicit Discharge Detection and Elimination	\$7,273	\$7,321	\$7,227	Storm Water Utility
Construction Site Pollutant Control	\$48,941	\$48,166	\$46,277	Storm Water Utility
Post-Construction Storm Water Management	\$1,733,819	\$1,729,708	\$98,373	Storm Water Utility
Pollution Prevention	\$1,324,484	\$1,292,848	\$1,286,923	Storm Water Utility
Storm Water Quality Management (including pollutant-loading analysis)	\$258,324	\$255,081	\$301,752	Storm Water Utility
Storm Sewer System Map	\$13,577	\$13,450	\$13,346	Storm Water Utility
Other:				

31088 City of De Pere
FIN / Municipality Name

**Annual Report under MS4
General Permit No. WI-S050075-2**

Form 3400-195 (R 11/16)

Page 9 of 9

NORTHERN REGION COUNTIES

Ashland	Langlade	DNR Service Center
Barron	Lincoln	Attn: Storm Water Program
Bayfield	Oneida	5301 Rib Mountain Rd.
Burnett	Polk	Wausau, WI 54401
Douglas	Price	Phone: (715) 359-4522
Florence	Rusk	
Forest	Sawyer	
Iron	Taylor	
	Vilas	
	Washburn	

WEST CENTRAL REGION COUNTIES

Adams	Marathon	DNR Service Center
Buffalo	Monroe	Attn: Storm Water Program
Chippewa	Pepin	5301 Rib Mountain Rd.
Clark	Pierce	Wausau, WI 54401
Crawford	Portage	Phone: (715) 359-4522
Dunn	St. Croix	
Eau Claire	Trempealeau	
Jackson	Vernon	
Juneau	Wood	
La Crosse		

NORTHEAST REGION COUNTIES

Brown	Marquette	DNR Northeast Region
Calumet	Menominee	Attn: Storm Water Program
Door	Oconto	2984 Shawano Ave.
Fond du Lac	Outagamie	Green Bay, WI 54313
Green Lake	Shawano	Phone: (920) 662-5100
Kewaunee	Waupaca	
Manitowoc	Wausara	
Marinette	Winnebago	

SOUTH CENTRAL REGION COUNTIES

Columbia	Jefferson	DNR South Central Region
Dane	LaFayette	Attn: Storm Water Program
Dodge	Richland	3911 Fish Hatchery Rd.
Grant	Rock	Fitchburg, WI 53711
Green	Sauk	Phone: (608) 275-3266
Iowa		

SOUTHEAST REGION COUNTIES

Kenosha	Sheboygan	DNR Service Center
Milwaukee	Walworth	Attn: Storm Water Program
Ozaukee	Washington	141 NW Barstow Street,
Racine	Waukesha	Room 180
		Waukesha, WI 53188
		(262) 574-2100



Northeast Wisconsin Stormwater Consortium

NEWSC SWMP Report

January 01, 2016 To December 31, 2016

This program consists of the following 11 Minimum Control Measure(s).

1. Public Education and Outreach
2. Public Involvement and Participation
4. Construction Site Pollutant Control
5. Post Construction Stormwater Control
6. Pollution Prevention
7. Storm Water Quality Management
9. Annual Report
11. NEWSC Management

1 Public Education and Outreach

Responsible Staff / Position: Chad VandenLangenberg
Program Coordinator - NEWSC & LFR

Description

To satisfy this minimum control measure, the permittee shall implement a public education and outreach program to increase the awareness of storm water pollution impacts on waters of the state to encourage changes in public behavior to reduce such impacts. The program shall establish measurable goals and, at a minimum, include the following elements:

1. Promote detection and elimination of illicit discharges and water quality impacts associated with such discharges from municipal separate storm sewer systems.
2. Inform and educate the public about the proper management of materials that may cause storm water pollution from sources including automobiles, pet waste, household hazardous waste and household practices.
3. Promote beneficial onsite reuse of leaves and grass clippings and proper use of lawn and garden fertilizers and pesticides.
4. Promote the management of streambanks and shorelines by riparian landowners to minimize erosion and restore and enhance the ecological value of waterways.
5. Promote infiltration of residential storm water runoff from rooftop downspouts, driveways and sidewalks.
6. Inform and where appropriate educate those responsible for the design, installation, and maintenance of construction site erosion control practices and storm water management facilities on how to design, install and maintain the practices.
7. Identify businesses and activities that may pose a storm water contamination concern, and where appropriate, educate specific audiences on methods of storm water pollution prevention.
8. Promote environmentally sensitive land development designs by developers and designers.

Note: Additional information on green infrastructure and low impact development may be found on the USEPA's Internet site at:

<http://water.epa.gov/infrastructure/greeninfrastructure/index.cfm>

<http://water.epa.gov/polwaste/green/index.cfm>

Best Management Practices

1.1 Promote Illicit Discharge Detection and Elimination (IDDE)

Responsible Staff / Position: Chad VandenLangenberg
Program Coordinator - NEWSC & LFR

Required Yes

Description

Conduct public education and outreach efforts to promote and inform and educate the public about the proper management of materials that may cause storm water pollution from sources including automobiles, pet waste, household hazardous waste and household practices to promote detection and elimination of illicit discharges and water quality impacts associated with such discharges from municipal separate storm sewer systems.

Justification

Public awareness of illicit discharges and their prospective impacts along with education on how to report potential illicit discharges substantially increases the opportunity to quickly identify and eliminate them.

Goals

1.1.1 IDDE Education Materials

Responsible Staff / Position: Genevieve Vander Velden
Program Coordinator

Description

Prepare materials to inform and educate various public and municipal employee audiences on the definition and forms of illicit discharges, their detection and appropriate reporting or response procedures.

Provide a copy of or reference to the described materials, including subsequent updates or revisions each reporting period.

Planned: 2014 2015 2016 2017

Complete: 2014 2015 2016

Activity Date	Name
12/31/2016	RenewOurWaters Materials

Description

The RenewOurWaters posters and articles are available to NEWSC members on the website and upon request. The materials address stormwater related topics by providing the forms of illicit discharges, their detection, and appropriate reporting or response procedures. These materials can be inserted into newsletters or used as separate mailers.

File Attachment	<u>Car-Wash-Fundraisers-pamphlet.pdf</u>
File Attachment	<u>carpet-cleaning-extended-margins.pdf</u>
File Attachment	<u>Household-Hazardous-Waste-with-extended-margins.pdf</u>
File Attachment	<u>Pool-Spa-Discharge-with-extended-margins.pdf</u>
File Attachment	<u>Power-Washing-at-home-extended-margins.pdf</u>
File Attachment	<u>Dumpster-Management-bilingual-pamphlet1.pdf</u>
File Attachment	<u>Garden-Centers.pdf</u>
File Attachment	<u>Power-washing-for-the-professional-washer.pdf</u>
File Attachment	<u>11x17-restaurant-management.pdf</u>

12/31/2016

Excal Videos

Description

The Excal videos are available to members upon request.

"IDDE A Grate Concern"

Municipal separate storm sewer system (MS4) operators are required to train employees and contractors on control measures for stormwater pollution prevention. One such control measure is illicit discharge detection and elimination (IDDE). This kit is designed to train government employees and contractors on IDDE. The 14¼ minute video focuses on the hazards of illicit discharges and shows employees how to spot them.

1.2 Public Pollution Prevention Education

Responsible Staff / Position:

Required Yes

Description

Inform and educate the public about the proper management of materials that may cause storm water pollution from sources including automobiles, pet waste, household hazardous waste and household practices.

Justification

Informing the public of the potential pollution impacts of their activities together with the information they need to make educated decisions on alternative behaviors or actions will improve responsible actions.

Goals

1.2.1 Public Pollution Prevention Materials

Responsible Staff / Position:

Description

Prepare or acquire informational materials to inform and educate the public about the proper management of materials that may cause storm water pollution from sources they control, including:

- Automobiles
- Pet Waste
- Household Hazardous Waste
- Household Practices
- Lawn Care

Provide a copy of or reference to the described educational materials, which may include various forms or printed materials or electronic media files including subsequent updates or revisions each reporting period.

Activity Date

Name

12/31/2016

RenewOurWaters Posters

Description

The RenewOurWaters materials, including posters, flyers and articles are available to NEWSC members upon request and on NEWSC.org. The materials address stormwater related topics and can be inserted into newsletters or used as separate mailers.

File Attachment [Kids-can-help-too-with-extended-margins.pdf](#)

File Attachment [Ice-and-Snow-Control-extended-margins.pdf](#)

File Attachment [Pet-Waste-with-extendend-margins.pdf](#)

File Attachment [Car.pdf](#)

File Attachment [Parking-Lot-BMP.pdf](#)

12/31/2016

Outdoor Banners

Description

FWWA Outreach Coordinator designed two banners with (8) Renew Our Waters practices. These posters will be used as an educational tool at outdoor events and will be available to be checked out by NEWSC members.

File Attachment [Banner1.pdf](#)

1.2.2 Public Pollution Prevention Education Plan**Responsible Staff / Position:****Description**

Summarize planned public outreach efforts to inform and educate the public on actions they can take to reduce or eliminate pollution of storm water each reporting period.

Activity Date**Name**

01/01/2016

2016 NEWSC Work plan

Description

The 2016 work plan summarizes the expected efforts of the consortium for the year. The 2016 workplan was approved at the October 2015 Leadership Council Committee meeting.

File Attachment [2016 NEWSC Workplan.docx](#)

1.2.3 Winter Parking Lot Maintenance Education for private facilities**Responsible Staff / Position:**

Chad VandenLangenberg

Program Coordinator - NEWSC & LFR

Description

Provide education to facility managers and private snow and ice removal companies on proper salt usage and winter parking lot maintenance. Provide education through print media and workshops.

Planned: 2015 2016 2017

Complete: 2015 2016

Activity Date**Name**

10/27/2016

Winter Parking Lot Workshop

Description

NEWSC held a Winter Parking Lot Workshop on October 27, 2016 in Appleton. To advertise for the workshop, a letter and educational flyer was mailed out to 337 schools, churches, strip malls and stores in the region. 23 people participated in the workshop.

File Attachment [Letter to property managers and snow removal contractors.pdf](#)

File Attachment [Winter Parking Lot and Sidewalk Maintenance Workshop 2016 flyer.pdf](#)

File Attachment [Training Manual.pdf](#)

File Attachment [NEWSC Parking Lot Mail list.xlsx](#)

File Attachment [registrations-for-winter-parking-lot-sidewalk-maintenance-workshop \(2\).csv](#)

1.3 Leaf Management and Lawn Care

Responsible Staff / Position:

Required Yes

Description

Provide information and education to promote beneficial onsite reuse of leaves and grass clippings and proper use of lawn and garden fertilizers and pesticides.

Goals

1.3.1 Leaf Management and Lawn Care Education Materials

Responsible Staff / Position: Chad VandenLangenberg
Program Coordinator - NEWSC & LFR

Description

Prepare or acquire informational materials to inform and educate the public about leaf management and lawn care actions they can take to reduce storm water pollution from sources they control, including techniques for beneficial reuse of leaves and grass clippings and proper use of fertilizers and pesticides.

Provide a copy of or reference to the described educational materials, which may include various forms or printed materials or electronic media files including subsequent updates or revisions each reporting period.

Planned: 2014 2015 2016 2017

Complete: 2014 2015 2016

Activity Date	Name
12/31/2016	RenewOurWaters Posters

Description

The RenewOurWaters posters and articles are available to NEWSC members on the website and upon request. These materials can be inserted into newsletters or used as separate mailers.

File Attachment [The-Perfect-Lawn-with-extended-margins.pdf](#)

File Attachment [Leaf-Collection-with-extended-margins.pdf](#)

1.4 Streambank and Shoreline Management

Responsible Staff / Position:

Required Yes

Description

Conduct public education and outreach efforts to promote the management of streambanks and shorelines by riparian landowners to minimize erosion and restore and enhance the ecological value of waterways.

Goals

1.4.1 Streambank and Shoreline Management Education Materials

Responsible Staff / Position: Chad VandenLangenberg
Program Coordinator - NEWSC & LFR

Description

Prepare or acquire informational materials to inform and educate the public about streambank and shoreline management actions they can take to minimize erosion and restore and enhance the ecological value of waterways.

Provide a copy of or reference to the described educational materials, which may include various forms or printed materials or electronic media files including subsequent updates or revisions each reporting period.

Planned: 2014 2015 2016 2017

Complete: 2014 2015 2016

Activity Date	Name
02/11/2016	Currents - Newsletter

Description

In partnership with the Fox-Wolf Watershed Alliance, a newsletter titled "The Current" was mailed out to 750 shoreline property owners around the Bay of Green Bay, the Lower Fox River and around the shores of Lake Michigan.

File Attachment [Winter 2016 to print.pdf](#)

12/31/2016	RenewOurWaters Educational Material
------------	-------------------------------------

Description

The RenewOurWaters flyers and newsletter articles are available to NEWSC members upon request and on NEWSC.org.

File Attachment [Restore-Your-Shore-extended-margins.pdf](#)

1.5 Residential Property Infiltration

Responsible Staff / Position:

Required Yes

Description

Promote infiltration of residential storm water runoff from rooftop downspouts, driveways and sidewalks.

Goals

1.5.1 Residential Property Infiltration Education Materials

Responsible Staff / Position: Chad VandenLangenberg
Program Coordinator - NEWSC & LFR

Description

Prepare or acquire informational materials to inform and educate residential property owners on actions they can take to promote greater infiltration of residential storm water runoff from rooftop downspouts, driveways and sidewalks.

Provide a copy of or reference to the described educational materials, which may include various forms or printed materials or electronic media files including subsequent updates or revisions each reporting period.

Planned: 2016 2017

Complete: 2016

Activity Date	Name
06/16/2016	2016 Rain Barrel Workshop in Appleton

Description

NEWSC & the Fox-Wolf Watershed Alliance hosted a Build Your Own Rain Barrel Workshop in Appleton at the FWWA office building. The workshop was aided by the City of Appleton Parks, Recreation, & Facilities Management Department who helped promote the event. The workshop began with education participants on stormwater runoff and the construction and benefits of rain barrels via powerpoint presentation. There were about 25 attendees in total. The Renew Our Waters flyers were available to participants. In total, 17 rain barrels were constructed.

File Attachment [appleton.jpg](#)

12/31/2016	RenewOurWaters Educational Material
------------	-------------------------------------

Description

The Renew Our Waters materials are available to NEWSC members upon request and on NEWSC.org. The flyers and newsletter articles address stormwater related topics.

File Attachment [Rain-Barrel.pdf](#)

File Attachment [The-Perfect-Landscape-with-extended-margins.pdf](#)

File Attachment [A-Waterway-in-Your-Front-Yard-Ditch.pdf](#)

1.6 Construction Site Erosion Control and Post Construction Education

Responsible Staff / Position:

Required Yes

Description

Inform and where appropriate educate those responsible for the design, installation, and maintenance of construction site erosion control practices and storm water management facilities on how to design, install and maintain the practices.

Goals

1.6.4 Municipal Employee Training on ESC and Post Construction BMPs

Responsible Staff / Position:

Description

Conduct or support education outreach or training efforts for municipal employees involved in the design, installation, and maintenance of construction site erosion control practices and storm water management facilities on how to design, install and maintain the practices.

Provide a summary of efforts or activities as described completed each reporting period, including the type of outreach or training workshop, an overview of the information presented, date of the workshop and approximate number and type of participants.

Activity Date

Name

04/25/2016

2016 Stormwater Pond Workshop

Description

50 people attended the NEWSC Stormwater Pond Workshop, held in Appleton on September 30. The workshop provided attendees with an overview of the design of ponds, and training on pond inspection and maintenance. The day ended with a presentation on the potential of GIS integration to track pond inspection and maintenance programs.

File Attachment [NEWSC Pond Workshop 2016 Outline.xlsx](#)

File Attachment [2016_9_30_Stormwater Pond Wkshp.xlsx](#)

File Attachment [Stormwater Pond Workshop Evaluations.pdf](#)

1.6.5 Stormwater Advisory Committee

Responsible Staff / Position:

Nick Waldschmidt
NEWSC Vice Chair
(920) 322-3482

Description

Support development and operation of a stormwater advisory committee for the purpose of providing input and feedback to the MS4 through development of permit compliance plans and activities.

Provide a summary of stormwater committee activity conducted each reporting period.

Planned: 2014 2015 2016

Complete: 2014 2015

Activity Date**Name**

01/26/2016

Erosion & Sediment Control Workshop for Builders/Contractors

Description

The Erosion & Sediment Control workshop was held at Robbin's Restaurant in Oshkosh on 1/26/2016. The workshop addressed 1 & 2 family home erosion & sediment control practices. The workshop was attended by Eleven people including municipal building inspectors as well as a few home builders. The workshop qualified for 4.5 CEUs for Commercial Building Inspector, Dwelling Contractor Qualifier and UDC Construction Inspector.

12/31/2016

Erosion Control Pocket Field Guide

Description

Pocket field guides highlighting Erosion and Sediment Control best management practices were created by the Building and Development Committee in 2014. Extra field guides have been printed and are handed out to all erosion control workshop attendees. NEWSC members can purchase additional field guides to provide to their inspectors or builders/contractors that work in their municipality.

File Attachment [Pocket Reference Guide - final.pdf](#)

12/31/2016

RenewOurWaters Posters

Description

The RenewOurWaters posters are available to NEWSC members upon request and onNEWSC.org. The posters address stormwater related topics.

File Attachment [Concrete-Washout-extended-margins.pdf](#)

File Attachment [Construction-Site.pdf](#)

1.7 Conduct Public Education and Outreach Activities

Responsible Staff / Position: Chad VandenLangenberg
Program Coordinator - NEWSC & LFR

Required No

Description

Conduct the activities described in the stormwater Public Education and Outreach program for the specific topics and identified target audiences using the identified mechanisms or activities below. Note that these activities will use the specific materials developed as specified above and will follow specific plans for identified goals or for general storm water information and education.

Specific storm water management education elements required by permit to be addressed in the MS4's public education and outreach efforts include:

- Promotion of detection and elimination of illicit discharges and associated water quality impacts
- Proper management of materials that may cause storm water pollution from sources including automobiles, pet waste, household hazardous waste and household practices
- Beneficial reuse of leaves and grass clippings; proper use of lawn and garden fertilizers and pesticides
- Management of streambanks and shorelines by riparian landowners to minimize erosion and restore and enhance the ecological value of waterways
- Promotion of residential efforts to infiltrate storm water runoff from rooftops downspouts, driveways and sidewalks
- Proper design, installation and maintenance practices for those responsible for design, installation and maintenance of construction site erosion control practices and storm water management facilities.
- Education on methods of storm water pollution prevention for those businesses and activities that may pose a storm water contamination concern.
- Efforts to promote environmentally sensitive land development designs by developers and designers, including green infrastructure and low impact development.

Annual Reporting Items

Many of the goals of the plan are common to several of the plan elements. Those goals are documented in this section.

Goals

1.7.1 Overall Storm Water Information and Education Program

Responsible Staff / Position: Chad VandenLangenberg
Program Coordinator - NEWSC & LFR

Description

Provide a copy of or reference to an overall plan or strategy for storm water management program information and education outreach efforts, including the topic-specific plans identified within the permit for the current reporting period.

Planned: 2014 2015 2016 2017

Complete: 2014 2015 2016

Activity Date	Name
03/19/2016	Super Science Saturday

Description

Outreach Coordinator, Kelly Reyer, set up at Woodland Elementary School in Appleton's Super Science Saturday event on Saturday, March 19th. The event participants were of all ages as this was a community science event. The Enviroscope model was demonstrated approximately 20 times for different groups of people. There was also educational materials available for participants

1.7.2 Stormwater Education Website**Responsible Staff / Position:****Description**

Develop and maintain relevant stormwater education information on the MS4's public website, including information on general stormwater management topics and information specific to stormwater management issues within the MS4.

Provide a short description of information published on the website as described above through each reporting period and a link to the current website URL. Summarize the audiences targeted and estimated number of unique stormwater website page hits each reporting period.

Activity Date**Name**

12/31/2016

RenewOurWaters.org

Description

The RenewOurWaters.org website is updated with general stormwater management topics and information specific to stormwater.

The target audience is the general public.

1.7.5 Print Media Publications**Responsible Staff / Position:**

Chad VandenLangenberg
Program Coordinator - NEWSC & LFR

Description

Provide seasonally relevant stormwater education information in print format for publication in local periodicals and other printed materials intended for broad distribution.

Provide a copy of each printed article published in local periodical or distributed publications, describing the period of publication and general distribution. Identify the stormwater theme and target audience for each article as well as the estimated quantity of residents reached with each newsletter.

Planned: 2015 2016 2017

Complete: 2015 2016

Activity Date**Name**

04/22/2016

Appleton Post Crescent A to Z of Earth Day

Description

The Appleton Post Crescent published an article on the A to Z list of Earth Day. The Fox-Wolf Watershed Cleanup was featured under the letter "W".

<http://www.postcrescent.com/story/news/2016/04/21/earth-day-2016-a-to-z-guide/83304418/>

04/25/2016 Appleton Post Crescent 2016 Watershed Cleanup Article

Description

The Appleton Post Crescent published a front page article covering the Watershed Cleanup, the need for volunteers, and the responsibility we all have to care for our waters.

<http://www.postcrescent.com/story/news/2016/04/25/alliance-hold-fox-wolf-watershed-cleanup/83511012/>

06/12/2016 Walleye Weekend

Description

This is an article covering the Walleye Weekend event June 10-12th. The article mentions the Conservation Station and there's a quote from FWWA/NEWSC Outreach Coordinator, Kelly Reyer, discussing interest in rain barrels.

<http://www.fdlreporter.com/story/news/local/2016/06/11/walleye-weekend-draws-crowds/85696254/>

1.7.6 Public Service Broadcasts
Responsible Staff / Position:

Description

Provide seasonally relevant public service announcements (PSA) for local broadcast media use focused on high priority stormwater education topics identified in the storm water management plan.

Provide a copy of the PSA text, approximate number of times aired and general time frame for broadcast each reporting period to document activity in support of this goal. Identify the stormwater message or theme and target audience for each PSA.

Activity Date

Name

04/16/2016 91.1 The Avenue Radio Ad for the Cleanup

Description

FWWA was awarded a Community Impact Grant from 91.1 The Avenue radio station to create an radio ad for the 2016 Fox-Wolf Watershed Cleanup. The ad played eight times a day for two weeks from April 16th to April 30th.
<https://clyp.it/itrpmhqj>

04/25/2016 WFRV Channel 5 Promotion of the Cleanup

Description

Kelly Reyer went on the morning show of Channel 5's news program to discuss the upcoming 2016 Fox-Wolf Watershed Cleanup. This segment was live on the scene of the Menominee Park cleanup location.
<http://www.wearegreenbay.com/local-5-live/local-5-live-on-location/fox-wolf-watershed-cleanup>

04/25/2016 WFRV Channel 5 Promoting the Cleanup

Description

Kelly Reyer went on WFRV Channel 5's morning show in studio to discuss the upcoming 2016 Fox-Wolf Watershed Cleanup.
<http://www.wearegreenbay.com/local-5-live/local-5-live-on-location/fox-wolf-watershed-cleanup>

04/30/2016 WFRV Channel 5 News Covering the Cleanup

Description

Channel 5 covered the Cleanup and interviewed Jessica Schultz who discussed opportunities for people to protect their waterways with choices they make at home.
<http://www.wearegreenbay.com/news/local-news/fox-wolf-watershed-cleanup-2016>

04/30/2016 Fox 11 Cleanup Coverage

Description

Genevieve Vander Velden, Jessica Schultz, and Jessica's children discuss the 2016 Fox-Wolf Watershed Cleanup on Good Day Wisconsin.

<http://fox11online.com/good-day-wi/fox-wolf-watershed-cleanup>

04/30/2016 NBC-26 Coverage of the 2016 Fox-Wolf Watershed Cleanup

Description

Kelly Reyer is interviewed discussing the 2016 Fox-Wolf Watershed Cleanup.

<http://www.nbc26.com/news/hundreds-of-volunteers-clean-up-fox-wolf-watershed>

1.7.7 Social Media Outreach

Responsible Staff / Position:

Kelly Reyer
Outreach Coordinator

Description

Use social media tools or platforms to inform the public of volunteer opportunities, stormwater news, sources of information, education opportunities and other timely storm water management information relevant to residents of the community. Common social media outlets or platforms for use by the MS4 may include:

- Facebook
- Twitter
- YouTube
- Flickr

Provide a summary of or reference to social media outreach efforts made each reporting period, including the social media platform used, the message distributed and the approximate number of people reached.

Planned: 2014 2015 2016 2017

Complete: 2014 2015 2016

Activity Date

Name

12/31/2016 Fox-Wolf Watershed Alliance Facebook Page (4/1/16-5/31/16)

Description

Below is a recap of the posts and the number of people reached:

April 5—Final Day to vote on the 2016 Cleanup T-shirts, 173 reached

April 6—Buckthorn Busting at Bubolz (volunteers needed), 25 reached

April 7—Results from the Cleanup T-shirt Voting, 42 reached

April 11—Fox River, Green Bay Restoration Efforts Showing Progress (Journal Sentinel link), 247 reached

April 11—FWWA updated their cover photo showcasing 2016 Cleanup Sponsors with links, 22 reached

April 12—Area Farms tackle Phosphorus Runoff (WBAY link—article and video), 539 reached

April 13—FWWA radio ad clip from 91.1 The Avenue regarding the Cleanup, 51 reached

April 15—Yes Magazine article, being in Nature makes us happier and kinder (link), 267 reached

April 17—Shared the Cleanup Event, seeking volunteers, 118 reached

April 18—The Dead Horses are playing at the Cleanup Picnic, link to register for the Cleanup, 195 reached

April 22—Happy Earth Day, (link to register for the Cleanup), 183 reached

April 23—"A to Z Guide to Earth Day" (Post Crescent Article-link), 144 reached

April 24—Looking for Volunteers to promote the Cleanup on Channel 5 at Menominee Park in Oshkosh, 341 reached

April 26—"Alliance to Hold Fox Wolf Watershed Cleanup" (Post Crescent, link), 515 reached

April 28—Thank you to our In-Kind Cleanup Donors, 164 reached

April 29—Thanks for sharing our Cleanup event Dead Horses, 38 reached
 April 29—Reminders and tips for Cleanup Volunteers, 34 reached
 April 30—Shared the Album 2016 Fox-Wolf Watershed Cleanup (approx. 150 Cleanup photos), 310 reached
 May 4—Join us for a Rain Barrel Workshop in Oshkosh (link to register), 158 reached
 May 4—FWWA updated their cover photo (image from Cleanup), 71 reached
 May 8—Other Cleanup opportunities in the watershed, 72 reached
 May 15—Thanks to those who attended the Oshkosh Rain Barrel Workshop (workshop photos), 64 reached
 May 16—Wiouwash Trail Cleanup Opportunity, 49 reached
 May 18—2016 Cleanup Results (infographic), 757 reached
 May 20—Photos from the Geography students at UW-Oshkosh doing stream bank restoration on the Fox River, 154 reached
 May 23—Please attend our Rain Barrel Workshop on June 16th in Appleton (with link), 292 reached
 May 25—(Journal Sentinel link) Man-made Islands to Cleanse Pollutants from Ponds, 271 reached
 May 31—FWWA is on Instagram, follow us!, 17 reached

12/31/2016

Fox-Wolf Watershed Alliance Facebook Page 6/1/2016-7/12/2016

Description

Below is a recap of the posts and the number of people reached:

June 1 – (picture) FWWA Program Coordinator Genevieve learns how water is treated on a tour at NEW Water in Green Bay (328 reached)
 June 2 – (pictures) Outreach Coordinator presents to students about our watershed in Neenah and image shows thank you letter from students (146 reached)
 June 3 – (picture) post showing a Renew our Waters message regarding car washing (162 reached)
 June 5 – (picture) showing a rainbow over Lake Winnebago (645 reached)
 June 7 – (pictures) week 1 of Appleton's Summer Camp FWWA taught lessons on stormwater runoff (92 reached)
 June 8 – (image) advertising a Rain Barrel Workshop in Appleton on June 16th (139 reached)
 June 11 – (images) discuss our exhibiting at Walleye Weekend in Fond du Lac and the types of displays and information in the Conservation Station tent (97 reached)
 June 12 – (link) article in Fond du Lac Reporter about Walleye weekend and quote from FWWA Outreach Coordinator about the event (153 reached)
 June 14 – (pictures) images from week 2 of Appleton's Summer Camp shows campers searching for birds and making a stained glass birds craft (248 reached)
 June 15 – (picture & link) advertising for the June 16th Rain Barrel Workshop in Appleton (133 reached)
 June 16 – (link) WLUK Fox 11 cover Field Days in Brown County which discusses topics including cover crops and other land conservation practices (171 reached)
 June 17 – (pictures) images from the June 16th Rain Barrel Workshop (323 reached)
 June 20 – (picture) images showing finished "wheel of pollution" and how it will be used as an educational tool (127 reached)
 June 23 – (picture & link) introduction to the Aesthetics Monitoring program and a call for volunteers (340 reached)
 June 27 – (link) link regarding the WDNR's Adopt a State Wildlife Area program (15 reached)
 June 28 – (pictures) Appleton's summer camp, week 4—campers learned about prairie habitats and native plants' root structures help hold the soil together, played prairie dog tag (31 reached)
 June 29 – (link) Volunteer opportunity—AIS Bridge Snapshot Day (270 reached)
 July 5 – (image) image shows sign regarding not dumping into storm drains (341 reached)
 July 5 – (link) FWWA blog post about the WDNR's Fish Sticks project creating fish habitat in the Lower Fox River (457 reached)
 July 6 – (link) 37 Great Lakes Facts that Will Blow Your Mind (1,249 reached)
 July 10 – (picture) image of the Bay of Green Bay (378 reached)
 July 12 – (pictures) Appleton's Summer Camp, week 6 students learned about different pollutants that enter our waters using the wheel of pollution, played runoff races, and created storm drain stencil designs (39 reached)

12/31/2016

Fox-Wolf Watershed Alliance Facebook Page 8/29/2016-10/21/2016

Description

August 29 – (event) Live Green Event shared, FWWA to hold Rain Barrel Workshop at the event (116 reached)
 August 30 – (link) FWWA blog post about changes at home to improve water quality (319 reached)
 August 31 – (picture) pretty sunset over the Fox River in Oshkosh (161 reached)

September 6 – (link) FWWA blog post about Live Green Rain Barrel Workshop event (85 reached)
 September 6 – (link) River Alliance link to video discussing AIS Bridge Snapshot Day (49 reached)
 September 6 – (picture) FWWA update profile picture to fall logo (31 reached)
 September 7 – (link) article about Starry Stonewort found in Sturgeon Bay (233 reached)
 September 8 – (link) FWWA link about hiring for a Program/NEWSC Coordinator (591 reached)
 September 12 – (pictures) photos from AIS Bridge Snapshot Day & thanking volunteers (89 reached)
 September 13 – (link) FWWA blog post about how to drain pools & spas (319 reached)
 September 14 – (picture) Volunteers need for final Wiouwash Trail Cleanup tonight (54 reached)
 September 19 – (event) Household Hazardous Waste Collection in Appleton 9/24 (213 reached)
 September 21 – (pictures) images from the Healing our Waters Conference in Ohio (77 reached)
 September 23 – (link) shared Green Lake Associations link about shoreline planting (41 reached)
 September 26 – (picture) cool perspective picture of Lake Michigan (61 reached)
 September 26 – (picture) shared Alliance for the Great Lakes post regarding beach ashtrays to keep litter off of beaches and out of the waters of Lake Michigan (92 reached)
 September 28 – (event) Bike Across Bago 2/4/2017 (135 reached)
 October 3 – (link) FWWA blog post about volunteers needed for Aesthetics Monitoring (290 reached)
 October 10 – (link) FWWA blog post about cover crops growing in the Plum and Kankapot (112 reached)
 October 10 – (link) Earth Charter Week begins at UW-Oshkosh (71 reached)
 October 11 – (picture) advertising a Piping Plover talk at Green Bay Wildlife Sanctuary on 10/13 (386 reached)
 October 11 – (picture) shared GLA's picture of sunglasses covered in Zebra Mussels (36 reached)
 October 18 – (link) shared article about Yellowstone using porous pavement to absorb water (194 reached)
 October 18 – (link) FWWA blog post about GLC brokering first Water Quality Trade (99 reached)
 October 19 – (link) Wisconsin State Farmer article covering the Clean Bay Backers event (450 reached)
 October 19 – (link) FWWA blog post about 52nd annual Conservation Field Days in Outagaie County (106 reached)
 October 21 – (picture) students at Fond du Lac school help clean up Enviroscape model after FWWA/NEWSC presentation (256 reached)

12/31/2016

Fox-Wolf Watershed Alliance Facebook Page 10/22/2016-12/8/2016

Description

October 22 – (link) Veins of America-Map showing all the river basins in the U.S. (157 reached)
 October 23 – (link) WUWM article about the problems of cigarette litter in Milwaukee (93 reached)
 October 26 – (link) FWWA blog post about upcoming Winter Parking lot Maintenance Workshop in Appleton hosted by FWWA/NEWSC (179 reached)
 November 1 – (picture) Save the Date for the 2017 Cleanup (380 reached)
 November 1 – (link) Blog post about Cellcom's Green Gift program and a thank you for their sponsorship (182 reached)
 November 2 – (link) information about drugs in our waters and where to dispose of them (98 reached)
 November 5 – (picture) a buck crosses Silver Creek (Upper Fox River Watershed) (57 reached)
 November 7 – (link) article about investments in water quality boosts jobs & property values (150 reached)
 November 8 – (picture) Renew Our Waters image regarding proper leaf collection (380 reached)
 November 9 – (link) Survey for potential Cleanup Site Leaders (161 reached)
 November 14 – (link) article about Living Shorelines (114 reached)
 November 14 – (picture) a surfer rides a wave on Lake Michigan (317 reached)
 November 15 – (video) Phragmites & Waterfowl Hunters (100 reached)
 November 16 – (link) WPR article on improved waters and growing wild rice in Green Bay (128 reached)
 November 18 – (video) USDA discusses how cover crops keep the soil intact (59 reached)
 November 18 – (link) Science magazine article about power plants' gypsum helping with reducing phosphorus runoff on agricultural fields (177 reached)
 November 21 – (link) Fox River Boardwalk Study (connecting communities over water) (186 reached)
 November 22 – (link) FWWA blog post about streambank restoration in Plum & Konkapot sub-watersheds (226 reached)
 November 22 – (picture) VolunteerFest advertisement and FWWA will have a booth (148 reached)
 November 23 – (picture) River quote & image from River Alliance of WI (140 reached)
 November 26 – (link) FWWA blog post Welcome new FWWA staff Korin & Chad (142 reached)
 November 29 – (link) Link to FWWA memberships/donations for #GivingTuesday (138 reached)
 December 1 – (link) article about salt contamination in Madison's wells (86 reached)
 December 2 – (picture) Quote about the magic of water (276 reached)
 December 2 – (picture) FWWA update cover photo (volunteer images) (100 reached)

December 2 – (picture) FWWA update profile picture (10 reached)
 December 6 – (link) article on “5 Invasive Species that May have Won the War” (260 reached)
 December 6 – (picture) beautiful sunset over Green Lake (21 reached)
 December 8 – (video) A new type of River Management is Coming (194 reached)

12/31/2016

Fox-Wolf Watershed Alliance Facebook Page 12/9/2016-12/31/2016

Description

December 9 – (picture) a teaspoon of road salt is enough to pollute 5 gallons of water (119 reached)
 December 11 – (picture) Renew Our Waters image regarding shoveling & salting (674 reached)
 December 20 – (video) Fox River projects and history (210 reached)
 December 21 – (link) Fox Valley Sledding Hills (154 reached)
 December 21 – (video) FWWA's Year in Review video (4,291 reached)
 December 23 – (link) Oshkosh Northwestern-Oshkosh to Look at Shoreline Restoration (350 reached)
 December 26 – (link) FWWA link to Nominate a Watershed Hero (251 reached)
 December 26 – (picture) Bubolz Nature Center is seeking your Christmas trees (246 reached)
 December 29 – (picture) shared from GLA, Trumpeter Swans on Green Lake (104 reached)
 December 29 – (pictures & video) Ice Boarding on Lake Winnebago (300 reached)
 December 30 – (link) Chicago Tribune-Cigarette butts make up half the Trash at Chicago Beaches (108 reached)

12/31/2016

Fox-Wolf Watershed Alliance Facebook Page 7/13/2016-8/28/2016

Description

July 13 – (picture) Wiouwash Trail Cleanup along Lake Butte des Morts on July 19th (114 reached)
 July 13 – (picture) Looking for Aesthetics Monitors (volunteers needed) (98 reached)
 July 14 – (pictures) The power of water—showing flooding in northern Wisconsin (50 reached)
 July 19 – (pictures) Appleton Summer Camp, week 7—campers searched for insects in the park, learned about different types of insects found in different habitats, and created a bug collection craft (219 reached)
 July 20 – (pictures) shared post from BDMCC-volunteers cleaned up the Wiouwash Trail (150 reached)
 July 21 – (link) article about Into the Streets program (cleanup and aesthetics monitoring with FWWA) (60reached)
 July 22 – (video) Drawn to Water (99 reached)
 July 31 – (link) article on phragmites treatment in the Bay of Green Bay (159 reached)
 August 1 – (link) FWWA blog post about upcoming Women Caring for the Land event (86 reached)
 August 2 – (pictures) Appleton Summer Camp, week 8—campers learned about invasive species, looked at preserved species, took a hike to see invasive species in the park and then made their own invasive species specimen jars to take home (326 reached)
 August 3 – (image & link) Winneconne Water Hyacinth Monitors needed (273 reached)
 August 4 (picture) WLUK shared photo of kayaker on Bay of Green Bay with sunset (248 reached)
 August 4 (picture) shared Love WI's post about the importance of WI's waters (136 reached)
 August 5 (picture) discussing exhibiting at Two Rivers' Community Cares event and showing the Watershed Pledge and kids who took the watershed pledge (261 reached)
 August 8 – (link) shared MKE Riverkeepers video/link of 4 months-time-lapsed-under Lake Michigan waters (191 reached)
 August 9 – (pictures) Appleton Summer Camp, week 9—the campers learned about streams, explored a stream in the park and then played stream bingo (69 reached)
 August 10 – (link) Still looking for Aesthetics Monitors (448 reached)
 August 11 – (link) What is Green Infrastructure? American Rivers (100 reached)
 August 11 – (link) Gathering Waters Photo Competition (319 reached)
 August 15 – (video) USDA showing healthy soils = healthy waters (170 reached)
 August 17 – (link) FWWA blog post about September 10th Rain Barrel Workshop (140 reached)
 August 22 – (image) thanks to Village of Sherwood for having FWWA/NEWSC exhibit at their SummerFest event (50 reached)
 August 23 – (picture) a pretty rainbow over Lake Winnebago (225 reached)
 August 25 – (picture) information about AIS Snapshot Day and call for volunteers (697 reached)
 August 25 – (link) 5 Ways to Protect Yourself from Blue-green Algae (259 reached)
 August 27 – (pictures) Thanking our St. Norbert volunteers for helping clean up and perform Aesthetics Monitoring in Voyaguer Park in De Pere (760 reached)

1.7.8 Storm Water Education Exhibits

Responsible Staff / Position: Kelly Reyer
Outreach Coordinator

Description

Host stormwater education exhibits at community events for opportunity to provide stormwater program information and to receive public feedback.

Document activity toward achieving this goal each reporting period with a description and date of the event, narrative summary of the information provided including the stormwater theme, the estimated number of public contacts made and identification or copy, including the quantity, of materials distributed.

Planned: 2014 2015 2016 2017

Complete: 2014 2015 2016

Activity Date	Name
02/13/2016	N.E.W. Sport Fishin' Show in Oshkosh

Description

Kelly Reyer exhibited at the N.E.W. Sport Fishin' Show on Saturday, February 13th at the Sunnyview Expo Center in Oshkosh. There were Renew Our Waters flyers available and event goers were encouraged to take the Watershed Pledge. The pledge, flyers, and other educational messages were available all weekend.

File Attachment [Watershed Pledge at NEW Sport Fishin Show2016.jpg](#)

03/19/2016	Super Science Saturday in Appleton
------------	------------------------------------

Description

The Super Science Saturday event took place on Saturday, March 19th at Woodland Elementary School in Appleton from 9-11am. NEWSC set up an exhibit in the school's gym and demonstrated stormwater runoff in action using the Enviroscape Model. We also partnered with Calumet County who borrowed our groundwater model and demonstrated how groundwater becomes polluted and how water moves underground. At least 80 people of all ages approached the tables throughout the morning.

File Attachment [Super Science Saturday.jpg](#)

04/23/2016	STEM Safari On the Fox
------------	------------------------

Description

FWWA/NEWSC was invited to present to over 60 students grades 3-7 at UW-Oshkosh's STEM Safari on the Fox which focused on environmental issues in our area. We discussed runoff pollution in our local lakes and streams and demonstrated the Enviroscape model.

05/07/2016	Bird Fest in Oshkosh
------------	----------------------

Description

Kelly Reyer exhibited at Bird Fest in Oshkosh on Saturday, May 7, 2016 at Menominee Park in Oshkosh. There were Renew Our Waters educational flyers available and residents were encouraged to take the watershed pledge.

File Attachment [IMG_20160507_082240083.jpg](#)

06/11/2016	Walleye Weekend Exhibiting
------------	----------------------------

Description

FWWA/NEWSC set up an educational table at the Fond du Lac Walleye Weekend event on Friday, June 10th and Saturday, June 11th. There were Renew Our Waters handouts available and Kelly Reyer was there encouraging people to take the Watershed Pledge. On Saturday, Kelly did two presentations (10:00am & 2:00pm) on the personal and environmental benefits of installing rain barrels and then followed that by building a rain barrel in front of an audience. Below are two links. The first describes the Conservation Station and the other is an article from the Fond du Lac Reporter with a quote from Kelly.

<http://www.fdlfest.com/walleye-weekend-map/waste-management-conservation-station-new>
<http://www.fdlreporter.com/story/news/local/2016/06/11/walleye-weekend-draws-crowds/85696254/>

File Attachment [IMG_20160610_154436059_HDR.jpg](#)

08/05/2016 Two Rivers Community Cares Event

Description

The Two Rivers Community Cares event took place on Friday August 5th at the city center in Two Rivers. NEWSC set up an exhibit next to the Public Works Department and provided 8 Renew Our Waters flyers to the public. The watershed pledge was available at this event where pledgers provided their demographic information, and received either a beach ball, sports bottle, or pet waste bag holder that read, "I took the watershed pledge" in return. At least 120 people approached the booth throughout the day.

File Attachment [IMG_20160805_092001977_HDR.jpg](#)

File Attachment [IMG_20160805_111947477_HDR.jpg](#)

File Attachment [collage of watershed pledgers.jpg](#)

08/21/2016 SummerFest Community Event in Sherwood

Description

The SummerFest event took place on Saturday, August 21st at Wanick Choute Park in Sherwood. NEWSC set up an exhibit in the park's shelter and provided 8 Renew Our Waters flyers to the public. The watershed pledge was available at this event where pledgers provided their demographic information, and received either a beach ball, sports bottle, or pet waste bag holder that read, "I took the watershed pledge" in return. At least 80 people approached the booth throughout the day.

File Attachment [SummerFest in Sherwood 8.21.2016.jpg](#)

File Attachment [SummerFest in Sherwood 8.2016.jpg](#)

File Attachment [Sherwood Facebook Post.PNG](#)

10/15/2016 Trick or Treat Trail in Bellevue

Description

The Trick or Treat Trail community event took place on Saturday, October 15th at Josten Park in Bellevue. NEWSC set up an exhibit along a trail in the park's forested area and provided 8 Renew Our Waters flyers to the public. The watershed pledge was available at this event where pledgers provided their demographic information, and received either a beach ball, sports bottle, or pet waste bag holder that read, "I took the watershed pledge" in return. At least 400 people approached the booth throughout the day. Candy was provided to trick or treaters.

File Attachment [TrickorTreatTrailBellevue.jpg](#)

File Attachment [Bellevue Trick or Treat Trail Info.pdf](#)

1.7.9 Storm Water Education Presentations

Responsible Staff / Position: Kelly Reyer
Outreach Coordinator

Description

Host, support or conduct presentations on stormwater education topics for local organizations, including community groups, business groups, schools, non-profit and professional organizations.

Identify each presentation conducted each reporting period, including the date, name of the group or organization, audience description, topic presented and stormwater theme, approximate number of participants in the discussion and any materials distributed. Include a copy of the presentation document when available.

Attachment: 2016 NEWSC Annual Report (5630 : Consider 2016 Annual WDNR MS4 General Permit*)

Planned: 2014 2015 2016 2017

Complete: 2014 2015 2016

Activity Date **Name**

01/06/2016 Graber Elementary School in Menasha

Description

Outreach Coordinator, Kelly Reyer, presented to (3) 5th grade classes at Graber Elementary in Menasha in the afternoon on January 6th. The classes received a presentation on stormwater runoff education and used the Enviroscape model to show stormwater runoff in action. There were approximately 75 students.

01/25/2016 Allouez Stormwater Utility Commission Presentation

Description

Allouez is part of the Lower Fox River TMDL. Jessica presented to the Allouez Stormwater Utility Commission on the MS4 permit and how it will change with an approved TMDL in place.

File Attachment [Stormwater permit and TMDL presentation.pptx](#)

02/09/2016 West High School in Green Bay

Description

Outreach Coordinator, Kelly Reyer, presented to (3) Environmental Science classes at West High School in Green Bay during the morning and afternoon on February 9th. The classes received a presentation on stormwater runoff education and used the Enviroscape model to show stormwater runoff in action. There were approximately 50 students.

02/18/2016 Horizons Elementary School in Appleton

Description

Outreach Coordinator, Kelly Reyer, presented to (2) 6th grade classes at Horizons Elementary in Appleton during the afternoon on February 18th. The classes received a presentation on stormwater runoff education and used the Enviroscape model to show stormwater runoff in action. There were approximately 50 students.

03/10/2016 Notre Dame Academy in Green Bay

Description

Outreach Coordinator, Kelly Reyer, presented to (3) high school classes at Notre Dame Academy in Green Bay during the morning and afternoon on March 10th. The classes received a presentation on stormwater runoff education and used the Enviroscape model to show stormwater runoff in action. There were approximately 60 students.

05/03/2016 Beaumont Elementary in Green Bay

Description

Outreach Coordinator, Kelly Reyer, presented to (2) 5th grade classes at Beaumont Elementary in Green Bay during the afternoon on May 3rd. The classes received a presentation on stormwater runoff education and used the Enviroscape model to show stormwater runoff in action. There were approximately 50 students.

05/05/2016 Baird Elementary in Green Bay

Description

Outreach Coordinator, Kelly Reyer, presented to (2) 5th grade classes at Baird Elementary in Green Bay during the afternoon on May 5th. The classes received a presentation on stormwater runoff education and used the Enviroscape model to show stormwater runoff in action. There were approximately 50 students.

05/17/2016 Lakeview Elementary in Neenah

Description

Outreach Coordinator, Kelly Reyer, presented to (2) 5th grade classes at Lakeview Elementary in Neenah during the afternoon on May 17th. The classes received a presentation on stormwater runoff education and used the Enviroscape model to show stormwater runoff in action. There were approximately 50 students.

File Attachment [LakeviewElementaryinNeenah1.jpg](#)

File Attachment [LakeviewTY1.jpg](#)

Attachment: 2016 NEWSC Annual Report (5630 : Consider 2016 Annual WDNR MS4 General Permit*)

05/31/2016

Aldo Leopold School in Green Bay

Description

Outreach Coordinator, Kelly Reyer, presented to 6th-8th graders at Aldo Leopold School in Green Bay during the afternoon on May 31st. The students received a presentation on stormwater runoff education and used the Enviroscape model to show stormwater runoff in action. There were approximately 12 students.

06/02/2016

Emmeline Cook Elementary in Oshkosh

Description

Outreach Coordinator, Kelly Reyer, presented to (2) 4th grade classes at Emmeline Cook Elementary in Oshkosh during the morning of June 2nd. The classes received a presentation on stormwater runoff education and used the Enviroscape model to show stormwater runoff in action. The students also took the Watershed Pledge. There were approximately 45 students.

File Attachment [Emmeline Cook.jpg](#)File Attachment [Emmeline Cook1.jpg](#)File Attachment [Emmeline Cook2.jpg](#)

10/04/2016

Kaukauna High School

Description

Outreach Coordinator, Kelly Reyer, presented to an Environmental Science class at Kaukauna High School in Kaukauna during the morning of October 4, 2016. The classes received a presentation on stormwater runoff education and used the Enviroscape model to show stormwater runoff in action. The students also took the Watershed Pledge. There were approximately 15 students.

10/20/2016

Lakeshore Elementary in Fond du Lac

Description

Outreach Coordinator, Kelly Reyer, presented to (3) 5th grade classes at Lakeshore Elementary in Fond du Lac during the afternoon of October 20th. The classes received a presentation on stormwater runoff education and used the Enviroscape model to show stormwater runoff in action. There were approximately 70 students.

File Attachment [Lakeshore Elementary Exhibiting.jpg](#)

11/30/2016

Huntley Elementary in Appleton

Description

Outreach Coordinator, Kelly Reyer, presented to (2) 4th grade classes at Huntley Elementary in Appleton during the morning of November 30th. The classes received a presentation on stormwater runoff education and used the Enviroscape model to show stormwater runoff in action. The students also took the Watershed Pledge. There were approximately 50 students.

12/07/2016

Huntley Elementary in Appleton

Description

Outreach Coordinator, Kelly Reyer, presented to (2) 4th grade classes at Huntley Elementary in Appleton during the morning of December 7th. The classes received a presentation on stormwater runoff education and used the Enviroscape model to show stormwater runoff in action. The students also took the Watershed Pledge. There were approximately 50 students.

1.7.10 Collaborative Education Efforts**Responsible Staff / Position:**

Chad VandenLangenberg
Program Coordinator - NEWSC & LFR

Description

Collaborate with other entities to meet stormwater education and outreach goals, including local and regional non-profit/ environmental/ community groups and other local units of government.

Summarize collaboration efforts each reporting period, including the name and description of each group, and collaborative efforts completed including a summary of educational materials or information provided, date conducted and estimated number of participants for each activity.

Attachment: 2016 NEWSC Annual Report (5630 : Consider 2016 Annual WDNR MS4 General Permit*)

Planned: 2016 2017

Complete: 2016

Activity Date **Name**

12/31/2016 Cooperation with Coastal Collaboration Group

Description

Partners from Milwaukee area - SWEET Water, Lakeshore Natural Resource Partnership (LNRP), Sea Grant and Lake Michigan Stakeholders are working on coordinating public education campaigns along the shores of Lake Michigan. The group is meeting to discuss merging or building off of existing campaigns (Milwaukee area "Respect Our Waters" campaign, LNRP's "We all Live on the Water" and NEWSC's "Renew Our Waters Campaign"). The group met on 11/16/2016 and 12/15/2016. Additional meetings and forward movement on the education campaign are anticipated in 2017.

2 Public Involvement and Participation

Responsible Staff / Position:

Description

The permittee shall maintain its program to notify the public of activities required by this permit and to encourage input and participation from the public regarding these activities. This program shall have measurable goals for public involvement and participation and comply with applicable state and local public notice requirements.

Best Management Practices

2.2 Public Involvement

Responsible Staff / Position:

Required No

Description

Provide opportunities for public input and participation in development of programs and policies developed to maintain compliance with MS4 permit requirements. Give consideration to public input received for incorporation with stormwater management programs and practices.

Goals

2.2.2 Public Participation Opportunities

Responsible Staff / Position: Kelly Reyer
Outreach Coordinator

Description

Provide or support opportunities for public involvement in stormwater management plan development and program implementation. Such activities might include storm drain marking, waterway cleanup, clean sweep programs, household hazardous waste drop offs, rain garden workshops and rain barrel programs.

Provide a summary of public involvement activities offered each reporting period, including a description of the activity, the number of people involved and the results of the activity.

Planned: 2014 2015 2016 2017

Complete: 2014 2015 2016

Activity Date	Name
04/30/2016	2016 Fox-Wolf Watershed Cleanup

Description

NEWSC partnered with the Fox-Wolf Watershed Alliance and other sponsors to hold the 2016 Fox-Wolf Watershed Cleanup on Saturday, April 30, 2016. Cleanup sites were organized for the entire stretch of the Lower Fox River, around Lake Winnebago, Lake Butte des Morts, and on the Wolf/Embarass rivers in New London. In total, our volunteers removed 307 bags of trash, 353 chunks of styrofoam, 6.5 tires, one big wheel trike, one cooler, a metal drum, and three metal pipes were removed from our watershed. Many other strange items were found as well. The event drew collaboration from the UW-Oshkosh Wildlife Conservation Club, the annual Fondy River Cleanup group, Friends of High Cliff, Time Warner Cable's Green Team, Graymont employees, and the Fond du Lac County Land and Water Conservation Department. The event attracted numerous sponsors, and the story was broadcasted on Channel 5 news, Fox-11 news, NBC-26, and published by the Appleton Post-Crescent.

Radio ad: <https://clyp.it/itrpmhqj>

Post Crescent for Watershed Cleanup A-Z Guide to Earth Day (Letter W):

<http://www.postcrescent.com/story/news/2016/04/21/earth-day-2016-a-to-z-guide/83304418/>

Post Crescent Cover Story:

<http://www.postcrescent.com/story/news/2016/04/25/alliance-hold-fox-wolf-watershed-cleanup/83511012/>

Fox-11 Coverage 4/30/2016:

<http://fox11online.com/good-day-wi/fox-wolf-watershed-cleanup>

File Attachment [2016 Cleanup Totals.jpg](#)

File Attachment [Event poster 2016.jpg](#)

File Attachment [Fox River Watershed Cleanup PR 2016.doc](#)

09/10/2016

AIS Bridge Snapshot Day 2016

Description

Aquatic Invasive Species Bridge Snapshot Day took place on Saturday, September 10, 2016 at locations throughout Wisconsin. Fox-Wolf Watershed Alliance coordinated a rendezvous site in Appleton. There were four teams coordinated by FWWA that consisted of 3-8 volunteers each and included teams in Neenah, Menasha, Little Chute, Appleton-Newberry/North Island, and Appleton-Peabody/Lutz/Telulah. There were approximately 17 volunteers. Participants were trained on how to search, collect, and report on invasive species at their sites. Volunteers were provided breakfast and training and then traveled to their sites to search for invasive species. The event is ultimately coordinated by the River Alliance of Wisconsin who uses the data to report on the target areas for AIS outreach and projects.

File Attachment [Chase Herb n Dolly Smith Neenah 2 Mystery Snail \(1\).jpg](#)

File Attachment [Dawson AIS the Refuge \(1\).jpg](#)

File Attachment [Doering Family Appleton.jpg](#)

2.2.4 Storm Drain Marking Program**Responsible Staff / Position:****Description**

Provide assistance to various local groups with storm drain marking or stenciling, upon request.

Summarize volunteer storm drain marking or stenciling activities assisted each reporting period, including the number of storm drains marked or stenciled.

Activity Date	Name	Description
None		

4 Construction Site Pollutant Control

Responsible Staff / Position:

Description

The permittee shall continue to implement and enforce its program to reduce the discharge of sediment and construction materials from construction sites.

Best Management Practices

4.1 Erosion and Sediment Control Regulatory Mechanism

Responsible Staff / Position:

Required Yes

Description

Adopt and maintain an ordinance or other regulatory mechanism to require erosion and sediment control at construction sites and establish sanctions to ensure compliance. At a minimum, the ordinance or other regulatory mechanism shall establish or include:

1. Applicability and jurisdiction.
(1) Pursuant to the authority provided to the permittee under Wisconsin statutes, it shall apply to all construction sites with one acre or more of land disturbance, and to sites of less than one acre if they are part of a larger common plan of development or sale under the jurisdiction of the permittee.
2. Requirements for design and implementation of erosion and sediment control practices consistent with the criteria of those approved by the Department.
3. Construction site performance standards equivalent to those in ss. NR 151.11(6m) and 151.23(4m), Wis. Adm. Code. If the current ordinance does not contain construction site performance standards equivalent to those in ss. NR 151.11(6m) and 151.23(4m), Wis. Adm. Code, the permittee shall create or amend the ordinance to meet this requirement within 24 months of the date of notification of coverage under this permit.
4. Erosion and sediment control plan requirements for landowners of construction sites equivalent to those contained in s. NR 216.46, Wis. Adm. Code.
5. Inspection and enforcement authority.
6. Requirements for construction site operators to manage waste such as discarded building materials, concrete truck washout, chemicals, litter and sanitary waste at the construction site so as to reduce adverse impacts to waters of the state.

Goals

4.1.1 ESC Regulatory Mechanism

Responsible Staff / Position:

Description

Develop, adopt and implement a regulatory mechanism to establish requirements for erosion and sediment controls and waste controls from construction activity as described. Also develop and maintain policy guidance outlining procedures for application of various sanctions or penalties authorized within the regulatory mechanism.

Provide a copy of or link to the adopted IDDE regulatory mechanism and accompanying policy guidance. Confirm that the copy provided or link referenced is current each reporting period.

Activity Date

Name

12/31/2016

Post Construction Model Ordinance

Description

Post Construction Model Ordinance was complete in 2015 and available to all members.

File Attachment [NEWSC POST CONSTRUCTION MODEL ORDINANCE.pdf](#)

12/31/2016

NEWSC Model Construction Site Erosion Control Zoning Ordinance

Description

NEWSC Model ordinance updated in 2015 is available to members.

File Attachment [NEWSC Model Construction Site Erosion Control
Zoning Ordinance.pdf](#)

4.4 Administer Construction Site ESC Program

Responsible Staff / Position:

Required Yes

Description

Administer the construction site pollutant control program including the process for obtaining local approval, managing and responding to complaints, and tracking regulated construction sites.

Goals

4.4.4 Administer Erosion & Sediment Control Workshops

Responsible Staff / Position:

Description

Planned: 2014 2015 2016

Complete: 2014 2015

Activity Date	Name
01/26/2016	2016

Description

The Erosion & Sediment Control workshop was held at Robbin's Restaurant in Oshkosh on 1/26/2016. The workshop addressed 1 & 2 family home erosion & sediment control practices. The workshop was attended by Eleven people including municipal building inspectors as well as a few home builders. The workshop qualified for 4.5 CEUs for Commercial Building Inspector, Dwelling Contractor Qualifier and UDC Construction Inspector.

File Attachment [Erosion Control Training Single Family Homes 10_20_15.ppt](#)

File Attachment [Erosion and Sediment Control Workshop Form 1_26.pdf](#)

5 Post Construction Stormwater Control

Responsible Staff / Position: Chad VandenLangenberg
Program Coordinator - NEWSC & LFR

Description

Develop, adopt and implement a Post Construction Stormwater Control Ordinance.

Best Management Practices

5.1 Post Construction Stormwater Control Reference Guide

Responsible Staff / Position: Chad VandenLangenberg
Program Coordinator - NEWSC & LFR

Required Yes

Description

NEWSC Building & Development Committee has been working on a Post Construction Stormwater Control Ordinance - Reference Guide that will match up with the written ordinance to aid with interpretation and implementation.

Measureable goal to include completed reference guide by the end of 2017.

A copy of the guide will be provided when it is complete.

Specific Components and Notes

Link to the current document:

<https://drive.google.com/open?id=0B3QBi7Jc-6UoSHV4Q1JUMnpWcGc>

Goals

None

Activity Date	Name	Description
None		

5.2 Staff Training

Responsible Staff / Position: Chad VandenLangenberg
Program Coordinator - NEWSC & LFR

Required No

Description

Include measurable goals to educate appropriate municipal and other personnel involved in implementing this program.

Goals

5.2.1 Post Construction BMP Training

Responsible Staff / Position: Chad VandenLangenberg
Program Coordinator - NEWSC & LFR

Description

NEWSC will offer training to municipal staff on the operations, inspection and maintenance programs for a variety of post construction best management practices. The Municipal committee will aim to provide one training per year beginning in 2016.

Planned: 2016 2017

Complete: 2016

Activity Date	Name
09/30/2016	Stormwater Pond Workshop

Description

Fifty people participated in the Stormwater Pond Workshop held at the Scheig Center in Appleton on Friday, September 30. Topics included:

- Key design elements of Stormwater Ponds
- Inspection
- Pond Tour
- Pond Maintenance
- GIS Integration for Management
- Panel discussion

Panelists:

Mike Kraszewski, City of Rochester, MN
Allan Barrows, Waukesha County
Pete Neuberger, City of Appleton
James Rabe, City of Oshkosh
Nick Waldschmidt, City of Fond du Lac

File Attachment	<u>NEWSC Pond Workshop 2016 Outline.xlsx</u>
File Attachment	<u>NEWSC STORMWATER POND WORKSHOP INSPECTION - Mike Kraszewski.pdf</u>
File Attachment	<u>NEWSC STORMWATER POND WORKSHOP MAINTENANCE PROGRAM - Mike Kresewski.pdf</u>
File Attachment	<u>City of Rochester Pond Acceptance Checklist.DOC</u>
File Attachment	<u>City of Rochester Storm Pond Inspection Form.doc</u>

File Attachment [2016_9_30_Stormwater Pond Wkshp.xlsx](#)

File Attachment [Stormwater Pond Workshop Evaluations.pdf](#)

6 Pollution Prevention

Responsible Staff / Position:

Description

The permittee shall continue to implement its pollution prevention program.

Best Management Practices

6.10 Staff Training and Education

Responsible Staff / Position:

Required Yes

Description

Include measurable goals to educate appropriate municipal and other personnel involved in implementing this program.

Goals

6.10.1 Operations Staff Training

Responsible Staff / Position:

Chad VandenLangenberg
Program Coordinator - NEWSC & LFR

Description

Provide pollution prevention training for operations staff each year.

Provide a description of completed training each reporting period, including the date of the training, subjects covered, copy of or reference to materials provide and number of participants.

Planned: 2014 2015 2016 2017

Complete: 2014 2015 2016

Activity Date

Name

09/06/2016

Winter Maintenance Supervisor Certificate Training

Description

Promoted the APWA Wisconsin Chapter Winter Maintenance Supervisor Certificate Training that was held in conjunction with their annual Snowplow Rodeo. This full day training offered a winter maintenance certificate designed to expand participant knowledge in winter maintenance planning, weather, operations, chemicals, maintenance and environmental impacts. NEWSC offered its members scholarships to reduce the cost of the \$60 registration.

12/31/2016

Excal Visual Staff Pollution Prevention Traing

Description

Municipal Stormwater Pollution Prevention "Storm Watch"
Regulated municipalities are required to train their employees on stormwater pollution prevention and BMPs. This 20-minute training video helps regulated municipalities (Phase I and Phase II) train their employees as required under their Permit. The program focuses on BMPs that are important to many municipal operations such as good housekeeping, spill response, materials storage and handling, landscape maintenance and street maintenance. Employees working in fleet maintenance, garages, parks, recreation facilities, street maintenance and other departments can all benefit from this information. Excal Visual DVDs available for checkout.

6.10.4 Municipal Facility SWPPP Training

Responsible Staff / Position: Genevieve Vander Velden
Program Coordinator

Description

Provide annual training for implementation and maintenance of SWPPP requirements for all municipal sites. Note and include any unique training requirements included in individual facility SWPPPs for employees responsible for operation of those facilities.

Provide a description of completed training each reporting period, including the date of the training, subjects covered, copy of or reference to materials provide and number of participants.

Planned: 2014 2015 2016 2017

Complete: 2014 2015 2016

Activity Date	Name
12/31/2016	Pollution Prevention Posters

Description

The pollution prevention posters are available to NEWSC members upon request as well as on newsc.org.

File Attachment	<u>Pollution Prevention Solid Waste Operations.pdf</u>
File Attachment	<u>Pollution Prevention Soil Waste Operations.pdf</u>
File Attachment	<u>Pollution Prevention Land Disturbances.pdf</u>
File Attachment	<u>Pollution Prevention Land Disturbances 2.pdf</u>
File Attachment	<u>Pollution Prevention Streets and Drainage Maintenance.pdf</u>
File Attachment	<u>Pollution Prevention Streets and Drainage Maintenance 2.pdf</u>
File Attachment	<u>Pollution Prevent Parks and Ground Maintenance.pdf</u>
File Attachment	<u>Pollution Prevention Parks and Ground Maintenance 2.pdf</u>
File Attachment	<u>Pollution Prevention Materials Storage and Spill Cleanup.pdf</u>
File Attachment	<u>Pollution Prevention Fleet Maintenance.pdf</u>

7 Storm Water Quality Management

Responsible Staff / Position: Genevieve Vander Velden
Program Coordinator

Description

The permittee shall continue to implement its municipal storm water quality management program. This program shall maintain compliance with the developed urban area performance standards of s. NR 151. 13(2)(b)1., Wis Adm. Code, for those areas of the municipality that were not subject to the post-construction performance standards of ss. NR 151.12 or 151.24, or ss. NR 151. 122 through 151.126 or ss. 151.242 through 141.246, Wis. Adm. Code.

Best Management Practices

7.1 TMDL

Responsible Staff / Position: Genevieve Vander Velden
Program Coordinator

Required No

Description

Keep members updated on any changes in required TMDL reduction. Communicate with other community organizations for information by sitting on local committees and contacting the Wisconsin DNR.

Goals

7.1.1 TMDL Communication

Responsible Staff / Position: Chad VandenLangenberg
Program Coordinator - NEWSC & LFR

Description

Keep members updated on any required changes in Total Maximum Daily Load reduction. Communicate with other community organizations for information.

Planned: 2014 2015 2016 2017

Complete: 2014 2015 2016

Activity Date	Name
03/01/2016	TMDL Development & Implementation Program

Description

Partnered with the Fox-Wolf Watershed Alliance to host a TMDL development and implementation track at the Annual Fox-Wolf Watershed Alliance Conference March 1 in Oshkosh.

File Attachment [2016 Fox-Wolf Conference Agenda.pdf](#)

9 Annual Report

Responsible Staff / Position:

Description

The permittee shall submit an annual report for each calendar year to the Department by March 31st of the following year. The permittee shall invite the municipal governing body, interest groups and the general public to review and comment on the annual report.

Best Management Practices

9.1 Annual Reports and Financial Information

Responsible Staff / Position: Nick Waldschmidt
NEWSC Vice Chair
(920) 322-3482

Required Yes

Description

Annual report requirements shall include:

1. The status of implementing the permit requirements, status of meeting measurable program goals and compliance with permit schedules.
2. A fiscal analysis which includes the annual expenditures and budget for the reporting year, and the budget for the next year.
3. A summary of the number and nature of inspections and enforcement actions conducted to ensure compliance with the required ordinances.
4. Identification of any known water quality improvements or degradation in the receiving water to which the permittee's MS4 discharges. Where degradation is identified, identify why and what actions are being taken to improve the water quality of the receiving water.
5. An evaluation of program compliance, the appropriateness of identified best management practices, and progress towards achieving identified measurable goals. Any program changes made as a result of this evaluation shall be identified and described in the annual report. For any identified deficiencies towards achieving the requirements under section 2 of this permit or lack of progress towards meeting a measureable goal, the permittee shall initiate program changes to improve their effectiveness.
6. If applicable, notice that the permittee is relying on another municipality to satisfy any of the permit requirements and a description of the arrangement where a permit requirement is being met in this manner.

Goals

9.1.1 Submit Annual Report

Responsible Staff / Position: Chad VandenLangenberg
Program Coordinator - NEWSC & LFR

Description

A duly authorized representative of the permittee shall sign and certify the annual report and include a statement or resolution that the permittee's governing body or delegated representatives have reviewed or been apprised of the content of the annual report. Submit a signed copy of the annual report and other required reports to the appropriate Department regional storm water contact or to the Wisconsin DNR, Storm Water Program – WT/3, P.O. Box 7921, Madison, WI 53707-7921.

Provide a copy of or reference to the submitted reports as described above each reporting period.

Planned: 2015 2016 2017

Complete: 2015 2016

Activity Date	Name
12/31/2016	2016 Annual Report

Description

The 2016 Annual Report is final and attached.

File Attachment [2016 NEWSC Annual Report.pdf](#)

Attachment: 2016 NEWSC Annual Report (5630 : Consider 2016 Annual WDNR MS4 General Permit*)

11 NEWSC Management

Responsible Staff / Position: Genevieve Vander Velden
Program Coordinator

Description

Management of NEWSC activities: meetings, communication, etc.

Best Management Practices

11.1 Meetings

Responsible Staff / Position: Genevieve Vander Velden
Program Coordinator

Required No

Goals

11.1.1 Committee Meetings

Responsible Staff / Position: Genevieve Vander Velden
Program Coordinator

Description

Planned: 2014 2015 2016

Complete: 2014 2015

Activity Date	Name
12/31/2016	2016 General Public Committee

Description

The committee decided to meet semi-annually throughout the year and also will meet as needed. The committee addresses stormwater outreach and education in NEWSC member communities.

File Attachment [GEN_MIN_1_21_16.docx](#)

File Attachment [BW-2016_10_06 GEN_MIN.docx](#)

12/31/2016	2016 Building & Development Committee
------------	---------------------------------------

Description

The Building & Development Committee met monthly throughout the year to edit the NEWSC Post-Construction Model Ordinance and Reference Guide.

File Attachment [Nick-- NEWSC Post-Construction Ordinance June 2016.docx](#)

File Attachment [5-NEWSCPostConstructionStormwaterReferenceGuide_AG.docx](#)

12/31/2016	2016 Leadership Council
------------	-------------------------

Description

The Leadership Council met quarterly throughout the year. The Council is as follows:

Chair: Nick Waldschmidt

Vice-Chair: Danielle Santry

Secretary/Treasurer: Eric Rakers

Past-Chair: Jeremy Freund

Municipal Committee Chair: Jeff Mazanec

General Public Committee Chair: Sue Olson

Building & Development Committee Chair: Brent Jalonon

Rules & Regulations Committee Chair: Nick VandeHey

TMDL Committee Chair: George Dearborn

Member-at-Large: Heath Kummerow

Member-at-Large: Chris Pagels

File Attachment [LC_MINUTES_1_18_2016 final.pdf](#)

Attachment: 2016 NEWSC Annual Report (5630 : Consider 2016 Annual WDNR MS4 General Permit*)

File Attachment [LC_AGENDA_04_18_2016 final.pdf](#)
 File Attachment [LC_MINUTES_07_18_2016 draft.docx](#)
 File Attachment [2016 NEWSC Leadership Council.docx](#)

12/31/2016 2016 Municipal Committee

Description

The municipal committee met throughout the year to advance committee projects, the largest of 2016 being the stormwater pond workshop.

File Attachment [Stormwater_Pond_Flyer_Advertisement_2016.pub](#)
 File Attachment [NEWSC Pond Workshop 2016 Outline \(1\).pdf](#)
 File Attachment [MUN_AGENDA_6_3_2016.docx](#)
 File Attachment [MUN_AGENDA_8_8_2016.docx](#)

12/31/2016 2016 Coordinator Meetings

Description

In 2016, Genevieve launched "NEWSC Coordinator Meetings." These meetings are one-on-one with smaller, less involved members of the consortium. The meets are designed to connect with the membership and determine if NEWSC can do more for those we serve.

11.1.2 Full Membership Meetings

Responsible Staff / Position: Genevieve Vander Velden
 Program Coordinator

Description

NEWSC Full Membership meets twice a year to stay updated on NEWSC happenings and vote on the NEWSC Leadership Council. A representative from each NEWSC community is expected to report to biannual full membership meetings.

Planned: 2014 2015 2016

Complete: 2014 2015

Activity Date Name

12/31/2016 2016

Description

The NEWSC membership meets bi annually, in 2016, the membership met on May 9, 2016 and November 7, 2016.

File Attachment [FM_MIN_5_9_2016.docx](#)
 File Attachment [FM_AGENDA_20161107.pdf](#)

11.2 Member Communication

Responsible Staff / Position: Genevieve Vander Velden
Program Coordinator

Required No

Goals

11.2.1 NEWS.org

Responsible Staff / Position: Genevieve Vander Velden
Program Coordinator

Description

The NEWS.org Program Coordinator will update and populate the website as necessary with upcoming events, news, and information relating to the consortium's committee's and meetings.

Planned: 2014 2015 2016

Complete: 2014 2015 2016

Activity Date	Name
12/31/2016	2016

Description

Populated the website with committee meeting dates/times, meeting minutes, resources, and NEWS.org model ordinances.

11.2.2 Email and Updates

Responsible Staff / Position: Genevieve Vander Velden
Program Coordinator

Description

Planned: 2014 2015 2016

Complete: 2014 2015 2016

Activity Date	Name
12/31/2016	2016

Description

Communicated with membership by emailing NEWS.org updates and training opportunities

11.3 Grant Application

Responsible Staff / Position: Genevieve Vander Velden
Program Coordinator

Required No

Goals

11.3.1 2015

Responsible Staff / Position: Genevieve Vander Velden
Program Coordinator

Description

Planned: 2014 2015 2016

Complete: 2014 2015

Activity Date	Name	Description
---------------	------	-------------

None		
------	--	--

City of De Pere - Engineering

925 S. Sixth St. ♦ De Pere, WI 54115 ♦ Ph: 920.339.4061

3.7.c

STORMWATER OPERATION & MAINTENANCE LISTING						No. of Problems Noticed (Inspection Checklist)			
Basin	Name or Location	Type	Date of Last Inspection	Inspector	Ownership	Monitor (M)	Work Needed (WN)	Maintenance Deadline	Maintenance Completed
AC020A	1901 S Ashland Ave - Railroad	Swale/Ravine			Public				
AC030A	1629 S Ashland Ave (Behind WPS station)	Pond	07/18/2016	Abby	Private	6	3	N/A	N/A
AC050A	250 S 9th St (Rennes Health)	Pond	07/18/2016	Abby	Private	4	7	N/A	N/A
AC050A	Suburban - Ninth on Grant St	Swale/Ravine	06/14/2013	Cory	Public			N/A	Unsure
AC050A	Elm - Ninth St	Swale/Ravine			Public				
AC050A	900 Main Ave (Unison Credit Union)	Biofilter	07/18/2016	Abby	Private	2	2	N/A	N/A
AC050B	765 Lawrence Dr (Pool Works Inc)	Pond	07/18/2016	Abby	Private	2	5	10/15/2016	No
AC050B	Westwind Ct	Pond	07/18/2016	Abby	Disputed	4	2	N/A	N/A
AC055A	1001 Main Ave (Festival Foods)	Pond	07/18/2016	Abby	Private	4	9	10/15/2016	No
AC055A	1501 Main Ave (Mid-Valley)	Pond	07/18/2016	Abby	Private	5	3	N/A	N/A
AC055A	Exit 163 (Mid-Valley Rd-Hwy 41)	Pond	06/30/2016	Abby	Public	6	2	N/A	N/A
AC060A	505 Lawrence Dr swale	Dry Detention	06/13/2013	Cory	Public			N/A	Unsure
AC060A	505 Lawrence Dr (Creative Signs Co Inc)	Biofilter	07/18/2016	Abby	Private	0	1	N/A	N/A
AC060A	NW Lawrence - Grant Dry	Dry Detention			Public				
AC060A	875 Lawrence Dr (Cummins)	Pond	07/18/2016	Abby	Private	6	4	N/A	N/A
AC060A	SW Lawrence - Grant	Pond	06/30/2016	Abby	Public	8	4	N/A	N/A
AC070A	1205 Lawrence Dr (Concrete Contractors)	Pond	07/19/2016	Abby & Austen	Private	5	5	N/A	N/A

Attachment: 2016_Storm_Facility_Review (5630 : Consider 2016 Annual WDNR MS4 General Permit*)

City of De Pere - Engineering

925 S. Sixth St. ♦ De Pere, WI 54115 ♦ Ph: 920.339.4061

AC070A	1313 Lawrence Dr (Rear Menards/Walmart)	Pond	07/19/2016	Abby & Austen	Private	2	4	N/A	N/A
AC070A	1400 Block Lawrence Dr (Menards Parking)	Pond	07/18/2016	Abby	Private	7	0	N/A	N/A
AC080A	1610-1620 Lawrence Dr (Scheuring)	Pond	07/19/2016	Abby & Austen	Private	3	5	N/A	N/A
AC090A	Lawrence Dr (Integritys Parking-Preserve Entrance)	Pond	06/27/2016	Abby	Public	5	6	[SET]	No
AC090A	1420 Fortune Ave (Harper Co.)	Dry Detention	07/19/2016	Austen & Dylon	Disputed	0	6	10/15/2016	No
AC090A	1700 Lawrence Dr (Community First Credit Union)	Pond	07/19/2016	Abby & Austen	Private	1	2	N/A	N/A
AC090A	1717 Lawrence Dr (Shopko Northeast)	Pond	07/19/2016	Austen & Dylon	Private	6	0	N/A	N/A
AC090A	1717 Lawrence Dr (Shopko Northwest)	Pond	07/19/2016	Abby & Austen	Disputed	2	8	10/15/2016	No
AC090A	Shopko Southeast (Dry)	Dry Detention							
AC090A	1801 Lawrence Dr (Independent Printing)	Pond	07/19/2016	Austen & Dylon	Private	4	1	N/A	N/A
AC090A	1869 American Blvd (Graybar)	Pond	07/19/2016	Austen & Dylon	Private	6	1	N/A	N/A
AC090A	1997 American Blvd (Cleaning Systems)	Pond	07/19/2016	Austen & Dylon	Private	0	0	N/A	N/A
AC090A	2001 Lawrence (Coin Wrap)	Pond	07/19/2016	Austen & Abby	Private	5	5	10/15/2016	No
AC090A	2001 Lawrence (Coin Wrap)	Swale/Ravine			Private				
AC090A	Scheuring - American Blvd	Pond	06/27/2016	Abby	Public	7	3	N/A	N/A
AC090A	Exit 161 Roundabout (Hwy 41 - Scheuring)	Pond	06/27/2016	Abby	Public	7	2	N/A	N/A

City of De Pere - Engineering

925 S. Sixth St. ♦ De Pere, WI 54115 ♦ Ph: 920.339.4061

AC100A	Ashwaubenon Creek (Preserve behind Humana-Hwy 41)	Pond	06/30/2016	Abby	Public	3	7	[SET]	No
AC100A	Hemlock Creek (Preserve behind Humana - Hwy 41)	Pond	06/30/2016	Abby	Public	3	6	[SET]	No
AC100A	Humana Swale - Preserve	Swale/Ravine	06/13/2013	Cory	Public			N/A	Unsure
AC100A	1100 Employers Blvd (Humana)	Pond	07/25/2016	Abby	Private	1	0	N/A	N/A
AC100A	1880 Southbridge Rd	Pond			Private				
AC100B	2077B Lawrence Dr (Honeysuckle)	Pond	06/23/2016	Abby	Public	5	8	[SET]	No
AC100B	Honeysuckle Swale (Rygar Ct.)	Swale/Ravine	06/23/2016	Abby	Public	8	7	07/15/2016	No
AC100D	American Blvd Central (Samantha St)	Pond	06/28/2016	Abby	Public	4	7	[SET]	No
AC100D	American Blvd - Southbridge Rd	Pond	06/28/2016	Abby	Public	3	6	[SET]	No
AC100D	American Blvd Central 2 (Burgoyne Ct)	Pond	06/28/2016	Abby	Public	7	5	[SET]	No
AC100D	2191 American Blvd (Milwood)	Pond	07/25/2016	Abby	Private	5	8	10/15/2016	No
AC100D	Northern connecting ditch (American Blvd)	Swale/Ravine			Public				
AC100D	Central connecting ditch (American Blvd)	Swale/Ravine			Public				
AC100D	Southern connecting ditch (American Blvd)	Swale/Ravine			Public				
AC100E	American Blvd South (Tullig)	Pond	06/28/2016	Abby	Public	5	4	N/A	N/A
AC100E	Tullig Pl Outfall	Swale/Ravine			Public				
AC110A	Payton Ct	Pond	06/27/2016	Abby	Public	4	4	N/A	N/A
AC130A	1951 Snowy Owl Ct [Organics Inc]	Pond	07/25/2016	Abby	Disputed	4	4	N/A	Unsure

City of De Pere - Engineering

925 S. Sixth St. ♦ De Pere, WI 54115 ♦ Ph: 920.339.4061

AC140A	Cross Creek Cir	Pond	06/27/2016	Abby	Public	0	6	N/A	N/A
AC140A	Cross Creek Cir	Swale/Ravine	06/17/2013	Cory	Public			N/A	Unsure
AC150A	Daytona Speedway (Pocono Ct)	Pond	06/27/2016	Abby	Public	3	4	N/A	N/A
AC160A	2221 Southbridge Rd (American 3 Fab) [IN PROGRESS]	FUTURE			Private				
AC160A	Southbridge - Innovation (Foth)	Pond	06/27/2016	Abby	Public	6	4	N/A	N/A
AC180A	Southwest Park South (Diamond)	Pond	06/22/2016	Abby	Public	4	3	N/A	N/A
ER010A	1820-11A Ridgeway Dr (Eau Claire Pl)	Pond	07/26/2016	Abby	Private	6	3	N/A	N/A
ER010A	825 E River Dr + 1901 Ridgeway Dr (Charleston Pointe I)	Pond	07/26/2016	Abby	Private	3	7	10/15/2016	No
ER010A	Baraboo Ct	Swale/Ravine			Public				
ER010A	East River Dr pond connection	Swale/Ravine			Private				
ER015A	Pecatonica Ct (Charleston Pointe II)	Pond	07/26/2016	Abby	Disputed	7	7	10/15/2016	No
ER015A	W Rock River Cr	Swale/Ravine			Public				
ER020A	East River Trail (Black Earth Dr)	Pond	07/06/2016	Abby	Public	3	6	N/A	N/A
ER020A	East River Dr - Rock River Ct	Swale/Ravine			Public				
ER020A	Pecatonica Ct drain	Swale/Ravine			Disputed				
ER030A	East Charles St	Swale/Ravine	06/14/2013	Cory	Public			N/A	Unsure
ER030A	132 Nob Hill Swale [PROPOSED]	FUTURE			Private				
ER030A	Desplaine Rd	Swale/Ravine	06/14/2013	Cory	Public			N/A	Unsure
ER030A	1979 Tyler Ln	Pond	08/08/2016	Abby	Disputed	1	12	10/15/2016	No
ER040A	Jim Martin Park 1st Easement East	Swale/Ravine	06/22/2016	Abby, Austen, Bob	Public	1	4	[SET]	No

City of De Pere - Engineering

925 S. Sixth St. ♦ De Pere, WI 54115 ♦ Ph: 920.339.4061

ER040A	Jim Martin Park	Pond	06/22/2016	Abby, Austen, Bob	Public	6	4	N/A	N/A
ER040A	Shelley Ln [POTENTIAL]	FUTURE			Disputed				
ER040A	Desplaine Rd - Brule	Swale/Ravine			Public				
ER040B	East De Pere High School dry (1700 Chicago)?	Dry Detention			Private				
ER040B	East De Pere High School ditch (1700 Chicago)	Swale/Ravine			Public				
ER050A	Shetland Pl - Saddlebrook Ln (Rotary Park)	Pond	07/06/2016	Abby	Public	5	2	N/A	N/A
ER060A	Painthorse Trail	Pond			Public				
ER080A	1950 Enterprise Dr (CA Lawton)	Pond	08/08/2016	Abby	Private	9	5	N/A	N/A
ER080A	Ledgeview Swan Rd (Jossart Brothers Co.)	Pond	07/07/2016	Abby	Public	6	1	N/A	N/A
ER100A	Millenium Ct	Swale/Ravine			Public				
ER110A	Enterprise Dr (Sit & Stay Pet Resort)	Pond	07/07/2016	Abby	Public	7	3	N/A	N/A
ER120A	Trailside Ln	Pond	07/07/2016	Abby	Public	5	6	[SET]	No
ER130A	Diversity Dr (Susie C Altmayer Elementary)	Pond			Public				
FE010B	1040 N Broadway (Abbey Pond, SNC)	Pond	08/08/2016	Abby	Private	4	3	N/A	N/A
FE020A	1015 N Broadway St	Biofilter			Private				
FE030A	Glenwood Ave (Nicolet) [PLANNED]	FUTURE			Public				
FE080A	310 Franklin St Bioswale - Fox River Trail [PLANNED]	FUTURE			Public				
FE150A	1171 S Atrium Ct	Swale/Ravine	08/08/2016	Abby	Disputed	2	1	N/A	N/A

City of De Pere - Engineering

925 S. Sixth St. ♦ De Pere, WI 54115 ♦ Ph: 920.339.4061

FE190A	Optimist Park [PLANNED]	FUTURE			Public				
FE240B	1200-1281 Pershing Rd (Lake Park Estates)	Pond	08/08/2016	Abby	Private	5	2	N/A	N/A
FE260A	Greenleaf Rd - North of Belmark	Pond	07/06/2016	Abby	Public	6	2	N/A	N/A
FE260B	Greenleaf Rd - Fox River Trail	Pond	07/06/2016	Abby	Public	6	2	N/A	N/A
FE260B	1300 Enterprise Dr (Behind PAI)	Swale/Ravine			Public				
FE275A	600 Heritage Rd (Belmark-Briarwood)	Pond	08/08/2016	Abby	Disputed	3	8	10/15/2016	No
FE275A	600 Heritage Rd (Belmark-Briarwood)	Swale/Ravine	08/08/2016	Abby	Disputed	4	7	10/15/2016	No
FE280A	Oak Water Ct	Swale/Ravine	06/13/2013	Cory	Public			N/A	Unsure
FE280A	Old Plank Ct	Swale/Ravine	06/13/2013	Cory	Public			N/A	Unsure
FE280B	496 Swale/Ravine Rd (New Commerce)	Pond			Public				
FE280B	Rockland Rd	Swale/Ravine			Public				
FE280B	1891 Commerce Dr (Bedford Paper)	Pond	08/08/2016	Abby	Private	4	3	N/A	N/A
FE280C	Greenleaf-Rockland Rd	Pond	07/07/2016	Abby	Public	3	5	N/A	N/A
FW010A	Perkofsky Boat Landing	Pond	07/01/2016	Abby	Public	3	3	N/A	N/A
FW070A	450 College Ave (Joliet Square Apartments)	Swale/Ravine	08/10/2016	Abby	Private	2	2	N/A	N/A
FW070A	West De Pere High School (Dry)	Dry Detention			Private				
FW180A	1300 Lost Dauphin (SNC Baseball, Mel Nicks Field)	Dry Detention	08/18/2016	Abby	Private	3	0	N/A	Yes
FW200A	1600 Lost Daupin (SNC Track, Schneider Athletic)	Pond	08/10/2016	Abby	Private	6	3	N/A	N/A
FW200B	Scheuring Rd - Suburban Dr	Pond	06/30/2016	Abby	Public	2	5	[SET]	No

Attachment: 2016_Storm_Facility_Review (5630 : Consider 2016 Annual WDNR MS4 General Permit*)

City of De Pere - Engineering

925 S. Sixth St. ♦ De Pere, WI 54115 ♦ Ph: 920.339.4061

FW200B	1745 E Matthew Dr (De Pere Cabinet)	Pond	08/10/2016	Abby	Private	6	4	N/A	N/A
FW200C	Double Dry Matthew - Suburban Dr	Dry Detention	06/10/2013	Cory	Public			N/A	Unsure
FW200C	1251 Scheuring Rd (Front Cadre)	Biofilter	08/11/2016	Abby	Private	1	3	N/A	N/A
FW200C	1255 Scheuring Rd (Behind Cadre)	Pond	08/11/2016	Abby	Private	2	10	10/15/2016	No
FW200C	1252 Scheuring Rd (Cadre) East Swale	Swale/Ravine	08/11/2016	Abby	Private	6	11	10/15/2016	No
FW200C	East Railroad Swale (W Matthew Dr)	Swale/Ravine			Private				
FW200D	1997 Venture Ave (WI Lift Truck Co. - West)	Pond	08/10/2016	Abby	Disputed	5	7	10/15/2016	No
FW200D	1997 Venture Ave [WI Lift Truck Co. Warehouse (East)]	Pond	08/10/2016	Abby	Disputed	2	8	10/15/2016	No
FW200D	1998 Venture Ave	Pond	08/10/2016	Abby	Disputed	2	4	N/A	N/A
FW200D	1999 Venture Ave drainage (to GB Packaging)	Swale/Ravine	08/10/2016	Abby	Private	3	2	N/A	N/A
FW200E	Terry Ln - Mobile Home Park	Swale/Ravine	06/14/2013	Cory	Public			N/A	Unsure
FW280A	Red Maple - Lost Daupin	Swale/Ravine	06/14/2013	Cory	Public			N/A	Unsure
FW280B	500 Fortune Ave (East vertical)	Pond	08/11/2016	Abby	Private	4	5	N/A	N/A
FW280B	500 Fortune Ave (Old Ecofibre)	Swale/Ravine	08/11/2016	Abby	Private	3	1	N/A	N/A
FW280B	Fortune - Venture	FUTURE			Public				
FW290B	Red Maple (River Trail Ct - Kiwanis)	Pond	06/28/2016	Abby	Public	5	6	[SET]	No
FW290B	Hopf Ln	Pond	06/28/2016	Abby	Public	6	2	N/A	N/A
FW290B	Glen Meadows Cir (Kiwanis Park)	Pond	06/11/2013	Cory	Public			N/A	Unsure
FW290C	Dog Park	Pond	06/28/2016	Abby	Public	3	4	N/A	N/A
FW290C	Dog Park West Swale	Swale/Ravine			Public				

City of De Pere - Engineering

925 S. Sixth St. ♦ De Pere, WI 54115 ♦ Ph: 920.339.4061

3.7.c

FW290C	Richco Rd [PLANNED]	FUTURE			Public				
FW290C	Richco Rd Swale	Swale/Ravine			Public				
XA100A	2066 Lawrence Dr (St Mark Lutheran - Large SW pond)	Pond	08/11/2016	Abby	Private	4	2	N/A	N/A
XA100A	2066 Lawrence Dr (St Mark Lutheran - Small N pond)	Pond	08/11/2016	Abby	Private	3	7	10/15/2016	No

City of De Pere Snow Removal / Anti-Icing Quantity Tracking 2015-2016 Snow Season

December 2015		
Description	Unit	Quantity
Salt	Tons	155.0
Pre-wet	Gal	2270.0
90/10 Blended	Gal	0.0
Anti-icing	Gal	5500.0

January 2016		
Description	Unit	Quantity
Salt	Tons	408.5
Pre-wet	Gal	1650.0
90/10 Blended	Gal	2550.0
Anti-icing	Gal	0.0

February 2016		
Description	Unit	Quantity
Salt	Tons	342.0
Pre-wet	Gal	3280.0
90/10 Blended	Gal	0.0
Anti-icing	Gal	0.0

March 2016		
Description	Unit	Quantity
Salt	Tons	244.0
Pre-wet	Gal	2835.0
90/10 Blended	Gal	0.0
Anti-icing	Gal	0.0

April 2016		
Description	Unit	Quantity
Salt	Tons	24.0
Pre-wet	Gal	0.0
90/10 Blended	Gal	0.0
Anti-icing	Gal	0.0



City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 13, 2017

DEPARTMENT: Public Works

FROM: Scott Thoresen

SUBJECT: Consider Leak Detection Survey.*

The City currently is experiencing approximately a 13% water loss per the Public Service Commission report in the system. In order to determine where the water loss is, staff has 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 last leak detection survey was done in 2015 which found 17 leaks for an estimated loss of 49 gallons per minute. Estimated annual savings once leaks were repaired was \$107,653.39.

During our planning of this project, staff talked to other communities in the area to see if they had any plans for performing a leak detection survey for the upcoming year. It turns out that the Village of Bellevue intended to do the same. Therefore, the City bid this project as a joint project with Bellevue. (See attached proposal) The intent of bidding the projects together were to try to achieve some cost savings for each community.

Staff solicited eight (8) companies for proposals and has received (See attached proposals received) the following quotes for performing the leak detection survey:

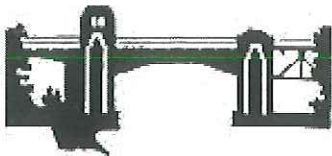
Ferguson Waterworks Services, Appleton, WI	= \$ 25,205.00
Westrum Leak Detection, Stratford, IA	= \$ 32,750.00
Utility Service Associates, Kalispell, MT	= \$ 38,001.00
ME Simpson Company, Waukegan, IL	= \$ 47,709.86
AECOM, Milwaukee, WI	= No Bid
Water Leak Locators, Platteville, WI	= No Bid
Water Conservation Services, Inc., Lino Lakes, MN	= No Bid
American Leak Detection, Sussex, WI	= No Bid

After reviewing the proposals, it is recommended that City hire Ferguson Waterworks Services to perform the water leak detection survey in the amount of \$ 25,205.00. Ferguson Waterworks Services has performed leak detection services for the City in the past. The funding for this project was approved under the 2017 water utility budget under capital projects in the amount of \$30,000.

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

ATTACHMENTS:

- 2017 Leak Detection RFP (PDF)
- 2017 Leak Detection Proposal Amounts 03-02-17 (XLSX)
- Ferguson Waterworks Services Proposal 2-22-17 (PDF)



City of De Pere

925 South Sixth Street
DePere, WI 54115-1199
Phone: 920-339-8095
Fax: 920-339-4071
Cell: 920-639-1003

Scott J. Thoresen
Director of Public Works
sthoresen@mail.de-pere.org
www.de-pere.org

February 6, 2017

**RE: Request for Proposals
2017 Leak Detection Survey**

The Village of Bellevue and City of De Pere are requesting a proposal from your firm to perform a comprehensive leak detection survey for the water distribution system in each community. The work under this proposal includes the labor and equipment to undertake the leak detection survey for each community to pinpoint any and all leaks on the water mains, valves, hydrants, service boxes, and services of the distribution system listed for each community under "system description".

Village of Bellevue System Description

Watermain Material Type	Feet
PVC	306,240
Metal & Asbestos	101,376
TOTAL=	407,616

City of De Pere System Description

Watermain Diameter		Watermain Material	
Diameter	Feet	Type	Feet
4" or less	12,519	Asbestos Cement	6,248
6"	156,197	Cast Iron	148,410
8"	209,512	Ductile Iron	143,556
10"	100,350	PVC	332,532
12"	147,659	Unknown	1,785
16"	6,294		
TOTAL=	632,531	TOTAL=	632,531

Scope of Work:

1. Review existing water distribution system maps, street maps, and pertinent water system reports for each community.
2. Contractor shall utilize equipment and methodology to listen and identify potential leaks on Water Utility's distribution system as listed above under "system description". All equipment used will be non-intrusive. The leak detection survey shall include the water main, valves, hydrants, services, and curb boxes. Contact shall be made with pipe appurtenances at intervals no greater than 350 feet where contact points are available and accessible. All hydrants and main line valves shall be listened to. On all PVC water mains, all water services shall be listened including 100% of the curb boxes including those on the PVC portion of the distribution system.
3. Contractor is responsible to provide all equipment, manpower, materials, and transportation required to conduct accurate leak detection survey.
4. The Contractor shall conduct the leak detection survey with limited disruption to the current operation of the Water Utility's water distribution system. The Contractor shall coordinate the survey with the Water Utility. The Water Utility staff shall operate all valves, hydrants, and curb stops.
5. The Contractor shall conduct the leak detection survey with minimal disruption to traffic. The Contractor personnel shall comply with all traffic regulations and Manual of Uniform Traffic Control Device requirements for working within the street.
6. With prior approval, the Contractor is permitted to perform the leak detection survey during weekends and abnormal working hours, to avoid heavy traffic and/or noise. Note that the Water Utility is only available to provide guidance and answer questions during normal working hours of Monday-Friday, 7am-3pm.
7. When a leak is suspected on a water service, the Water Utility shall turn off the water at the curb stop box and the contractor shall listen to determine if the leak is on the homeowner's side of the curb box.
8. Contractor shall prepare an inventory of defective system components such as valves, hydrants, meters, and curb stops, which are noted in the course of field investigation and activities. Contractor shall also note any map errors in the course of carrying out the leak detection survey.
9. The contractor shall prepare a final report showing the results of the leak detection and location survey. The report shall include a summary of the project and a list of leakage located by type, location, and estimated quantity of leakage. The final report will contain recommendations for future work based on the results of this survey.
10. The proposal should reflect the necessary effort to perform the above-mentioned work and any additional efforts the firm feels are necessary to complete the project.

Payment:

Payment shall be made when the following conditions have been met:

- 1) The Water Utility has received the final report showing the results of the leak detection survey.
- 2) A detailed invoice is submitted to Water Utility for the work has been completed.

Schedule:

It is intended that the entire water distribution system be surveyed in one mobilization for each Water Utility. The survey for each Water Utility shall be completed by September 15, 2017.

Indemnification:

To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify, and hold harmless the Water Utility of each municipality, its officials, agents and employees against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, cost and expenses, which may in any way accrue against the Water Utility of each municipality, its officials, agents, employees and volunteers arising in whole or in part or in consequence of the performance of this work by the Contractor, its employees, or subcontractors, or which may in any way result therefore, except that arising out of the sole legal cause of the Water Utility of each municipality, its officials, agents, or employees, the Contractor shall, at its own expense appear, defend, and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connection therewith, and, if any judgment shall be rendered against the municipality, its officials, agents, and employees, in any such action, the Contractor shall, at its own expense, satisfy and discharge the same. Contractor expressly understands and agrees that any performance bond or insurance protection required by the contract, or otherwise provided by contractor, shall in no way limit the responsibility to indemnify, keep and save harmless, and defend the Water Utility of each municipality as herein provided.

Insurance Requirements:

The firm shall be required to provide the following minimum public liability and property damage insurance to cover claims for injuries, including accidental death, as well as from claims for property damages which may arise from the performance of work as stated below:

1. Comprehensive general liability insurance, including personal injury liability, blanket contractual liability and broad form property damage liability. The combined single limit for bodily injury and property damage shall not be less than \$1,000,000; with additional umbrella liability insurance coverage to a total of not less than \$2,000,000.

2. Automobile bodily injury and property damage liability insurance covering owned, non-owned, rented and hired cars. The combined single limit for bodily injury and property damage shall be not less than \$1,000,000.
3. Statutory workers compensation and employers' liability insurance as required by the state having jurisdiction.
4. Professional liability insurance covering damages resulting from errors and omissions of the Consultant. The limit of liability shall be \$1,000,000 or the total engineers and/or surveyor's fee on the project, whichever is greater.

Additional Information:

- Sample consultant agreement is attached

All proposals should include the following information:

- 1) Description of Methodology: The proposals must include a brief description of the methodology proposed to perform the leak detection survey. The description should include a description of the technology and equipment to be used to detect the leak (acoustic, ultrasonic, tracer, etc.) and the means to estimate leak volume. Include any innovative methods and their benefit to the project.
- 2) References: The proposals shall include the Contractor's experience. At a minimum, three (3) similar projects shall be included as references.
- 3) Cost: Firm shall submit prices on proposal sheets for each community provided with this proposal to complete all work mentioned above.
- 4) Schedule: Firm shall submit the number of days to complete the survey and the anticipated start date on proposal sheet for each community provide with this proposal to complete all work mentioned above.

Sealed proposals marked "2017 Leak Detection Survey" on envelope is to be delivered or mailed to:

Scott J. Thoresen P.E.,
 Director of Public Works
 City of De Pere
 925 South Sixth Street
 De Pere, WI 54115

All proposals shall be received no later than 2 p.m. Central Standard Time on March 2, 2017.

The Village of Bellevue and City of De Pere reserves the right to reject any or all proposals, to waive any informality in bidding and to accept any proposal which the respective City Council or Village Boards deems most favorable to the best interest of their community;

If you have any questions regarding Village of Bellevue's water distribution system or leak detection survey please call Bill Balke at (920) 593-5507.

If you have any questions regarding City of De Pere's water distribution system, leak detection survey, or this proposal, please call Scott Thoresen at (920) 339-8095.

Questions may also be emailed to sthoresen@mail.de-pere.org.

Sincerely,

DEPARTMENT OF PUBLIC WORKS

Scott Thoresen, P.E.
Director of Public Works

Village of Bellevue Water Utility 2017 Leak Detection Survey Proposal

The following proposal is submitted to: Village of Bellevue Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform a water distribution leak detection survey

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Village of Bellevue to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Village of Bellevue's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the Village of Bellevue's requirements and that the prices for the leak detection survey to meet said requirements are as follows:

Lump Sum Price for Leak Detection Survey: \$ _____

Name of Firm

Address of Firm

Telephone Number

Fax Number

Email Address

The undersigned bidder, being duly sworn, does depose and say that he is an authorized representative of: _____ and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has

checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Signature of Bidder

Date

Print or Type Name of Bidder

Title

Estimated Start Date: _____

Estimated Work Days to Complete: _____

City of De Pere Water Utility
2017 Leak Detection Survey Proposal

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform a water distribution leak detection survey

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere’s requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere’s requirements and that the prices for the leak detection survey to meet said requirements are as follows:

Lump Sum Price for Leak Detection Survey: \$ _____

Name of Firm

Address of Firm

Telephone Number

Fax Number

Email Address

The undersigned bidder, being duly sworn, does depose and say that he is an authorized representative of: _____ and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has

checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Signature of Bidder

Date

Print or Type Name of Bidder

Title

Estimated Start Date: _____

Estimated Work Days to Complete: _____

**AGREEMENT FOR SERVICES BETWEEN THE
CITY OF DE PERE AND (CONSULTANT NAME)
(Project Name)**

THIS AGREEMENT, made and entered into this ____ day of _____, 2016,
by and between the City of De Pere, Wisconsin, ("City"), and _____
_____("Consultant").

WITNESSETH

WHEREAS, the City is in need of _____ (project description)
_____; and

WHEREAS, the Consultant has available and offers to provide personnel and facilities
necessary to accomplish the work within the required time.

NOW THEREFORE, City and Consultant agree as follows:

I. DESCRIPTION OF PROJECT

The project is as described in the ____ (date) ____ City Request for Proposals (Exhibit A) and
Consultants Proposal thereto dated ____ (date) ____ (Exhibit B), both of which are attached hereto and
incorporated by reference. If a conflict exists between Exhibit A and Exhibit B, the terms of
Exhibit A shall prevail. If there is a conflict between the terms and conditions of Exhibit A and
this Agreement, the terms of this Agreement shall prevail.

If, during the course of performing the work, City and Consultant agree that it is
necessary to make changes in the project as described in the exhibits, such changes will be
incorporated into this Agreement only by written amendment, signed by the parties.

II. SCOPE OF CONSULTING SERVICES

Consultant agrees to perform those services described Exhibits A and B. Any change to
the scope of services as identified therein shall be defined in writing and authorized by both
parties prior to performing such work. Such writing shall include the scope of work to be done,
schedule for commencing and completing the work and the basis for compensation for such
work.

III. SCOPE OF CITY SERVICES

City agrees to provide the Consultant items such as existing plans, standard
specifications, and other information concerning the project that may be applicable in the
design of the project, as are available.

IV. AUTHORIZATION, PROGRESS, AND COMPLETION

In signing this Agreement, the City grants the Consultant specific authorization to proceed with the work described herein.

For special services, the authorization by the City shall be in writing and shall include the definition of the work to be done, the schedule for commencing and completing the work, and the basis for compensation for the work, all as agreed upon by the City and the Consultant.

V. OWNERSHIP AND FORM OF DOCUMENTS

All documents created, maintained or received during the course of this Agreement, including those in electronic form, shall be deemed the property of City and Consultant shall not be considered the owner of any such document nor shall the Consultant retain any common law, statutory, or other right therein, including copyright, patent, or trademark. To that end, Consultant agrees to and hereby does assign and transfer to City all rights, title, and other interests in such drawings, specifications, or other documents, which rights shall including copyright, trademark, or patent rights therein, unless City fails to pay Consultant for such drawings specifications and other documents, in which case the ownership and all rights shall revert to the Consultant.

City hereby grants Consultant a non-exclusive license to use the documents created pursuant to this Agreement, including any standard details used herein.

Consultant acknowledges that, as the Consultant to City, a Wisconsin municipality, Wis. Stats. §19.36(3) applies to it and records produced by it pursuant to this contract are subject to the public records law to the extent they would otherwise be if maintained by the City. Consultant agrees that, within 10 business days of a written request of City, it shall forward to City any such contract or records maintained by Consultant as are requested by City. Such records shall be in the format requested by City provided that such records are kept and maintained in that format. City shall reimburse Consultant for its reasonable costs incurred in complying with this paragraph.

Consultant further agrees to indemnify the City from all costs City incurs should Consultant fail to comply with these requirements.

VI. CONFIDENTIALITY OF INFORMATION

Consultant understands that, during the course of work under this contract, Consultant may become privy to confidential information of City. Consultant shall maintain the confidentiality of all information specifically designated confidential by City unless withholding such information would violate the law, create a significant harm to the public, or risk of significant harm to the public.

VII. TIME FOR COMPLETION

The parties hereto agree that time is of the essence in completion of the project. Should Consultant encounter any circumstances, which, in the Consultant's opinion, will delay their response time, Consultant shall so inform the City as soon as the delay in response time is known.

VIII. COMPENSATION

The City agrees to pay, and the Consultant agrees to accept, compensation as identified in Exhibit B, to be paid in a lump sum at the conclusion of the work. Payment to the Consultant is due upon receipt of invoice by the City. If payment is not made within 30 days, interest on the unpaid balance will accrue beginning with the 31st day at the rate of 1.0 percent per month or the maximum interest rate permitted by law, whichever is less. Such interest will become due and payable at the time said overdue payment is made. Compensation for special services shall be as agreed upon by the City and Consultant and set forth in the written authorization for special services.

IX. RESPONSIBILITY OF CONSULTANT

The Consultant is employed to render a professional service only, and any payments made to the Consultant are compensation solely for such services rendered and recommendations made in carrying out the work. The Consultant shall follow the practice of its profession to make findings, opinions, factual presentations, and professional advice and recommendations.

X. NON-DISCRIMINATION

The Consultant agrees that, in performing under this Agreement with the City, it will not discriminate against any employee, applicant for employment or any other person or member of the public on the basis of age, race, creed, color, disability, marital status, sex, national origin, ancestry, arrest record, conviction record, military service, use or non-use of lawful products off the employer's premises during nonworking hours, declining to attend a meeting or to participate in any communication about religious matters or political matters, or any other basis provided under Wis. Stats. §111.321.

XI. INSURANCE

A. The Consultant shall maintain during the life of the Agreement, the following minimum public liability and property damage insurance to cover claims for injuries, including accidental death, as well as from claims for property damages which may arise from the performance of work under the Agreement as stated below:

1. Comprehensive general liability insurance, including personal injury liability, blanket contractual liability and broad form property damage liability. The combined single limit for bodily injury and property damage shall not be less than

\$1,000,000; with additional umbrella liability insurance coverage for a total of not less than \$2,000,000.

2. Automobile bodily injury and property damage liability insurance covering owned, nonowned, rented and hired cars. The combined single limit for bodily injury and property damage shall be not less than \$600,000.
3. Statutory workers compensation and employers' liability insurance as required by the state having jurisdiction.
4. Professional liability insurance covering damages resulting from errors and omissions of the Consultant. The limit of liability shall be \$1,000,000 or the total consultant's fee on the project, whichever is greater.

B. Proof of Insurance. The Consultant shall furnish the City with a Certificate of Insurance and additional insured endorsement countersigned by a Wisconsin Resident Agent or Authorized Representative of the insurer indicating that the Consultant meets the insurance requirements identified above. The Certificate of Insurance shall include a provision prohibiting cancellation of said policies except upon 30 days' prior written notice to the City and shall name the City as an additional insured under Consultant's general and professional liability policies for the specific contract or project covered. A copy of the Certificate of Insurance and endorsement shall be delivered to the City prior to execution of the agreement for final approval.

XII. ALLOCATION OF RISKS

To the fullest extent permitted by law, the Consultant shall indemnify and hold harmless the City, City's officers, directors, partners, and employees from and against any and all costs, losses, and damages (including, but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) caused by the negligent acts or omissions of Consultant or Consultant's officers, directors, partners, employees, and Consultant's Consultants in the performance and furnishing of Consultant's services under this Agreement.

To the fullest extent permitted by law, Consultant's total liability to City and anyone claiming by, through, or under City for any cost, loss or damages caused in part by the negligence of Consultant or Consultant's subcontractor and in part by the negligence of City or any other negligent entity or individual, shall not exceed the percentage share that Consultant's or Consultant's subcontractor negligence bears to the total negligence of City, Consultant and all other negligent entities and individuals.

XIII. SUBCONTRACTS

The Consultant shall obtain the written consent of the City prior to subcontracting any portion of the work to be performed under this project. The Consultant shall be responsible to the City for the actions of person and firms performing subcontract work.

XIV. ASSIGNMENT

This Agreement is binding on the heirs, successors, and assigns of the parties hereto. This Agreement is not to be assigned by either the City or Consultant without the prior written consent of the other.

XV. INTEGRATION

This Agreement represents the entire understanding of the City and Consultant as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered hereunder. This Agreement may not be modified or altered except in writing signed by both parties.

XVI. JURISDICTION

This Agreement shall be administered and interpreted under the laws of the State of Wisconsin. Jurisdiction of litigation arising from this Agreement shall be in that state. If any part of this Agreement is found to be in conflict with applicable laws, such part shall be inoperative, null and void insofar as it is in conflict with said laws, but the remainder of this Agreement shall be in full force and effect.

XVII. SUSPENSION OF WORK

The City may suspend, in writing, all or a portion of the work under this Agreement in the event unforeseen circumstances beyond the control of the Contractor make normal progress in the performance of the work impossible. The Consultant may request that the work be suspended by notifying the City, in writing, of circumstances which are interfering with normal progress of the work. If agreed, the time for completion of the work shall be extended by the number of days the work is suspended by Contractor through no fault of Contractor. In the event that the period of suspension exceeds 90 days, the terms of this Agreement are subject to renegotiation and both parties are granted the option to terminate work on the suspended portion of the project in accordance with Article XVIII.

XVIII. TERMINATION OF WORK

The City may terminate all or a portion of the work covered by this Agreement for its convenience. Either the City or the Consultant may terminate work in the event the other party fails to perform in accordance with the provisions of this Agreement. Termination of this Agreement is accomplished by 15 days prior written notice from the party initiating termination to the other. Notice of termination shall be delivered by certified mail with receipt for delivery returned to the sender.

In the event of termination, the Consultant shall perform such additional work as is necessary for the orderly filing of documents and closing of the project. The additional time for filing and closing shall not exceed 10 percent of the total time expended on the completed portion of the project prior to the effective date of termination.

The Consultant shall be compensated for the completed portion of the work on the basis of work actually performed prior to the effective date of termination plus the work required for filing and closing.

XIX. MEDIATION

All claims, disputes and other matters in question between the parties of this Agreement arising out of or relating to this Agreement or breach thereof, which are not disposed of by mutual agreement of the parties, shall be subject to mediation as a condition precedent to the institution of legal proceedings by either party. If such claim, dispute or other matter involves a lien arising out of the Consultant's services, the Consultant may proceed in accordance with applicable law to comply with lien notice and filing deadlines prior to resolution of the matter by mediation.

The City and Consultant shall attempt to resolve claims, disputes and other matters in question between them by mediation. A request for mediation shall be filed in writing with the other party to this Agreement. The request may be made concurrently with the filing of a civil action, but mediation shall proceed in advance of legal proceedings.

The parties shall share the mediator's and any filing fees equally. The mediation shall be held in the place where the Project is located, unless another location is mutually agreed upon. Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.

XX. NOTICES

Any notification required or needed under the contract shall be sent via First Class Mail to the following:

If to City:

If to Consultant:

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year first above written.

(COMPANY NAME)

CITY OF DE PERE, WISCONSIN

By: _____
Name: _____

By: _____
Michael J. Walsh, Mayor

By: _____
Name: _____

By: _____
Shana D. Ledvina, Clerk-Treasurer

H:\jdupont\Agreements\2016\Consultant Agreement Template revised 2-22-16.docx

SAMPLE

Leak Detection Proposals March 2, 2017

Company Name	Community	LS
Ferguson Waterworks Services		
	Village of Bellevue	\$18,500.00
	City of De Pere	\$25,205.00
Westrum Leak Detection		
	Village of Bellevue	\$21,450.00
	City of De Pere	\$32,750.00
Utility Service Associates		
	Village of Bellevue	\$29,220.00
	City of De Pere	\$38,001.00
ME Simpson Company		
	Village of Bellevue	\$35,285.18
	City of De Pere	\$47,709.86
AECOM		
	Village of Bellevue	No Bid
	City of De Pere	No Bid
Water Leak Locators		
	Village of Bellevue	No Bid
	City of De Pere	No Bid
Water Conservation Services, Inc.		
	Village of Bellevue	No Bid
	City of De Pere	No Bid
American Leak Detection		
	Village of Bellevue	No Bid
	City of De Pere	No Bid

Attachment: 2017 Leak Detection Proposal Amounts 03-02-17 (5627 : Leak Detection Survey*)



Leak Detection Survey Proposal

Depere & Bellevue, WI

2/22/17

A. Scope

Services to be provided for the project are as follows:

1. Conduct a leak detection and location survey with **sonic detection equipment, noise data loggers and computer correlation equipment** on the entire water distribution system. The survey will be conducted utilizing the following two methods:
 - a. For metal water mains. Physical contact will be made with the system at exposed valves and fire hydrants and Services. **All marked and accessible contact points.**
 - b. For plastic and AC water mains. Physical contact will be made with the system at exposed valves, the top curb stop boxes, and fire hydrants. **All marked and accessible contact points.**
2. After the initial sonic leak survey of a portion of the system is completed, indications of leaks will be verified a second time, after which leaks will be located with a computer programmed leak correlator and noise data loggers
3. This survey will be conducted primarily during normal working hours with additional leak detection being conducted during late evening and/or early morning hours in areas of high traffic volume.

Leak Survey – Depere & Bellevue WI
Davies Services
Page 2

4. A daily report of any leaks will be provided. Hydrant leaks will need to be fixed in a timely manner so areas may be rechecked for underlying leaks.
5. Prepare a final report with the results of our findings. The final report will contain recommendations for future work based on the results of this survey. An estimated water loss will be given this will be based on experience, type of leak and pressure of main.
Note. GPM is an estimate only.

B. Client's Responsibilities Apply for all Scopes of work.

Client, at its expense, shall provide Davies Services the following information and assistance in a timely manner so as not to delay the project.

1. All available street maps, water distribution system maps, available plans of existing facilities, and similar information which may be required for the project.
2. Clearly mark and provide access to valves and curb stops by uncovering and cleaning valves and curb boxes where required prior to initiation of field activities.

Best regards,

John Paalman
Division Manager

DAVIES WATER

A division of



7-24- 2016

CUSTOMER REFERENCES

Mark Nollenburg	Waupaca Water	715-258-4423
Bill Caberly	Nekoosa Water	715-459-1857
Eric Zagyrlicke	Depere Water	920-574-1443
Travis Thull	West Bend	262-483-4186
Vance Henning	Brandon Water Utilities	920-960-9727
Todd Prahl	Grand Chute Water	920- 419-2531

More references available upon request.

Total systems wide surveys done in the past two years.

West Bend WI

Depere WI

Mosinee WI

Nekoosa WI

Jefferson WI

Waupaca WI

More references available upon request.

Sincerely,

John Paalman
Davies Services

City of De Pere Water Utility 2017 Leak Detection Survey Proposal

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform a water distribution leak detection survey

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere's requirements and that the prices for the leak detection survey to meet said requirements are as follows:

Lump Sum Price for Leak Detection Survey: \$ 25,205.00

Davies Services / Ferguson
Name of Firm

5350 N Richmond ST Appleton WI
Address of Firm

920-740-3131
Telephone Number

920-731-2305
Fax Number

John.Paalman@ferguson.com
Email Address

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: Davies Services and that
the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has

checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

John Paalman
Signature of Bidder

2-21-17
Date

John Paalman
Print or Type Name of Bidder

Services Manager
Title

Estimated Start Date: Mid June-July

Estimated Work Days to Complete: 30-35

Village of Bellevue Water Utility 2017 Leak Detection Survey Proposal

The following proposal is submitted to: Village of Bellevue Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform a water distribution leak detection survey

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Village of Bellevue to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Village of Bellevue's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the Village of Bellevue's requirements and that the prices for the leak detection survey to meet said requirements are as follows:

Lump Sum Price for Leak Detection Survey:

\$ 18,500.00

Davies Services / Ferguson
Name of Firm

5350 N Richmond st Appleton w.
Address of Firm

920-240-3131
Telephone Number

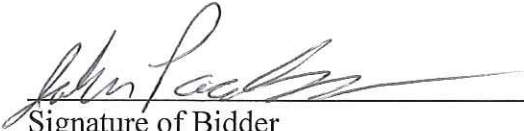
920-731-2305
Fax Number

John.Paalman@ferguson.com
Email Address

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: Davies Services and that
the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has

checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.


Signature of Bidder

2-21-17
Date

John Paalman
Print or Type Name of Bidder

Services Manager
Title

Estimated Start Date: June-July

Estimated Work Days to Complete: 25-30