

Meeting

Brown Deer Water Commission
Wednesday, March 11, 2015
Village Hall, Room 101 **5:00 P.M.**



PLEASE TAKE NOTICE that a meeting of the Brown Deer Water Commission will be held at the Village Hall of the Village of Brown Deer, 4800 West Green Brook Drive, Brown Deer, Wisconsin at which time and place the following items of business will be discussed and possibly acted upon:

- I. Roll Call
- II. Persons Desiring To Be Heard
- III. Consideration of minutes:
 - A) Ratify December 18, 2014 Minutes
- IV. Old Business
 - A) None
- V. New Business
 - A) Review construction bids for 2015 water main relay project and recommend approval to Village Board
- VI. Staff Report
 - A) 2014 Milwaukee Rate Case Follow-up
 - B) Winter Operations
 - C) Meters replacement update
- VII. Treasurer's Report
 - A) Ratify Vouchers for December, 2014 through February, 2015
 - B) Review Balance Sheet and Income Statements
- VIII. Adjournment

Jill Kenda-Lubetski, Village Clerk
March 9, 2015

PERSONS REQUIRING SPECIAL ACCOMMODATIONS FOR ATTENDANCE AT THE MEETING SHOULD CONTACT THE VILLAGE CLERK AT LEAST ONE BUSINESS DAY PRIOR TO THE MEETING.

**MINUTES OF THE MEETING OF THE BROWN DEER WATER UTILITY
HELD AT THE BROWN DEER VILLAGE HALL- 4800 WEST GREEN BROOK DRIVE**

The meeting was called to order at 5:00 p.m.

<u>I.</u>	<u>Roll Call</u>	<u>Present</u>	<u>Absent</u>
	Tim Schilz, President	X	
	Erin Schmitz, Secretary	X	
	Ken Harmon	X	
	Gerald Anderson	X	
	Zach Beanland	X	
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Also Present:

Michael Hall, Village Manager
Mike Rau, Water Utility Manager
Tom Nennig, Utility Engineer

II. **Persons Desiring To Be Heard**

None

III. **Consideration of Minutes:**

A) November 18, 2014 Meeting

*Commissioner Beanland moved to ratify the minutes from the November 18, 2014 meeting as previously distributed. Commissioner Anderson seconded the motion. **Motion passed.***

IV. **Old Business:**

A) 2015 Water Budget – Public Hearing

Commissioner Schilz opened the public hearing portion of the 2014 Water Budget for public comment. There was no public comment.
*Commissioner Beanland moved to close the public hearing. Commissioner Harmon seconded the motion. **Motion passed and public hearing was closed.***

Having no public comment on 2015 Utility Budget, *Commissioner Schmitz motioned for approval of 2015 Water Budget. Commissioner Anderson seconded the motion. **Motion passed.***

V. **NEW BUSINESS: None**

VI. **STAFF REPORT: None**

VII. **TREASURER’S REPORT**

A) Ratify Vouchers for December, 2014

Thursday December 18, 2014

Approval of December 2014 vouchers was not on the Agenda for the Commission meeting. Commissioners did discuss the vouchers for December and requested the December voucher be amended prior to final approval at next commission meeting.

VIII.

ADJOURNMENT

Motion: *Commissioner Beanland moved to adjourn meeting, and Commissioner Anderson seconded to adjourn the meeting 5:20 p.m. **Motion Passed.***



Mike Rau, Water Superintendent



MEMORANDUM

To: Water Commissioners: Schilz, Schmitz, Harmon, Anderson, and Beanland

Cc: Matthew Hall, Village Manager

From: Mike Rau, Manager
Tom Nennig, Superintendent

Subject: Background Information for March 5, 2015 Water Commission Meeting

Date: March 3, 2015

The following discussion is intended to provide you background information for the March 5, 2015 Water Commission meeting.

Please feel free to contact me if you have any questions. (Office, 414-371-3081, on Monday, Wednesday or Friday mornings or cell phone, 414-559-8739, anytime). Tom's cell phone is 414-559-6883.

New Business:

2015 Relay Project

On Thursday February 26, 2015, public bids were opened for 2015 water main relay. Relay is planned for 60th Street, between W. Fairy Chasm Rd. and County Line Rd. The relay will be completed in conjunction with the Village reconstruction project of 60th St. and included replacement of all water service, and sanitary sewer laterals.

Bidding documents were prepared and administered by Matthew Maederer, PE. Village Engineer, and Tom Nennig. We received 6 bids. The low bid is from MJ Construction for \$527,183.00. The water portion of the bid is for \$399,458 which is 11% higher than the Engineer's estimated amount of \$354,500. The recent increase in underground work in the greater Milwaukee area has caused an increase in construction costs.

Although the construction cost is higher than estimated, the Utility has over \$779,000 (\$312,000 from borrowing, and \$467,000 in the construction reserve fund) available for construction projects for 2105 and 2016. The estimated amount for the 2016 relay projects (51st and 52nd streets) is \$372,000 according to the Utility Capital Improvement Plan. After the 2015 project we would still have over \$379,500 available for 2016 relay project.

A copy of the bid tabulation is attached. The Public Works/Finance Committee will review these bids on March 4, 2015 for approval of the sanitary sewer portion of the project. The Village Board is scheduled to take this up on March 16, 2015.

Manager's Recommendation: Accept the low bid of \$399,458 from MJ Construction, to cover the Water Utility's portion of the contract, and recommend this bid for approval by the Village Board.

Staff Report:

2014 Milwaukee Rate Case Update

As part of the 2014 Milwaukee Rate Case decision, PSC ordered Milwaukee to meet with Wholesale Customers and perform a better demand study than they did for the previous case. Milwaukee submitted a letter to PSC with an approach for a demand study but did not meet with Wholesale Customers. Lawrie Kobza from the Boardman Law Firm submitted a letter to PSC indicating that Milwaukee had not met with Wholesale Customers and we would like to know more about their approach to a demand study. We are still waiting for the PSC response.

Winter Operations:

To date, we have experienced nine (9) water main breaks in the Village for 2015. During the first 2 months of 2014 when it was the coldest weather in quite some time, we experienced fourteen (14) water main breaks.

We identified two (2) foreclosed homes, and one (1) business in the Village that had a leak on the interior plumbing. Both of the foreclosed homes had the water shut off, and the bank notified of the situation. The foreclosed homes used a total of over 600,000 gallons of water in the first quarter of 2015.

Field crews began work on the water main modifications at the Lighthouse development, and have assisted We Energies on the relocation of gas main in the 60th St. project corridor. Field crews also continue to work with contractors at the Bradley Crossing 2 development, and the Goodwill development to install new water meters and turn on water service to each development.



BID TABULATION

PROJECT: 2015 N. 60th Street Water Main Relay & Sanitary Sewer Lateral Replacement Project (W. Fairy Chasm Road to W. County Line Road) Village of Brown Deer Dept. of Public Works				MJ Construction, Inc.		American Sewer Services, Inc.		Heartland Construction, Inc.		Mid City Plumbing & Heating, Inc.		Globe Contractors, Inc.		Willkomm Excavating & Grading, Inc.	
BID DEADLINE: February 26, 2015 10:00 AM															
DESCRIPTION		UNITS	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
BASE BID															
Water Main															
1	Relay approximately 2,600 l.f. of 12" cast iron watermain with new 12" PVC watermain, open cut construction, complete as specified.	LF	2,600	\$83.00	\$215,800.00	\$89.00	\$231,400.00	\$110.00	\$286,000.00	\$98.00	\$254,800.00	\$110.00	\$286,000.00	\$114.00	\$296,400.00
2	Relay approximately 200 l.f. of 8" cast iron watermain with new 8" PVC watermain, open cut construction, complete as specified.	LF	200	\$115.00	\$23,000.00	\$179.00	\$35,800.00	\$125.00	\$25,000.00	\$85.00	\$17,000.00	\$135.00	\$27,000.00	\$137.00	\$27,400.00
3	Furnish and install four (4) each new hydrants, including anchor tees and 6" resilient wedge, non-rising stem valves, 6" inch diameter PVC hydrant branch leads, valve boxes, covers and gate valve adapters and abandoning the existing hydrants, complete as specified.	EA	4	\$5,000.00	\$20,000.00	\$6,000.00	\$24,000.00	\$6,900.00	\$27,600.00	\$6,500.00	\$26,000.00	\$6,000.00	\$24,000.00	\$8,788.00	\$35,152.00
4	Furnish and install six (6) each new 12" resilient wedge, non-rising stem main valves, complete as specified.	EA	6	\$3,100.00	\$18,600.00	\$2,900.00	\$17,400.00	\$2,700.00	\$16,200.00	\$2,950.00	\$17,700.00	\$3,000.00	\$18,000.00	\$2,971.00	\$17,826.00
5	Furnish and install two (2) each new 8" resilient wedge, non-rising stem main valves, complete as specified.	EA	2	\$2,000.00	\$4,000.00	\$1,850.00	\$3,700.00	\$1,550.00	\$3,100.00	\$1,450.00	\$2,900.00	\$1,750.00	\$3,500.00	\$1,780.00	\$3,560.00
6	Furnish and install one (1) new PVC water service (approximately 40 l.f. total) from the new watermain to the lot line, including a 12"x12"x4" anchor tee and a 4" tap, a 4" resilient wedge, non-rising stem valve, a 4" inch diameter PVC water service pipe, two (2) 4" - 45° bends to connect to the existing branch lead, a valve box and cover as specified.	EA	1	\$138.00	\$138.00	\$7,500.00	\$7,500.00	\$4,200.00	\$4,200.00	\$6,900.00	\$6,900.00	\$4,500.00	\$4,500.00	\$7,782.00	\$7,782.00
7	Furnish and install thirty seven (37) new water services (approximately 1,760 l.f. total) from the new watermain to the lot line, including furnishing and installing the necessary service saddles and corporation valves, making 1" taps into the new main, furnishing and installing new 1 1/4" HDPE water pipe, furnishing and installing new curb stops and curb stop boxes, furnishing and installing a 9 lb. magnesium sacrificial anode and reconnecting to the existing 3/4" copper water services on the house side of the new curb stop at the lot line, complete as specified.	LF	1,760	\$67.00	\$117,920.00	\$86.00	\$151,360.00	\$62.00	\$109,120.00	\$67.00	\$117,920.00	\$101.00	\$177,760.00	\$111.00	\$195,360.00



BID TABULATION

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BID DEADLINE: February 26, 2015 10:00 AM															
DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	
Sanitary Sewer															
8	Provide bypass pumping as necessary, complete as specified.	LS	1	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$100.00	\$100.00	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$7,800.00	\$7,800.00
9	Furnish and install nine (9) new 8"x8"x6" PVC SDR Wye fittings, furnish and install sanitary sewer lateral pipe (approximately 450 l.f. total) from the existing sanitary sewer main to the lot line, connecting the new 6" PVC sanitary lateral pipe to the new 8"x8"x6" PVC SDR Wye fitting and to the remaining existing sanitary sewer lateral pipe at the lot line with three (3) new FERNCO RC Strong Back couplings (ASTM 1173), complete as specified. (FERNCOS are considered incidental to the pay item of the Wyes).	EA	9	\$3,200.00	\$28,800.00	\$4,780.00	\$43,020.00	\$5,976.00	\$53,784.00	\$7,500.00	\$67,500.00	\$6,000.00	\$54,000.00	\$6,524.00	\$58,716.00
10	Furnish and install nineteen (19) new sanitary sewer 6" PVC SDR lateral pipes (approximately 1,170 l.f. total) from existing 6" truss pipe stubs (approximately one (1') foot from the 8" sanitary sewer main pipe) to the lot line, connecting the new 6" PVC sanitary lateral pipe to the truss pipe stub with one (1) new FERNCO RC Strong Back coupling (ASTM C1173, and connecting the new 6" PVC lateral pipe to the remaining sanitary sewer lateral pipe (either 4" existing or 6" existing) with one (1) new FERNCO RC Strong Back coupling (ASTM C1173), complete as specified. (FERNCOS are considered incidental to the pay item of the lateral pipes).	EA	1,170	\$55.00	\$64,350.00	\$70.00	\$81,900.00	\$89.00	\$104,130.00	\$105.00	\$122,850.00	\$112.00	\$131,040.00	\$105.00	\$122,850.00
11	Complete sanitary sewer lateral inspection via televising after the installation work is complete as specified.	LS	1	\$14,000.00	\$14,000.00	\$12,500.00	\$12,500.00	\$6,976.00	\$6,976.00	\$7,500.00	\$7,500.00	\$12,600.00	\$12,600.00	\$8,200.00	\$8,200.00
12	Furnish and install five (5) new sanitary sewer 6" PVC SDR lateral pipes (approximately 200 l.f. total) from existing sanitary sewer manholes to the lot line, connecting the new 6" PVC sanitary lateral pipe to the existing manholes and the new 6" PVC sanitary sewer lateral pipe at the lot line with one (1) new FERNCO RC Strong Back coupling (ASTM 1173), complete as specified. (FERNCOS are considered incidental to the pay item of the lateral pipes).	LF	200	\$86.00	\$17,200.00	\$107.00	\$21,400.00	\$89.00	\$17,800.00	\$150.00	\$30,000.00	\$105.00	\$21,000.00	\$174.00	\$34,800.00
13	Furnish and install approximately fifteen (15) new rock bag ditch checks in various locations as shown on the Plans. The ditch checks shall be maintained per the planning, design, and maintenance provisions of Chapter 3 of the WDNR "Wisconsin Construction Site Best Management Practice Handbook".	EA	15	\$125.00	\$1,875.00	\$150.00	\$2,250.00	\$50.00	\$750.00	\$200.00	\$3,000.00	\$100.00	\$1,500.00	\$160.00	\$2,400.00
Total Water Main Items No. 1 thru 7					\$399,458.00		\$471,160.00		\$471,220.00		\$443,220.00		\$540,760.00		\$583,480.00
Total Sanitary Sewer Items No. 8 thru 13					\$127,725.00		\$161,570.00		\$183,540.00		\$232,350.00		\$223,140.00		\$234,766.00
Total Base Bid Amount Items No. 1 thru 13					\$527,183.00		\$632,730.00		\$654,760.00		\$675,570.00		\$763,900.00		\$818,246.00

Brown Deer Water Public Utility
MONTHLY VOUCHER REPORT
DECEMBER 2014

VO #	DATE	NAME	DESCRIPTION	AMOUNT
2038	Dec-14	WE Energies	Calumet & Bradley Rd	\$ 303.05
2039	Dec-14	City Water	Superintendent Services	\$ 5,700.00
	Dec-14		Operator Services	\$ 6,900.00
	Dec-14		Fuel	\$ 204.10
2040	Dec-14	Fox Welding	Carbon Dioxide	\$ 21.00
2041	Dec-14	Don Esche	Bookkeeping Services	\$ 775.00
2042	Dec-14	Milwaukee Water Works	November Wholesale Water	\$ 48,307.19
2043	Dec-14	North Shore Water Commission	Water Samples	\$ 300.00
2044	Dec-14	Rodriguez Construction	Asphalt Restoration	\$ 700.00
2045	Dec-14	Short Elliott Hendrickson	Milwaukee Rate Case Consultant Fee	\$ 1,115.42
2046	Dec-14	Traffic & Parking Control Co	Caution Cone Collars & Signs	\$ 86.64
2036	Dec-14	United Mailing Service	Fold, Insert, Mail 813 Delinquent Notices	\$ 452.48
2037	Dec-14	Gene Wagner Plumbing Co	Main Repairs	\$ 2,812.50

\$ 67,677.38

Village Voucher

Credit Cards	M. Rau	No charges	\$ -
	H. Wallenkamp	Station on the Park - Fuel	\$ 274.94
		Kimball Midwest - Diggers Hotline Paint	\$ 579.18
		Reliable True Value - Batteries & Supplies	\$ 70.91
		Preferred Florist - Funeral Flowers - D. Singer Family	\$ 77.95

EXPENDITURES: \$ 68,680.36

Balances 11/30/2014

Restricted funds

2012 Bond Sinking Fund	\$ 11,765.54
2011 Bond Sinking Fund	\$ 12,527.27
2008 Bond Sinking Fund	\$ 11,574.76
2006 Bond Sinking Fund	\$ 17,550.11
Reserve Standpipe Maintenance	\$ 500,000.00
Reserve for Construction	\$ 441,868.94
Reserve for Taxes	\$ 223,900.42
Unspent Bond Proceeds	\$ 315,380.86
	\$ 1,534,567.90

Unrestricted funds

Reserve for other Utility Distributions	\$ 234,308.19
Pool	\$ 27,214.94
	\$ 1,796,091.03

Cash in Bank 11/30/2014

\$ 93,465.78

Total

\$ 1,889,556.81

Brown Deer Water Public Utility
MONTHLY VOUCHER REPORT
JANUARY 2015

VO #	DATE	NAME	DESCRIPTION	AMOUNT
2049	Jan-15	WE Energies	Calumet & Bradley Rd	\$ 596.07
2050	Jan-15	Badger Meter	Meters & Spacer Kit	\$ 1,055.43
2051	Jan-15	Don Esche	Bookkeeping Services	\$ 775.00
2052	Jan-15	Milwaukee Water Works	December Wholesale Water	\$ 62,525.79
2053	Jan-15	Northern Lake Service	Samples	\$ 1,568.00
2054	Jan-15	Sherwin Industries	Hydrant Markers	\$ 780.34
2055	Jan-15	Rodriguez Construction	Asphalt Restoration	\$ 550.00
2056	Jan-15	Gene Wagner Plumbing Co	Main Repairs - December	\$ 3,660.00
2057	Jan-15	L-R Meter Testing & Repair	Meter Tests & Repairs Large Meters	\$ 2,505.71
2058	Jan-15	North Shore Water Commission	Water Samples	\$ 300.00
2059	Jan-15	City Water	Superintendent & Operator Service	\$ 12,750.26
2060	Jan-15	Badger Meter	Spacer Kit	\$ 335.75
2061	Jan-15	Bubricks	Planner Notebook	\$ 17.76
2062	Jan-15	Gene Wagner Plumbing Co	Main Repairs - January	\$ 3,450.00

\$ 90,870.11

Village Voucher

Credit Cards	M. Rau	No charges	\$ -
	H. Wallenkamp	Station on the Park - Fuel	\$ 129.53

EXPENDITURES: \$ 90,999.64

Balances 12/31/2014

Restricted funds

2014 Bond Sinking Fund	\$ 9,120.21
2012 Bond Sinking Fund	\$ 18,978.03
2011 Bond Sinking Fund	\$ 22,072.92
2008 Bond Sinking Fund	\$ 19,721.14
2006 Bond Sinking Fund	\$ 29,586.83
Reserve Standpipe Maintenance	\$ 500,000.00
Reserve for Construction	\$ 467,426.88
Reserve for Taxes	\$ -
Unspent Bond Proceeds	\$ 312,357.10
	\$ 1,379,263.11

Unrestricted funds

Reserve for other Utility Distributions	\$ 235,046.48
Pool	\$ 27,216.87
	\$ 1,641,526.46

Cash in Bank 12/31/2014 \$ 174,846.59

Total \$ 1,816,373.05

Brown Deer Water Public Utility
MONTHLY VOUCHER REPORT
FEBRUARY 2015

VO #	DATE	NAME	DESCRIPTION	AMOUNT
2063	Feb-15	SEH Short Elliott Hendrickson	Milwaukee Rate Case Consultant Fee	\$ 2,600.69
2064	Feb-15	Shoreline Contracting Services	Dumping of Clean Asphalt	\$ 20.00
2065	Feb-15	Tri County Waterworks Assoc	Lunch Meeting - Hank Wallenkamp	\$ 20.00
2066	Feb-15	WE Energies	Calumet & Bradley Rd	\$ 905.53
2067	Feb-15	Badger Meter	Service Agreement	\$ 2,675.04
2068	Feb-15	Badger Meter	3, 1" Meters	\$ 503.72
2069	Feb-15	Dickson	Pressure Charts and Pens	\$ 163.00
2070	Feb-15	Lincoln Contractors Supply	Stake Flags - Blue	\$ 19.18
2071	Feb-15	Milwaukee Water Works	January Wholesale Water	\$ 57,663.59
2072	Feb-15	North Shore Water Commission	Water Samples	\$ 300.00
2073	Feb-15	Wissota Sand & Gravel	3/8" Chips	\$ 241.67
2074	Feb-15	United Mailing Services	Fold, Insert, Mail 3548 Pieces	\$ 335.75
2075	Feb-15	Don Esche	Bookkeeping Services	\$ 775.00
2076	Feb-15	City Water	Superintendent & Operator Service	\$ 12,737.38
2077	Feb-15	Gene Wagner Plumbing Co	Main Repairs	\$ 3,245.00
2078	Feb-15	Hank Wallenkamp	Mileage Reimbursement	\$ 146.63

\$ 82,352.18

Village Voucher

Credit Cards	M. Rau	No charges	\$ -
	H. Wallenkamp	Station on the Park - Fuel	\$ 33.37
		W-Mart on Bradley - Fuel	\$ 63.00
		WWA - Expo - Hank Wallenkamp	\$ 35.00
		Verizon - phone holster	\$ 21.11
		Reliable True Value	\$ 49.99

EXPENDITURES: \$ 82,554.65

Balances 1/31/2015

Restricted funds

2014 Bond Sinking Fund	\$ 9,120.21
2012 Bond Sinking Fund	\$ 18,968.90
2011 Bond Sinking Fund	\$ 22,063.20
2008 Bond Sinking Fund	\$ 19,712.16
2006 Bond Sinking Fund	\$ 29,573.21
Reserve Standpipe Maintenance	\$ 500,000.00
Reserve for Construction	\$ 467,085.93
Reserve for Taxes	\$ (173.78)
Unspent Bond Proceeds	\$ 312,357.00
	\$ 1,378,706.83

Unrestricted funds

Reserve for other Utility Distributions	\$ 234,339.03
Pool	\$ 27,218.98
	\$ 1,640,264.84

Cash in Bank 1/31/2015

\$ (6,944.26)

Total

\$ 1,633,320.58