

WATER/ENVIRONMENTAL COMMITTEE

January 9, 2014

MEMBERS PRESENT

Alderman Dorchinecz
Alderman Walters
Alderman Vota
Alderman Budd

ALSO PRESENT

Superintendent Speagle
Alderman Burtle
Alderman Jones
Treasurer Nation
Robert Ricci
Barry Oller
Alvin Mizeur
Rocky Moore

Mayor Brotherton
Alderman Heberling
Superintendent Jackson
Rev. Kerns
Patty Rykhus
Quinn Broverman
Ted Labelle
Bev Morrison

Chairman Dorchinecz called the meeting to order at 6:00 P.M.

WAIVE FEES FOR COMMUNITY GARDEN

Robert Ricci, a local plumber spoke to the Committee about the need for water at the Community Garden on the Davis Memorial Christian Church property between Franklin and Vandever Streets. He stated that last season was so dry the volunteers had to carry water in jugs and they have no money available to put in a water line. Robert Ricci stated he would donate a hydrant and labor to connect to the outside meter pit and asked if the City could help support the project.

Reverend Kerns and Project Coordinator Patty Rykhus stated the project started April 2013 and has over 400 volunteers or participants. They have donated over 3000 pounds of produce for an estimated value of \$6,000.00. They may eventually expand to other sites.

The City will set the meter pit and install a ¾ inch line and waive the tapping, inspection, excavation and customer activation fees. The church will pay the water bill.

Motion by Alderman Walters and seconded by Alderman Vota to recommend to the City Council to support the Community Garden at Davis Memorial Christian Church by waiving the tapping, inspection, excavation and customer activation fees and running a ¾ inch water line. Motion carried 4-0.

MONTHLY STATUS REPORT

Superintendent Speagle noted that the monthly use reflects Ahlstrom's being down for the Holidays. The 14" master meter at the plant was recalibrated on December 4th; IMCO installed a hydra stop valve on the raw Lake line and Petersburg Plumbing installed a new section of the Lake line for the Spillway Bridge Project on December 30th.

OWANECO WATER RATE

At the November 18, 2013 City Council Meeting, the Village of Owaneco's Water Rate was increased from \$3.73 to \$5.02 per 1,000 gallons. They are under a 60 year contract which allows for review every two years with rates set through a cost of performance calculation. Village President Alvin Mizeur was

present to state that this large rate increase will be a hardship for many village residents. It was noted that the City increased their rate by 23%. In the lengthy discussion regarding all contracts with surrounding towns or communities who purchase City water. Chairman Dorchinecz was directed to talk to the City Attorney about amending the Owaneco Contract.

Motion by Alderman Walters and seconded by Alderman Vota to recommend to the City Council to ask the City Attorney if the Owaneco Water Rate Increase can be delayed for a month until he can review the Owaneco Water Contract. Motion carried 4-0.

ANNEXATION UPDATES

Chairman Dorchinecz informed the Committee that a meeting will be held on January 28th with Ahlstrom's regarding annexation.

A lengthy discussion was held on future annexations with every Alderman voicing differing opinions. It was stated that if an annexation vote is taken at Council you can always vote "No".

Alderman Dorchinecz suggested that we annex one property in the Bertinetti Subdivision to see how that would go. The Mayor is not in favor of doing that and will not sign the document to start such an annexation.

Martin Vota is against annexing any property in the Bertinetti Subdivision. He is against the City taking on any more responsibility for road maintenance, fire protection and police protection.

Chairman Dorchinecz explained what revenue would be generated by annexing a property. He also suggested that we inquire what would be required to "de-annex" those properties in the Bertinetti Subdivision that are in the City to determine if the City would recognize a significant savings.

SUPERINTENDENT'S REPORT

S. Wyandotte Street Water Main Replacement

The S. Wyandotte Street Water Main Replacement is unfunded at this time due to the Spillway Bridge Project.

E.P.A. Engineering Evaluation

The only major item to be corrected is replacing a lake pump and motor. Some very large items are covered under the plant study.

ANY OTHER MATTERS

Water Main Relocation due to West Lake Shore Drive -Spillway Bridge Relocation

Extra work was completed at the bridge site to relocate the existing 14" raw water main. UCM & Petersburg Plumbing are seeking \$11,110.33 in addition to the original \$39,633.00 approved price. Petersburg Plumbing was unable to complete their work because the City could not turn off the valve at the intake, and according to union rules, if the engineer stops work because of unforeseen circumstances the contractor is to be paid for the entire day. UCM was ready to drive piling near the existing water main but was advised not to until after the water main work was completed due to fear of breaking the main. They moved to a different location and had to wait for materials to continue work. UCM is seeking compensation for rental of their pile hammer that was unable to be used between 12/23/13 and

12/30/13 because of interference with the water main work. Greene and Bradford has reviewed all additional charges and recommends payment.

This matter will be placed on the January 21, 2014 City Council Agenda.

Motion by Alderman Vota and seconded by Alderman Walters to adjourn. Motion carried 4-0. Meeting adjourned at 7:45 P.M.

Ernie Dorchinecz, Chairman

WATER/ENVIRONMENTAL COMMITTEE

February 13, 2014

MEMBERS PRESENT

Alderman Dorchinecz
Alderman Walters
Alderman Vota
Alderman Budd

ALSO PRESENT

Superintendent Speagle
Treasurer Nation
Scott & Laura House

Mayor Brotherton
Alderman Heberling
Beverly Morrison

Chairman Dorchinecz called the meeting to order at 7:50 P.M.

ANY OTHER MATTERS

HIGH WATER USAGE BILL-910 HANER

Scott & Laura House who live at 910 Haner are protesting their water bill of \$203.48 which was due December 15th. Treasurer Nation advised an AMR was installed on November 8, 2013; no leaks were detected on December 2nd. She feels the customer was billed correctly. She suggested a possible leak but Mrs. House said there was no leak.

Mr. & Mrs. House stated the bill shows a reading almost double the normal usage and there were no leaks or abnormal usage at that time and the only variable was the recent changing of the water meter. They feel there is a mathematical error in the water department. They paid for an amount they feel was normal and are asking the City to prove that the billing was accurate.

After much discussion it was decided that the Mayor will speak to Superintendent Speagle, Treasurer Nation and Chairman Dorchinecz to try to resolve the matter.

MONTHLY STATUS REPORT

Superintendent Speagle presented the Monthly Status Report showing approximately 120 freeze-ups were handled in January 2014 and 440 shut off notices were mailed on January 3rd resulting in 64 shutoffs on January 14th.

OWANECO WATER RATE

The Owaneco Water Rate Increase was delayed so the City Attorney could review their water contract. Chairman Dorchinecz said that the City Attorney stated the Agreement can be amended if Owaneco and the City agree. The new rate will be put into effect now. Chairman Dorchinecz will speak to Quinn Broverman, Village of Owaneco's attorney.

PURCHASE SNOW PLOW

Superintendent Speagle would like to purchase a snowplow for the Kodiak dump truck. The dump truck has never had a plow, but with the recent snowfalls, he feels it would help to have another vehicle to clear snow. The Street Department provided a hitch from an old truck but he needs to purchase the plow

which will be the same as the other trucks so they can be interchanged. His lowest quote received is \$7,198.00.

Chairman Dorchinecz requested that a motion to allow Superintendent Speagle to purchase a snow plow for the Kodiak Dump Truck for an amount not to exceed \$7,200.00 be placed on the February 18, 2014 City Council Agenda.

PURCHASE WELDER

Superintendent Speagle informed the Committee that the shop welder is undersized for most jobs. He would like to purchase a MillerMatic 252 from ILMO at a cost of \$2,265.49. He stated the Street Department does loan them their welder, but it is difficult to transport and many times unavailable because of their own projects.

Chairman Dorchinecz requested that a motion to allow Superintendent Speagle to purchase a MillerMatic 252 from ILMO at a cost not to exceed \$2,265.49 be placed on the February 18, 2014 City Council Agenda.

KINCAID BOOSTER PUMP MOTOR

One of the motors at the Kincaid booster pump station is in need of repair and Supt. Speagle sent it to be disassembled and inspected. The repair cost estimate was more than the replacement cost, so he will look elsewhere. He would like permission to purchase a new motor at a cost not to exceed \$3,100.00.

Chairman Dorchinecz requested that a motion to allow Superintendent Speagle to purchase a new motor, new mechanical seal, and replacement of all appurtenances for the Kincaid Booster Pump Station at a cost not to exceed \$3,100.00 be placed on the February 18, 2014 City Council Agenda.

WATER SUPERINTENDENT'S REPORT

AMR

The Department is continuing their change out program concentrating on meter wells. There are over 2,249 AMR's in the system currently.

MIB & GEOSMIN

Supt. Speagle has begun sampling for MIB (2-methylisoborneol) and GEOSMIN (1,2,7,7-tetramethyl-2-norborneol).

Motion by Alderman Vota and seconded by Alderman Walters to adjourn. Motion carried 4-0. Meeting adjourned 9:09 P.M.

Ernie Dorchinecz, Chairman

WATER/ENVIRONMENTAL COMMITTEE

March 13, 2014

MEMBERS PRESENT

Alderman Dorchinecz
Alderman Walters
Alderman Vota
Alderman Budd

ALSO PRESENT

Superintendent Speagle
Treasurer Nation
Airport Manager Newberry
Reggie Benton
Chris Groth
Barry Oller
Mike Walter
Mike Durbin

Mayor Brotherton
Alderman Heberling
Alderman Burtle
Jamie Hedden
Marc Poling
Mark Ford
Mark Coady
Bev Morrison

Chairman Dorchinecz called the meeting to order at 6:00 P.M.

MONTHLY STATUS REPORT

Superintendent Speagle presented the Monthly Status Report showing 23% of Lake Taylorville Water was compared to 77% of Well Water, Ahlstrom's usage is up, and 333 Shut Off Notices were mailed resulting in 39 shut offs. He stated we had only three main breaks during the winter and there were 18 freeze-ups or shutoffs for broken pipes for the month.

ENERGY AUDIT APPROVAL

Ameren has an incentive in which they give rebates for more energy efficient lighting. Superintendent Speagle would like to table this until next meeting. He feels a conversion would cost approximately \$5,900.00 with only a \$500.00 rebate. He is considering doing the project piece by piece over time.

WATER RATE INCREASE

The next step for the new water plant is to submit a Facility Plan to EPA. In order to proceed with planning estimates for a new water plant the City must get its revenue stream solidified. In the plan water rate increases will be made gradually over the next four years. Industrial water rates will be discussed further after the Mayor, Chairman Dorchinecz, and Benton & Associates meet with Ahlstrom's to discuss several alternatives.

Reggie Benton and Jamie Headon, with Benton & Associates, prepared a Projected Revenue & Expenses spreadsheet for FY2009/2010 through FY2019/2020 (these are planning estimates only). It was noted that the City went without raising water rates for 20 years, which contributed to the situation we are now in. It was discussed designing a four (4) Million Gallon per Day plant as opposed to a six (6) Million Gallon plant which would save \$200,000.00 per year in loan payments. Superintendent Speagle presented an excellent soliloquy on his spreadsheet that shows the breakdown of the rate increase across the four year span and also shows the effect on an average water charge only.

Jamie Headon stated we will need some rate increases fairly soon to set up financing. The projected amount for design engineering for the next fiscal year is \$700,000.00. Everyones rates will double by the end of four years; we will then be higher than some surrounding communities. Chairman Dorchinecz plans to recommend to the City Council to begin the new water rate increases on May 1st.

Benton & Associates presented a timeline of project activity beginning with a Facility Plan & Pre-Application submittal to IEPA in March 2014 ending with the Complete Construction/Operational of March 2017.

This matter will be placed on the next agenda.

FY2014/2015 WATER DEPARTMENT BUDGET

Motion by Alderman Walters and seconded by Alderman Vota to recommend to the City Council to forward the FY2014/2015 Water Department Budget to the Finance Committee. Motion carried 4-0.

WATER SUPERINTENDENT'S REPORT

Superintendent Speagle informed the Committee that we were very fortunate in having only three main breaks through the winter, as other communities did not fare as well.

Motion by Alderman Walters and seconded by Alderman Budd to adjourn. Motion carried 4-0.
Meeting adjourned at 7:35 P.M.

Ernie Dorchinecz, Chairman

WATER/ENVIRONMENTAL COMMITTEE
April 10, 2014

MEMBERS PRESENT

Alderman Dorchinecz
Alderman Walters
Alderman Vota
Alderman Budd

ALSO PRESENT

Superintendent Speagle
Treasurer Nation
Alderman Burtle
Reggie Benton
Mike Hady
Andy Lasswell

Mayor Brotherton
Alderman Heberling
Alderman Koonce
Jamie Headen
J.C. Olive
Bev Morrison

Chairman Dorchinecz called the meeting to order at 7:36 P.M.

MONTHLY STATUS REPORT

Superintendent Speagle presented the Monthly Status Report showing 24% of Lake Taylorville Water was used compared to 76% of Well Water, Ahlstrom's usage is up, and 389 Shut Off Notices were mailed resulting in 30 shut offs.

WATER RATE INCREASE

Mike Hady, Plant Manager of Ahlstrom, presented a letter in appreciation of the time the City has spent reviewing alternative water supply options for them. They chose to continue receiving filtered finished water (existing water supply) as an "Outside the City Limit-Industrial Rate" customer. They feel that their decision to continue purchasing water from the City serves their needs and reduces the impact of the City's water rate increases across the entire community as a requirement for the new water treatment plant.

Superintendent Speagle presented Appendix H-City of Taylorville-Water System Projected Revenue & Expenses including Steps 1-4 of the 2014-2017 Water Rate Increases.

Motion by Alderman Walters and seconded by Alderman Vota to recommend to the City Council to implement Steps 1-4 of the Water Rate Increases in the process to build a new Water Treatment Plant with each step being as follows:

01/13/2014			Anticipated Total	Anticipated New
WATER RATE SCHEDULE			Revenue Generated	Revenue Generated
CURRENT DECLINING BLOCK RATE	INSIDE	OUTSIDE		
FIRST 400 CUBIC FEET	\$ 15.00	\$ 30.00	\$ 97,470	
NEXT 1600 CUBIC FEET	\$ 3.15	\$ 6.30	\$ 953,022	
OVER 2000 CUBIC FEET	\$ 2.62	\$ 5.24	\$ 669,875	
CURRENT FLAT INDUSTRIAL RATE	\$ 1.91	\$ 1.99	\$ 485,114	
LANGLEYVILLE	\$ 3.99		\$ 50,271	
OWANECO	\$ 5.02		\$ 25,052	
KINCAID	\$ 3.60		\$ 193,025	
			\$ 2,473,829	

1st step increase 5/1/2014

DECLINING BLOCK RATE	INSIDE	OUTSIDE		
FIRST 400 CUBIC FEET	\$ 20.00	\$ 40.00	\$	129,960
NEXT 1600 CUBIC FEET	\$ 3.94	\$ 7.88	\$	1,223,813
OVER 2000 CUBIC FEET	\$ 3.25	\$ 6.50	\$	834,477
FLAT INDUSTRIAL RATE	\$ 1.91	\$ 1.99	\$	505,433
LANGLEYVILLE	\$ 4.34		\$	54,681
OWANECO	\$ 5.02		\$	33,729
KINCAID	\$ 3.60		\$	193,025
TOTAL REVENUE			\$ 2,975,119	\$ 501,289

2nd step increase 5/1/2015

DECLINING BLOCK RATE	INSIDE	OUTSIDE		
FIRST 400 CUBIC FEET	\$ 25.00	\$ 50.00	\$	162,450
NEXT 1600 CUBIC FEET	\$ 4.73	\$ 9.46	\$	1,494,007
OVER 2000 CUBIC FEET	\$ 3.93	\$ 7.86	\$	1,008,639
FLAT INDUSTRIAL RATE	\$ 1.91	\$ 2.10	\$	533,372
LANGLEYVILLE	\$ 4.77		\$	60,099
OWANECO	\$ 5.02		\$	33,729
KINCAID	\$ 3.96		\$	212,328
			\$ 3,504,623	\$ 529,505

3rd step increase 5/1/2016

DECLINING BLOCK RATE	INSIDE	OUTSIDE		
FIRST 400 CUBIC FEET	\$ 30.00	\$ 60.00	\$	194,940
NEXT 1600 CUBIC FEET	\$ 5.52	\$ 11.04	\$	1,764,201
OVER 2000 CUBIC FEET	\$ 4.59	\$ 9.18	\$	1,180,026
FLAT INDUSTRIAL RATE	\$ 1.91	\$ 2.21	\$	561,310
LANGLEYVILLE	\$ 5.25		\$	66,147
OWANECO	\$ 5.02		\$	33,729
KINCAID	\$ 3.96		\$	212,328
			\$ 4,012,680	\$ 508,057

4th step increase 5/1/2017

DECLINING BLOCK RATE	INSIDE	OUTSIDE		
FIRST 400 CUBIC FEET	\$ 30.00	\$ 60.00	\$	194,940
NEXT 1600 CUBIC FEET	\$ 6.30	\$ 12.60	\$	1,904,259
OVER 2000 CUBIC FEET	\$ 5.24	\$ 10.48	\$	1,326,444
FLAT INDUSTRIAL RATE	\$ 1.91	\$ 2.32	\$	589,249
LANGLEYVILLE	\$ 5.78		\$	72,824
OWANECO	\$ 5.02		\$	33,729
KINCAID	\$ 4.36		\$	233,775
			\$ 4,355,221	\$ 342,540

Total estimated revenue increase generated across four year step plan. \$ 1,881,391

Motion carried 4-0.

TRUCK ENGINE REPAIR

Superintendent Speagle has received a quote of approximately \$6,000.00 for engine repairs to a 2003 International Model 7400 Truck. He would like permission for repairs at a higher cost if additional repairs are needed as he feels the vehicle is worth much more than the \$6,000.00.

Motion by Alderman Vota and seconded by Alderman Walters to recommend to the City Council to allow Superintendent Speagle to seek repairs for the 2003 International Model 7400 Truck at a cost not to exceed \$8,000.00. Motion carried 4-0.

CHLORINE SWITCHOVER REPAIR

Superintendent Speagle received quotes for repair/service of the switchover units on the chlorine cylinders.

Motion by Alderman Walters and seconded by Alderman Vota to recommend to the City Council to accept the quote of \$1,977.52 from Ressler's and Associated for Chlorine Switchover Repair. Motion carried 4-0.

PURCHASE MATERIALS FOR TRUCK BED

Motion by Alderman Vota and seconded by Alderman Walters to recommend to the City Council to allow Superintendent Speagle to purchase metal from ONEAL Metals Company for a cost not to exceed \$800.00 for materials for fabrication of a truck bed. Motion carried 4-0.

GENERATOR COOLING SYSTEM SERVICE

Motion by Alderman Vota and seconded by Alderman Budd to recommend to the City Council to allow Altorfer to complete generator coolant service on the Plant Generator at a cost not to exceed \$1,574.00. Motion carried 4-0.

WATER SUPERINTENDENT'S REPORT

Cherokee Street Tower Inspection

There will be an anniversary inspection of the Cherokee Street Tower this summer.

Motion by Alderman Vota and seconded by Alderman Walters to adjourn. Motion carried 4-0. Meeting adjourned at 8:13 P.M.

Ernie Dorchinecz, Chairman

WATER/ENVIRONMENTAL COMMITTEE
May 8, 2014

MEMBERS PRESENT

Alderman Dorchinecz
Alderman Walters
Alderman Vota
Alderman Budd

ALSO PRESENT

Superintendent Speagle
Treasurer Nation
Alderman Burtle
Marc Poling
Mike Coady
Bev Morrison

Mayor Brotherton
Alderman Koonce
Alderman Heberling
Carole Howell
Mark Coady

Chairman Dorchinecz called the meeting to order at 6:00 P.M.

MONTHLY STATUS REPORT

Superintendent Speagle presented the Monthly Status Report showing 29% of Lake Taylorville Water was used compared to 71% of Well Water, Ahlstrom's usage is up, and 321 Shut Off Notices were mailed resulting in 30 shut offs. The total number of AMR's installed is now 2,460.

LAB TESTING FEE FOR FY2014/2015

Two quotes were received for Lab Testing for July 2014 through June 2015. Superintendent Speagle noted that the price for sampling changes each year due to the type and amount of samples required by the EPA and the actual cost can be somewhat higher depending on repeat sampling, etc.

Motion by Alderman Walters and seconded by Alderman Budd to recommend to the City Council to accept the quote of \$6,704.00 from PDC Labs for basic chemical sampling and \$3,960.00 for bacteriological sample analysis for a total of \$10,664.00 for July 2014-June 2015. Motion carried 4-0.

The City will be required to test for UCMR 3 samples this year which is not included in this bid. He will be utilizing an outside lab that is certified for those samples.

MAIN EXTENSION-WEST HEWITT STREET

A property owner on West Hewitt Street would like a water main extension to serve his property which is outside our corporate limits. There is not a water main situated to serve the property on which he plans to build a home. This would require an extension of the water main for 225 feet to cross the front of the property with a flushing hydrant located at the end of the extension. The expense to the City would involve \$500.00 for Greene & Bradford to design the extension, apply for an EPA permit and create construction drawings. The materials (water main fittings and flushing hydrant) would be approximately \$2,332.00. The total cost for the project including labor and equipment fees is estimated at \$6,382.00. The owner will also be required to sign an annexation agreement.

Motion by Alderman Walters and seconded by Alderman Budd to recommend to the City Council to authorize the extension of the Water Main outside City Limits to serve Parcel #17-13-33-201-007-01, 1509 West Hewitt Street, and bill the owner of the property a fee of \$6,382.00 for all costs involved for the installation of said water main. Motion carried 4-0.

PURCHASE NEW COMPUTER AND MAPPING SOFTWARE

The matter of a new computer and mapping software is tabled at this time.

ANNEXATION PROCEDURE

Water Chairman Dorchinecz would like a change in the Annexation Procedure which is on file in the City Clerk's Office. He would like all requests for Annexation to come before the Committee/Council and voted on by the Committee/Council. He feels it should not be left up to the Mayor to stop annexations. He asked all Aldermen present if they agreed and they agreed verbally. These changes will be made in the Annexation Procedure Manual.

SUPERINTENDENT'S REPORT

Facility Plan

Benton & Associates are making changes in the Facility Plan. The Environmental checklist portion will need the Mayor's signature before being sent to the IEPA along with a loan application, then a Public Hearing will be held.

Service Line Materials & Meter Well Lids

The bidding for Service Line Materials & Meter Well Lids was inadvertently left off the agenda. These two items will be placed on the May 19, 2014 City Council Agenda.

ANY OTHER MATTERS

When CTI sold their internet service to T6 Broadband, it was realized that T6 Broadband could not provide Remote Backup for the City. So they give the City \$1,000.00 per month in lieu of the remote backup. Superintendent Speagle feels the \$1,000.00 per month should be the Water Department's in exchange for T6 Broadband placing an antenna on the Water Tower. It was agreed that all departments would budget for and pay their own Remote Backup expense from this point on and the \$1,000.00 per month will go to the Water Department.

Motion by Alderman Walters and seconded by Alderman Vota to adjourn. Motion carried 4-0. Meeting adjourned at 6:33 P.M.

Ernie Dorchinecz, Chairman

WATER/ENVIRONMENTAL COMMITTEE

June 12, 2014

MEMBERS PRESENT

Alderman Dorchinecz
Alderman Walters
Alderman Vota
Alderman Budd

ALSO PRESENT

Superintendent Speagle
Treasurer Nation
Alderman Burtle
Bev Morrison

Mayor Brotherton
Alderman Heberling
Greg Mahan

Chairman Dorchinecz called the meeting to order at 8:00 P.M.

MONTHLY STATUS REPORT

Superintendent Speagle presented the Monthly Status Report showing 23% of Lake Taylorville Water was used compared to 77% of Well Water, 397 Shut Off Notices were mailed resulting in 47 shut offs.

MAIN EXTENSION - 1509 WEST HEWITT STREET

The motion to extend the water main to the Mahan property at 1509 West Hewitt Street was tabled at the May 19, 2014 City Council Meeting per the property owner's request as he felt the main was already in front of his house and the extension should not cost so much. Superintendent Speagle has since verified that the main is about 27 feet short of Mr. Mahan's property. He explained he is following the ordinance for a main extension outside of City Limits but the Council can vary.

Mr. Mahan felt this is too expensive and there is no need to run the water to the end of his property as he is building a house across the four lots; he will never sell the property and he will be paying for someone in the future. The Committee presented several ideas to Mr. Mahan and suggested he contact property owners across the street to see if they would like to share the expense of the line as it would make their property more valuable.

DRUDALE COURT-WATER MAIN EXTENSION

A roadway extension of Drudale Court, on the south side of Bertinetti, is being planned to provide another ingress/egress access to the residents in that area. Superintendent Speagle would like to run a water main along the new road to provide an additional water main to service the area. Joe Greene estimated the cost of \$81,177.00 if done by a contractor. He feels if we do the project ourselves, we could save approximately \$20,000.00. It will require an IEPA permit for engineering, purchasing materials and acquiring easements.

Motion by Alderman Walters and seconded by Alderman Budd to recommend to the City Council to allow Superintendent Speagle to run a water main along the new roadway extension of Drudale Court, on the south side of Bertinetti, being planned to provide another ingress/egress access at an approximate cost of \$81,177.00 less \$20,000.00 if the City does the Labor.

There was discussion on if there would be a return on our investment or if we would be picking up new customers. The answer was no.

Motion by Alderman Walters and seconded by Alderman Budd to table. Motion carried 4-0.

SOLAR BEE MAINTENANCE CONTRACT

Three options were presented from the manufacturer for a Maintenance and Support Plan from Solar Bee Destratifier:

Option #1-1 year annual cost of \$3,076.00

Option #2- Locked Annual Cost of \$3,199.00

Option #3-Upfront one-time cost \$8,767.00 (2,922.34 per 3 year contract)

Superintendent Speagle recommends Option #3.

Motion by Alderman Walters and seconded by Alderman Vota to recommend to the City Council to accept Option #3 from Solar Bee Destratifier in the amount of \$8,867.00 for the Maintenance and Support Plan for the Solar Bee at Lake Taylorville. Motion carried 4-0.

PURCHASE 2015 FORD F250 SUPER CAB 4X4 PICKUP

Superintendent Speagle would like to purchase a new Ford F250 Super Cab Pickup from Bob Ridings Ford under the State Bid Program for his use on a daily basis. The 2011 he currently drives will be used as a runner for distribution or to access parts and run samples out of town. He currently has fifteen in his fleet with three others awaiting auction. In his budget he planned on replacing a backhoe, tractor and two service trucks, but equipment issues arose which changed his plans.

Motion by Alderman Walters and seconded by Alderman Budd to recommend to the City Council to approve Water Superintendent Speagle's request to purchase a 2015 Ford F250 Super Cab 4x4 Pickup from Bob Ridings Ford through the State Bid Program at a cost not to exceed \$32,299.00. Motion carried 3-1.

Alderman Budd noted he made the second to get the motion to Council for a full vote. Alderman Vota feels just because it is in the budget doesn't mean we should spend the money; this is a questionable time as we are looking at a new water plant.

PARK AVENUE WATER MAIN EXTENSION

Superintendent Speagle is requesting to be allowed to tie two dead end lines together to improve water quality and flow in the 1600 Block of West Park Avenue. This would tie into the line laid in the Hathaway Homes project to West Park Avenue where the main currently ends. An ideal design is to not have single inlet mains but rather a loop where water can flow where the demand is needed. This also prevents water from aging when it is allowed to stand for long periods of time. A drawing for an IEPA engineering permit would be required costing about \$500.00. The total cost for engineering and materials is approximately \$1,200.00.

Motion by Alderman Walters and seconded by Alderman Budd to recommend to the City Council to allow Superintendent Speagle to apply for an IEPA permit to tie two dead end lines together to improve water quality and flow in the 1600 Block of West Park Avenue at a cost not to exceed \$2,000.00. Motion carried 4-0.

ANNEXATION PROCEDURE

Chairman Dorchinecz readdressed the changes in the Annexation Procedure discussed at last month's meeting. The Mayor will sign annexation documents at the Council's direction. All property requested to be annexed will come through the Water Committee. Chairman Dorchinecz will meet with City Clerk Peabody to change the documented annexation procedure be followed.

Motion by Alderman Walters and seconded by Alderman Vota to recommend to the City Council to implement the changes in the annexation procedure to require all requested annexations be presented to the Water Committee for their recommendation. Motion carried 4-0.

WATER SUPERINTENDENT'S REPORT

AMR

We now have over 2,490 AMR'S in the system.

Facility Plan

The Facility Plan for a new Water Treatment Plant is completed and submitted to IEPA.

UCMR3

We will once again be sampling for Unregulated Contaminant Monitoring regulations at a cost of approximately \$4,000.00.

MIB & GEOSMIN

In sampling for MIB & GEOSMIN both showed in the raw water last sample but neither were detected in the finish. We are currently utilizing powdered activated carbon for removal but it is only effective to certain levels.

Motion by Alderman Vota and seconded by Alderman Walters to adjourn. Motion carried 4-0. Meeting adjourned at 9:14 P.M.

Ernie Dorchinecz, Chairman

WATER/ENVIRONMENTAL COMMITTEE

July 10, 2014

MEMBERS PRESENT

Alderman Dorchinecz
Alderman Walters
Alderman Vota
Alderman Budd

ALSO PRESENT

Superintendent Speagle
Treasurer Nation
Alderman Burtle
Bev Morrison

Mayor Brotherton
Alderman Heberling
Greg Mahan

Chairman Dorchinecz called the meeting to order at 9:02 P.M.

MONTHLY STATUS REPORT

Superintendent Speagle presented the Monthly Status Report showing 37% of Lake Taylorville Water was used compared to 63% of Well Water, 397 Shut Off Notices were mailed resulting in 26 shut offs. The hydrant flushing total for June 2014 was 1,284,890 gallons.

MAIN EXTENSION - 1509 WEST HEWITT STREET

The motion to extend the water main to the Mahan property at 1509 West Hewitt Street was tabled at the May 19th and June 10th meetings. As the Committee suggested, Mr. Mahan asked the property owner across the street if he would be interested in sharing the \$6,382.00 cost as he will gain access to water also. The property owner was not interested. Taking this into consideration, Superintendent Speagle proposed that we charge Mr. Mahan half the calculated fee and when the owners of the properties across the street seek access that they be required to pay the normal tapping fee.

Motion by Alderman Walters and seconded by Alderman Vota to recommend to the City Council to direct Superintendent Speagle to extend the water main outside City Limits to serve 4 lots at 1509 W. Hewitt (Parcel #17-13-33-201-007-01) and that the owner will pay the City half the fee of \$6,382.00 or \$3,191.00 for costs involved for the installation of said water main. Motion carried 4-0.

WELL PREVENTATIVE MAINTENANCE INSPECTIONS

Superintendent Speagle received two quotes to perform the annual well maintenance test on three of the wells.

Motion by Alderman Vota and seconded by Alderman Budd to recommend to the City Council to accept the low quote of \$1,900.00 from Brotcke Well and Pump to perform the annual well maintenance test on three of the well locations. Motion carried 4-0.

ANNEXATION-1409 SANGAMON ROAD

Chairman Dorchinecz noted that now with the change made in the Annexation Procedures anyone contiguous and wants City water must annex on approval first of the Water Committee and then the City Council. The owners of the property at 1409 Sangamon Road have requested water and are in City Limits.

Motion by Alderman Walters and seconded by Alderman Dorchinecz to recommend to the City Council to direct the City Attorney to begin the procedure for annexation of the property at 1409 Sangamon Road. Motion carried 4-0.

SUPERINTENDENT'S REPORT

AMR'S

Superintendent Speagle reported that there are over 2,538 AMR's in the system at this time.

ANY OTHER MATTERS

Chairman Dorchinecz commented on the Annexation Procedure Chart which was distributed tonight. He asked for any suggestions and noted that the Flow Chart will stay the same.

Motion by Alderman Vota and seconded by Alderman Walters to adjourn. Motion carried 4-0. Meeting adjourned at 9:40 P.M.

Ernie Dorchinecz, Chairman

WATER/ENVIRONMENTAL COMMITTEE

August 14, 2014

MEMBERS PRESENT

Alderman Dorchinecz
Alderman Walters
Alderman Vota
Alderman Budd

ALSO PRESENT

Superintendent Speagle
Treasurer Nation
Alderman Koonce
Airport Manager Newberry
Susan Manns
Marc Poling
Bev Morrison

Mayor Brotherton
Alderman Burtle
Alderman Jones
Mike Coady
Rick Champley
Mark Coady

Chairman Dorchinecz called the meeting to order at 6:00 P.M.

MONTHLY STATUS REPORT

Superintendent Speagle presented the Monthly Status Report showing 30% of Lake Taylorville Water was used compared to 70% of Well Water, 363 Shut Off Notices were mailed resulting in 29 shut offs. A new meter was installed at the Prison because of problems.

Superintendent Speagle informed the Committee that the EPA Engineering Evaluation was done in July. He stated we can expect some of the same large items, such as only having one head tank and replacing a Lake Pump and Motor which are covered under the plant study.

WATER BILL ISSUE AT 1125 E. ELM

Susan Manns, who lives at 1125 East Elm, came before the Committee because she received a very large water bill with no changes in her usage. She stated she had found her hose pulled across the back yard and feels a neighbor behind her may have used her hose along with their own to fill their swimming pool. She stated that with her disability she does not go outside often and would not have seen this. Committee members were sympathetic but told her this could be a criminal matter and suggested she report it to the Police. She stated she would pay the bill, but asked if the late fee could be waived as she is making payments. Treasurer Nation will waive the late fee penalty.

LANGLEYVILLE WATER RATES

Chairman Dorchinecz noted that it is time for the yearly rate review for the Langleyville Public Water District. He feels no motion to raise the fee is warranted as the new water rate schedule associated with the building of a new water plant provides for that increase. It was suggested that the City Attorney look into the wording in the Langleyville Water Contract to see if the wording about the annual review needs clarification.

TRACTOR REPAIR BILL

The Ford tractor used to apply sludge to farmers' fields in the fall had coolant and oil leak issues. Instead of repairing 13 small leaks in the radiator for \$1,800.00 and buying a rebuilt motor for

\$15,000.00 Superintendent Speagle had a new radiator installed and bushing reworked for a total of \$7,532.57.

Motion by Alderman Vota and seconded by Alderman Budd to recommend to the City Council to approve the payment of \$7,532.57 to Tri-Co Equipment for repairs to the Ford 8770 Tractor. Motion carried 4-0.

TRUCK REPAIR

The 2003 International dump truck was getting coolant in the oil. It was sent to Blueville Garage where the motor was overhauled for \$5,274.52. The truck is operating normally.

Motion by Alderman Walters and seconded by Alderman Budd to recommend to the City Council to approve payment of \$5,274.52 to Blueville Garage for repairs to the 2003 International dump truck. Motion carried 4-0.

SUPERINTENDENT'S REPORT

Cross Connection Control

Superintendent Speagle is seeking quotes from two major providers for service to assist with the tracking of notices regarding Cross Connection Control. After the EPA's last visit, this is a higher priority.

Facility Plan

A meeting is scheduled with Jamie Headon and Benton & Associates regarding status and authorization for design.

Motion by Alderman Vota and seconded by Alderman Walters to adjourn. Motion carried 4-0. Meeting adjourned at 6:32 P.M.

Ernie Dorchinecz, Chairman

WATER/ENVIRONMENTAL COMMITTEE
September 11, 2014

MEMBERS PRESENT

Alderman Dorchinecz
Alderman Vota
Alderman Budd

MEMBERS ABSENT

Alderman Walters

ALSO PRESENT

Mayor Brotherton
Superintendent Speagle
Treasurer Nation
Airport Manager Newberry
Alderman Burtle
Alderman Koonce
Shirley Sams

Reggie Benton
Jamie Headen
Brian Moses
Paul Mauer
Bob Fleming

Chairman Dorchinecz called the meeting to order at 6:00 P.M.

MONTHLY STATUS REPORT

Superintendent Speagle presented the Monthly Status Report showing 17% of Lake Taylorville Water was used compared to 83% of Well Water, 339 Shut Off Notices were mailed resulting in 40 shut offs.

He advised there was lightning damage to four of the Total Voltage Surge Suppression, they did what they were designed to do but have to be replaced at a cost of \$1,400.00 each; the deductible is \$1,000.00. He is still researching costs before contacting KMRM.

BENTON & ASSOCIATES AMENDMENT FOR DESIGN OF WATER TREATMENT PLANT

The Committee reviewed Amendment No. 8 to the Agreement for Engineering Services Related to Water System Improvements for New Water Treatment Plant with Benton and Associates for the design of the new water treatment plant. This Amendment is a continuation of the original services agreement dated October 17, 2006. Reggie Benton and Jamie Headen were present to answer any questions the Committee may have regarding this Amendment. Mr. Benton advised they will also be attending the September 15th City Council to be available for any questions the City Council may have.

Mr. Headen gave a brief overview of the meeting which occurred between the City and Benton & Associates for the new Water Treatment Plant on August 25, 2014. Mr. Benton thanked the City for the opportunity to work on this important project; Mr. Headen will be the head of the project and Mr. Benton will be the Principal in Charge of the project; they will be working very closely with Water Superintendent David Speagle. He presented a Project Schedule & Implementation Schedule with the beginning date of May 2014 when the Facility Plan & Pre-Application was submitted to IEPA, ending with a projected date of May 2017 for completion. He informed the Committee they would need to choose a Bond Counsel and advised that Kurt Froehlich who had worked with the City in the past has passed away.

Motion by Alderman Budd and seconded by Alderman Vota to recommend to the City Council to accept Amendment No. 8 to the Agreement for Engineering Services Related to Water System Improvements for New Water Treatment Plant with Benton and Associates as presented and to direct the Mayor and City Clerk to sign all the necessary documents. Motion carried 3-0.

VERIZON PROPOSAL FOR ANTENNAS ON HIGH SCHOOL TOWER

No action taken at this time on the Verizon proposal for antennas on the High School Water Tower.

HIGH SCHOOL TOWER LIGHTING

Superintendent Speagle received a request from Ben Morrison to place a light at the High School Tower illuminating the Tornado logo at his expense for both labor and materials. The only thing he may need the City to help with is trenching. Ben is co-owner of Morrison Electric and is an electrician; he has done work for the City and has always done an excellent job. His request is to mount a light on or at the fence in the southeast corner of our fenced area and the light would be focused upward.

Airport Manager Bill Newberry was advised to check with the Illinois Department of Aeronautics to see if the beam of light on the water tower would be an issue.

There was discussion regarding whether or not this would be lit at all times or only when the school is hosting a home game. The Committee agreed the lights should only be on when there is a home game for all sports that occur after dusk.

Motion by Alderman Vota and seconded by Alderman Budd to recommend to the City Council to allow Ben Morrison who has volunteered at his expense to place a light on or at the fence in the southeast corner of the City's fenced area focused upward to show the Tornado logo on the High School Water Tower to be utilized during any night home game. Motion carried 3-0.

SUPERINTENDENT'S REPORT

Superintendent Speagle advised they used less chemicals in the Lake due to the cooler temperatures this summer.

The Cherokee Street Tower inspection was done, there were a few places that needed touchups, Maxcor will be back in a couple of months to do the repairs.

Advised all residents are now paying the new water rates.

ANY OTHER MATTERS

Chairman Dorchinecz suggested that the Dredging of Lake Taylorville be on the next Lake/Airport Committee Meeting Agenda for discussion. This is a very important issue that the City should be pursuing grant monies or other sources of revenue to complete that project. Alderman Vota stated that there are no grant monies available, so he is not going to put it on the agenda.

Motion by Alderman Vota and seconded by Alderman Budd to adjourn. Motion carried 3-0.
Meeting adjourned at 6:50 P.M.

Ernie Dorchinecz, Chairman

WATER/ENVIRONMENTAL COMMITTEE
November 13, 2014

MEMBERS PRESENT

Alderman Dorchinecz
Alderman Vota
Alderman Budd
Alderman Walters

ALSO PRESENT

Mayor Brotherton
Superintendent Speagle
Alderman Burtle
Bev Morrison

Chairman Dorchinecz called the meeting to order at 6:59 P.M.

MONTHLY STATUS REPORT

Superintendent Speagle presented the Monthly Status Report showing 20% of Lake Taylorville Water was used compared to 80% of Well Water. 357 Shutoff Notices were mailed resulting in 53 shut offs. He stated approximately ½ of the AMR's are now in the system.

CORRPRO MAINTENANCE AGREEMENT

Superintendent Speagle received a quote of \$725.00 each for the maintenance of our cathodic protection of the three water towers. This is a \$35.00 per tower increase over last year.

Motion by Alderman Walters and seconded by Alderman Vota to recommend to the City Council to approve the agreement with Corrpro for the annual test and inspection of the three water towers for a total of \$2,175.00. Motion carried 4-0.

DITCH WITCH LOCATER PURCHASE

Superintendent Speagle would like to purchase an additional locater. He stated we are having more utilities being placed in the ground daily and could use two quality locaters. Our current locater is no longer manufactured and needs to be sent for recalibration soon. He would like to purchase a Ditch Witch "Utiligard".

Motion by Alderman Vota and seconded by Alderman Walters to recommend to the City Council to allow Superintendent Speagle to purchase a Ditch Witch "Utiligard" from Ditch Witch to include a transmitter at 12 watts, receiver, carry case and induction clamp at a cost of \$4,645.00. Motion carried 4-0.

VERIZON ANTENNA CONTRACT

Verizon would like to install antennas on the High School Tower. They have forwarded site sketches and a contract that they are proposing. He has received a quote from C.B.I. who designed and built the tank for structural evaluation and recommendations regarding the proposed site sketch from Verizon. Their proposed fee is \$2,000.00. The Committee feels there will also be a considerable fee for Attorney Romano to rework the contract and suggested that Verizon pay a fee upfront to cover these expenses. It will be expressed that this is not a guarantee that the City will agree to any existing conditions.

Motion by Alderman Walters and seconded by Alderman Budd to recommend to the City Council to ask Illinois RSA 6 & 7 Limited Partnership, d/b/a Verizon Wireless to pay \$5,000.00 up front to cover the attorney and consulting fees before the City pursues the project. Motion carried 4-0.

PRIMER PUMP REPLACEMENT

Superintendent Speagle would like to replace one of our primer pumps which work with the high service pumps at the Treatment Plant as repairs are estimated at \$945.00.

Motion by Alderman Walters and seconded by Alderman Budd to recommend to the City Council to allow Superintendent Speagle to purchase a Primer Pump from General Pump and Machinery at a cost of \$1,050.00. Motion carried 4-0.

SUMMIT AVENUE PROPERTY ACQUISITION

There are three tracts of property at the end of Summit Avenue which have recently been purchased and reduced to two tracts by the new owner. A 25' x 140' portion of Tract 1 has been utilized as a roadway which contains the water main; however, this area was never dedicated to the City. The new owner has had the properties surveyed and is willing to dedicate 25' by 140' from Tract 1 in exchange for the City to install a 1" tap and service line to serve his second tract at our cost. The material cost would run about \$500.00 with labor running about the same.

Motion by Alderman Walters and seconded by Alderman Vota to recommend to the City Council to accept the dedication of property at the end of Summit Avenue in exchange for the installation of a tap and service line with the City Attorney and City Engineer preparing the proper documentation as needed. Motion carried 4-0.

WATER SUPERINTENDENT'S REPORT

Superintendent Speagle informed the Committee about the kickoff meeting for the New Water Treatment Plant which was held earlier today. Reggie Benton, Jamie Headen, and other representatives with Benton & Associates, representatives with Oates Associates and Clark Dietz, Mayor Brotherton, City Clerk Peabody, City Treasurer Nation, Water Chairman Dorchinecz, and Water Dept. Working Foreman Marlin Brune were in attendance. The Project Description, Work Plan, Funding, and Schedule were some items discussed. He will be meeting with Jamie Headen to look at other plants. He stated they have been surveying for several weeks. The new plant will be completed in approximately 29 months.

ANY OTHER MATTERS

Treasurer Nation informed the Committee that the Sanitary District will pay for the change of new water bills to accommodate their taking off the debt service charge and adding a CAMP charge. We currently get \$5,000.00 per month for mailing of the bills.

Motion by Alderman Vota and seconded by Alderman Budd to adjourn. Motion carried 4-0. Meeting adjourned at 8:06 P.M.

Ernie Dorchinecz, Chairman

WATER / ENVIRONMENTAL COMMITTEE
December 11, 2014

MEMBERS PRESENT

Aldermen Dorchinecz
Alderman Walters
Alderman Vota

MEMBERS ABSENT

Alderman Budd

ALSO PRESENT

Superintendent Speagle	Tony Hammond
Mayor Brotherton	Angie Clark
Airport Manager Newberry	Andy Goodall
Superintendent Jackson	Bev Morrison
Alderman Koonce	

Chairman Dorchinecz called the meeting to order at 6:00 P.M.

MONTHLY STATUS REPORT

Superintendent Speagle presented the Monthly Status report showing we delivered 414 shut off notices resulting in 38 shut offs.

CHEMICAL BID AWARDS

Liquid Aluminum Sulfate

Univar USA Inc.....	\$411.11 per dry ton
Chemtrade Chemicals.....	\$433.00 per dry ton
GEO Specialty Chemicals.....	\$475.12 per dry ton
U.S. Alco.....	\$638.20 per dry ton

Motion by Alderman Walters and seconded by Alderman Vota to recommend to the City Council to accept the lowest qualified bid of \$411.11 per dry ton for liquid aluminum sulfate from Univar USA Inc. Motion carried 3-0.

Liquid Chlorine (1-ton Cylinders)

DPC Enterprises.....	\$524.00 per ton
Hawkins Chemical.....	\$546.00 per ton
Brenntag Mid South.....	\$565.00 per ton

Motion by Alderman Vota and seconded by Alderman Walters to recommend to the City Council to accept the lowest qualified bid of \$524.00 per ton for liquid chlorine from DPC Enterprises. Motion carried 3-0.

CO₂

Continental Carbonic.....	\$280.00 per ton
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Motion by Alderman Walters and seconded by Alderman Vota to recommend to the City Council to accept the only bid of \$280.00 for CO₂ from Continental Carbonic. Motion carried 3-0.

Carbon (Hydro Darco B)

Univar USA Inc.,.....	\$1.10 per lb.
Brenntag Mid South.....	\$1.195 per lb.

Motion by Alderman Vota and seconded by Alderman Walters to recommend to the City Council to accept the lowest qualified bid of \$1.10 per lb. for carbon from Univar USA Inc. Motion carried 3-0.

Hydrofluosilicic Acid

Univar USA Inc.....	\$0.41 per lb.
Brenntag Mid South.....	\$0.455 per lb.
Hawkins Chemical.....	\$0.46 per lb.

Motion by Alderman Walters and seconded by Alderman Vota to recommend to the City Council to accept the lowest qualified bid of \$0.41 per lb. for hydrofluosilicic acid from Univar USA Inc. Motion carried 3-0.

WATER SUPERINTENDENTS REPORT

Superintendent Speagle reported that he will be meeting with Benton & Associates tomorrow concerning the new plant. He has responded to the EPA concerning our Engineering evaluation, with most of the large items being covered by the new plant project.

Motion by Aldermen Walters and seconded by Aldermen Vota to adjourn. Motion carried 3-0. Meeting adjourned at 6:09 P.M.

Ernie Dorchinecz, Chairman