

## MEMORANDUM

TO: Village President and Board of Trustees

FROM: Robert O. Barber, Village Administrator



DATE: Wednesday, November 22, 2017

RE: VILLAGE ADMINISTRATOR MATERIALS FOR VILLAGE BOARD MEETING

BOARD MEETING DATE: *Monday, November 27, 2017 at 7:00 p.m.*

## A G E N D A

I. PLEDGE TO THE FLAG

II. ROLL CALL

III. APPROVAL OF MINUTES OF THE PREVIOUS MEETINGS OF THE MONTH

IV. VILLAGE CLERK REPORT

V. RECOGNITION OF AUDIENCE

A. FINANCE AND ADMINISTRATION COMMITTEE - Frank Basile, Marcy Meyer

1. CONSIDER AN ORDINANCE ADOPTING A TAX LEVY FOR 2017 COLLECTIBLE IN 2018. As was discussed in strategic planning, this levy represents a 0% increase in the corporate and all special tax levies. The only exception is the bond levy, which is increasing from \$85,922 to \$87,295; or \$1,373 dollars. This increase is due to the refinancing we conducted back in February 2017 and this amount will now bounce between \$85,000 and \$90,000 for the next 15 years based on the amount of principal and interest due. When looking at the tax levy chart provided behind the ordinance, the Village Board froze the operating levy in the Fall of 2012, making this the sixth year that the Village Board has frozen the levy. However, as then EAV declined during that same period the tax rate increased from 0.6459 to 0.7468. Ironically, the Village's tax rate today is still less than the high mark of 0.7508 in 1994. Since that time, the EAV has grown to keep the tax rates below this mark. A home valued at \$235,000 is paying less in property taxes today than it would have in 1994. However, property values have increased during this time so of course taxes paid increased.

Enclosed is an example a five year property tax history. Although the Village tax is not separated out, this tax bill increased by only \$96.18 in the last five years, or an average of less than \$20 per year. The assessed value dropped from \$56,560 to \$50,947 during that same period. \$335.66 was paid to the Village in property taxes in 2017.

It is recommended that the enclosed ordinance be approved.

2. STATUS OF ILLINOIS MUNICIPAL INSURANCE COOPERATIVE (IMIC). The Village attended the quarterly Board of Director's meeting earlier in the month and a financial report is enclosed. The Board voted to release any unobligated funds back to the participants that contributed to the pool after five years. Since this is the fourth year, we anticipate a release of funds next year. There is \$142,980 remaining from our first year of operating the pool, and the original founding 13 members will be splitting this amount based on size of contribution. In future years, we are running over \$100,000 each year in excess funding and so far in this year we still have \$470,000 remaining. The pool is performing as we expected and the returns should start to begin. This pool was first formed by the Eastern Will County Council of Mayors (Beecher, Monee and Peotone). Crete was already in another pool (IRMA). We added more member communities to make the pool viable and we started with 13 members and we now have 21 members. Our goal is to have a total of 25 high-performing members with a rate of return of \$200,000 per year. This will reduce our overall premium costs by 50% compared to each community going to market on its own. We self-fund the first \$50,000 of each claim and purchase insurance for the remaining coverage up to an \$8 million cap per occurrence.

3. CONSIDER A MOTION CANCELLING THE SECOND MEETING IN DECEMBER WHICH FALLS ON CHRISTMAS DAY. Traditionally we have cancelled the second meeting in December and do a combined financial, commission and committee report meeting the first meeting of December. We would then go back to our routine at the January 8<sup>th</sup> meeting. November's monthly reports would be due for the December 11<sup>th</sup> meeting.

4. COMCAST REQUIRED NOTICE OF PRICE INCREASES FOR 2018 is enclosed for your review.

B. PUBLIC BUILDINGS AND PROPERTIES, PARKS AND RECREATION COMMITTEE  
- Scott Wehling, Todd Kraus

1. FIREMEN'S PARK PLAYGROUND UPDATE.

2. SAFETY INSPECTIONS OF VILLAGE BUILDINGS. In the last month the Village had all of its parks, buildings and facilities inspected by our liability pool risk management consultant and we are awaiting the written report. We believe that most of the corrections we will have to make is to some playground equipment which are showing signs of wear. The Supt. can provide an update.

3. ICE RINK UPDATE. It is that time of year again and a new liner has been purchased for the rink and it is scheduled to be constructed as soon as we catch up on leaf collections.

C. PLANNING, BUILDING AND ZONING COMMITTEE - Stacy Mazurek, Jonathan Kypuros

1. BUILDING DEPARTMENT MONTHLY REPORT is enclosed for your review.

2. DUNKIN DONUTS DRIVE THRU REQUEST AT 1211 DIXIE UPDATE. The PZC met on November 16<sup>th</sup> and approved a public hearing set for Thursday, December 12<sup>th</sup>. It is scheduled to come before the Board on January 8<sup>th</sup>.

3. CMAP L.T.A. GRANT UPDATE. A kick-off meeting was held where it was determined that the Village and CMAP would jointly participate in an RFP process for a consultant to conduct the land use planning at an estimated cost of \$100,000 to \$130,000. The Village's share of this project would be in the range of \$10,000 to \$13,000. We have \$8,000 budgeted this year and we would have to budget another \$5,000 next year but this process will be well worth it. There are plans to provide for heavy resident participation and engagement in this process through workshops and group meetings. The PZC will be the lead steering committee in this process as is normal and will require a significant amount of time on the part of these commissioners. This will be the first comprehensive plan re-write the Village has conducted since 2005. The project will begin this Spring and be completed by the Summer of 2019.

4. CONSIDER AN ORDINANCE ADDING SECTION 9-5-16 OF THE VILLAGE CODE PERTAINING TO THE PARKING OF OVERSIZED VEHICLES AND TRAILERS WITHIN ALL PROPERTY OF THE VILLAGE. This is a continuation of the discussion the Board had at its October 23<sup>rd</sup> meeting on this ordinance. The Committee met for several hours one evening in September and decided to propose the enclosed ordinance and make it part of the municipal code and not the zoning ordinance so it could be more easily enforced by the police department and interpreted by the code enforcement officer. In short, the any vehicle or trailer in excess of 25 feet in length cannot be parked anywhere in the Village for more than three days unless on property licensed for such use. All recreational trailers and vehicles must also be parked on asphalt or concrete surface and be at least 5' from a property line.

Last month the Board asked to see photos of trailers taken throughout the community (and shared with the committee) so it could be visualized as to the type of violations that may or may not exist under the current zoning ordinance and the proposed municipal ordinance. A presentation has been prepared which will be made at the meeting of the photos shared with the Committee. Action on this ordinance is at the discretion of the Board.

D. PUBLIC SAFETY COMMITTEE - Todd Kraus, Scott Wehling

1. POLICE DEPARTMENT MONTHLY REPORT is enclosed for your review.

2. E.M.A. MONTHLY REPORT is enclosed for your review.
3. CODE ENFORCEMENT MONTHLY REPORT is enclosed for your review.
4. FULL-TIME POLICE OFFICER HIRING LIST has been established after interviews and three officer candidates are on this list.
5. CORPORAL PROMOTION UPDATE. This process is proceeding for the promotion of two officers to the rank of corporal. This process was begun under the former Chief and it was decided to continue with the process he started. Interviews are scheduled for Monday.
6. RESULTS OF HALLOWEEN PATROLS. No major incidents were reported and the Lieutenant will provide an update.

E. PUBLIC WORKS COMMITTEE - Jonathan Kypuros, Stacy Mazurek

1. WATER DEPARTMENT MONTHLY REPORT is enclosed for your review.
2. SEWER DEPARTMENT MONTHLY REPORT is enclosed for your review.
3. WATER BILLING REGISTER for the months of September and October are enclosed for your review. September was a dry month and usage was relatively high compared to prior years. The pumped to billed ratio is 69.35%. Over the years this water loss ratio has been debated as to what is acceptable. So far the AWWA and the IEPA are not willing to touch this subject with a 10 foot pole. Other states have, however and it appears that 20% water loss (or an 80% pumped to billed ratio is acceptable with 10% being ideal. Please see the enclosed literature addressing this subject.
4. WELL #4 UPDATE. A bearing was replaced in the motor for \$1,875 and the motor was placed back on the pump shaft and calibrated for \$2,500. When we turned the well back on there was no vibration on the shaft and the pump curve was back to normal. The well is back on line. We have schedule 80 line shaft piping (the best in the business) so even though the shaft has reached its useful life of 20 years (1994) it may last another 20 years. We recommend to continue using the well until we see a decline in the pump curve and then we can address the shaft. Well #3 line shaft is also schedule 80 pipe installed in 1988 and there is still no effect on that pump curve. We have three wells and plenty of pumping capacity so we can afford to place a well out of service for repair when we have to.
5. CHESTNUT STREET LIGHTS UPDATE. The work has been authorized and we are awaiting installation. The Supt. will provide an update.
6. BRUSH AND LEAF COLLECTION UPDATE. This is a very late Fall and public works will be picking up leaves through Friday, December 1st. This means last pass is scheduled for Monday, November 27<sup>th</sup> and leaves have to be raked to the curb by 7:30 a.m. on that day to be

guaranteed to be picked up. At Monday night's meeting the Supt. will update the Board if this date will be extended. The last day for leaf bag pick-up and brush pick-up is also Monday, November 27<sup>th</sup>. The brush truck has to be modified for salt spreading and snow removal.

- 7. ROUTE #1 SHOULDER WIDENING UPDATE will be provided at the meeting.
- 8. VALVE TURNING UPDATE to be provided by the Supt. at the meeting.
- 9. DECORATION UPDATE. The street banners are all down, and the snowflakes should all be up prior to the meeting depending on the weather.

F. ECONOMIC DEVELOPMENT AND COMMUNITY RELATIONS COMMITTEE  
- Marcy Meyer, Frank Basile

- 1. FACEBOOK PAGE UPDATE
- 2. RESULTS OF BEECHER VIETNAM VETERANS CEREMONY HELD AT PRAIRIE STATE COLLEGE. Four Beecher veterans did show up to be recognized at the ceremony. Trustee Basile can provide the update.
- 3. SESQUICENTENNIAL UPDATE

G. VILLAGE PRESIDENT REPORT

- 1. POLICE CHIEF SELECTION PROCESS UPDATE
- 2. CRETE CSX INTERMODAL UPDATE

H. OLD BUSINESS

I. NEW BUSINESS

J. ADJOURN INTO EXECUTIVE SESSION (if necessary)

K. MOTION TO RECESS FOR FIVE MINUTES TO PREPARE FOR STRATEGIC PLANNING DISCUSSION. We will need a motion to recess the Board meeting for five minutes. We will then resume the meeting to continue where we left off on November 13<sup>th</sup>. We will go to 9pm and decide if we want to quit for the evening and schedule another date and time, perhaps after the December 11<sup>th</sup> Village Board meeting.

**MINUTES OF THE REGULAR MEETING OF THE PRESIDENT  
& BOARD OF TRUSTEES OF THE VILLAGE OF BEECHER  
HELD AT THE BEECHER VILLAGE HALL,  
625 DIXIE HIGHWAY, BEECHER, ILLINOIS  
NOVEMBER 13, 2017 -- 7:00 P.M.**

All present joined in the Pledge to the Flag.

President Szymanski called the meeting to order.

**ROLL CALL**

**PRESENT:** President Szymanski and Trustees Basile, Meyer, Kraus, Mazurek, Kypuros and Wehling.

**ABSENT:** None.

**STAFF PRESENT:** Clerk Janett Conner, Administrator Robert Barber, Acting Chief Rick Emerson, Treasurer Donna Rooney, Engineer Ray Koenig and Superintendent of Public Works Bud Cowger.

**GUEST:** George Schuitema.

President Szymanski asked for consideration of the minutes of the October 23, 2017 Board meeting and October 30, 2017 Strategic Planning meeting. Trustee Kraus made a motion to approve the minutes as written. Trustee Basile seconded the motion.

**AYES:** (6) Trustees Basile, Meyer, Kraus, Mazurek, Kypuros and Wehling.

**NAYS:** (0) None.

Motion Carried.

President Szymanski asked for a moment of silence for the recent shooting in a Texas church.

**RECOGNITION OF AUDIENCE**

None.

**REPORTS OF VILLAGE COMMISSIONS**

There was nothing to report for the Beautification Commission or Fourth of July Commission.

Trustee Mazurek reported that the Youth Commission's next event is Nerf Day on November 19<sup>th</sup> at the Junior High School. Approximately 70 kids have registered to participate. The Youth Commission will be participating in the Washington Township holiday event at the Community Hall on December 9<sup>th</sup>. A bowling event will be held in January.

Trustee Basile reported on the Ribbon of Hope Commission. The benches are all done and bricks have been engraved and installed. The memorial will be dedicated in the spring.

Trustee Wehling reported on the Historic Preservation Commission. Meetings are held on the third Wednesday of the month at 6 p.m. at the Depot. Seven more plaques have been ordered to total thirteen so far.

#### **A. FINANCE AND ADMINISTRATION COMMITTEE**

**TREASURER'S REPORT:** A copy of the Treasurer's report was provided to the Board for review and Treasurer Rooney was present to answer questions. Trustee Basile made a motion to approve the Treasurer's Report and the Report of Financial Activity in the prior month. Trustee Meyer seconded the motion.

AYES: (6) Trustees Basile, Meyer, Kraus, Mazurek, Kypuros and Wehling.

NAYS: (0) None.

Motion Carried.

Variance reports for the preceding month were provided in the packet for review.

A list of bills totaling \$383,037.61 to be paid was available for review. A summary of the list of bills was provided. It was noted that due to the holiday, many bills were added since reviewed the previous week and were highlighted on the bill list. Trustee Kraus asked about the dispatching fees. Both Eastcom and Laraway are being paid based on a prorated number of days. Trustee Basile made a motion to approve payment of the list of bills as presented. Trustee Meyer seconded the motion.

AYES: (6) Trustees Basile, Meyer, Kraus, Mazurek, Kypuros and Wehling.

NAYS: (0) None.

Motion Carried.

The Board considered award of a bid for the rehabilitation of the Beecher Wastewater Treatment Plant. Bids were opened on October 31<sup>st</sup> and five bids were received. A bid tab sheet was provided in the packet for review. Trustee Kypuros made a motion to approve authorization of award of a bid for the rehabilitation of the Beecher Wastewater Treatment Plant in the amount of \$8,696,500 to IHC Construction Company of Elgin, IL, subject to the Village's receipt of a formal loan offer from the Illinois Environmental Protection Agency (IEPA). Trustee Mazurek seconded the motion.

AYES: (6) Trustees Basile, Meyer, Kraus, Mazurek, Kypuros and Wehling.

NAYS: (0) None.

Motion Carried.

Trustee Kypuros reported that Public Works is looking at a purchase of a used F800 tandem axle dump truck. This item was budgeted for the next fiscal year, but there is a current opportunity to purchase a truck for significantly less money than budgeted. Photos and specs of the truck were provided to the Board for review. Crew Leader Matt Conner drove the truck and confirmed the truck was in good shape and had the new equipment as advertised. Crew Leader Conner asked for

additional funds over the truck price to get some needed work done on the truck. Trustee Kypuros made a motion to approve waiving of bids for the purchase of a used tandem axle dump truck at an amount not to exceed \$45,000 for the truck and needed extras. Trustee Basile seconded the motion.

AYES: (6) Trustees Basile, Meyer, Kraus, Mazurek, Kypuros and Wehling.

NAYS: (0) None.

Motion Carried.

Trustee Kypuros made a motion to authorize the Village President to execute documents for the purchase of a used tandem axle dump truck in an amount not to exceed \$45,000. Trustee Basile seconded the motion.

AYES: (6) Trustees Basile, Meyer, Kraus, Mazurek, Kypuros and Wehling.

NAYS: (0) None.

Motion Carried.

The Board considered a Resolution adopting a social media policy as recommended by the Committee and approved after minor revisions were made by the Attorney.

RESOLUTION #2017-09 – A Resolution adopting a social media policy for all elected and appointed officials of the Village and the use of the Village's Facebook page. Trustee Meyer made a motion to adopt Resolution #2017-09. Trustee Mazurek seconded the motion.

AYES: (6) Trustees Basile, Meyer, Kraus, Mazurek, Kypuros and Wehling.

NAYS: (0) None.

Motion Carried.

The page went officially live that morning and Treasurer Rooney announced the page had 270 followers as of 6:30 p.m. that evening.

## **H. NEW BUSINESS**

There was a five minute recess at 7:23 p.m. to prepare for continuation of the strategic planning discussion.

There being no further business, President Szymanski asked for a motion to adjourn. Trustee Kypuros made a motion to adjourn the meeting. Trustee Meyer seconded the motion.

AYES: (6) Trustees Basile, Meyer, Kraus, Mazurek, Kypuros and Wehling.

NAYS: (0) None.

Motion Carried.

Meeting adjourned at 9:40 p.m.

Respectfully submitted by:

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Janett Conner  
Village Clerk



**ORDINANCE # \_\_\_\_\_**

**VILLAGE OF BEECHER  
WILL COUNTY, ILLINOIS**

**AN ORDINANCE FOR THE LEVYING AND ASSESSING OF TAXES FOR THE  
VILLAGE OF BEECHER, WILL COUNTY, ILLINOIS,  
FOR THE FISCAL YEAR OF SAID VILLAGE COMMENCING  
MAY 1, 2017 AND ENDING APRIL 30, 2018.**

**Adopted by the Board of Trustees  
of the Village of Beecher on \_\_\_\_\_.**

**Published in Pamphlet form after due notice  
and public hearing by the Office of the  
Village Clerk on \_\_\_\_\_.**

**ORDINANCE NO.**

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**VILLAGE OF BEECHER  
WILL COUNTY, ILLINOIS**

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**AN ORDINANCE FOR THE LEVYING AND ASSESSING OF TAXES FOR THE  
VILLAGE OF BEECHER, WILL COUNTY, ILLINOIS,  
FOR THE FISCAL YEAR OF SAID VILLAGE COMMENCING  
MAY 1, 2017 AND ENDING APRIL 30, 2018**

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BE IT ORDAINED by the President and Board of Trustees of the Village of Beecher, Will County, Illinois:

**Section 1:**

For the purpose of defraying all necessary expense and liabilities of the Village for the fiscal year commencing May 1, 2017 and ending April 30, 2018, a tax for the following sums or so much thereof as by law may be authorized, be and the same is hereby levied against all taxable property in the Village according to 65 ILCS 5/8-3-1 for the following purposes, to-wit:

I. **GENERAL CORPORATE PURPOSES**

A. **Village President and Board of Trustees** **Levied**

**Departments of Administration & Inspectional Services**

Salary of Village President	\$ 1,500.00
Salary of Village Administrator	21,000.00
Salaries of Members of Board of Trustees	4,200.00
Salary of Village Clerk	1,300.00
Salary of Village Treasurer	1,300.00

Accounting	200.00
Full-Time Salaries	11,500.00
License Tags and Permits	300.00
Legal Services	5,500.00
Printing	1,000.00
Office Supplies and Postage	1,200.00
Publication and Dues	500.00
Circuit Court Expenses	100.00
Conventions, Seminars and Meetings	2,000.00
Commissioners and Planning	300.00
Auditing (From Special Tax Levy)	
Bonds	100.00
Contingencies	1,000.00
IMRF and Social Security (from Special Tax Levy)	<u>-0-</u>
<b>Total Department of Administration</b>	<b>\$ 53,000.00</b>

**B.     DEPARTMENT OF POLICE**

Salary of Police Chief	\$21,000.00
Salaries of Full-Time Policemen	106,000.00
Overtime of Full-Time Policemen	2,400.00
Salaries of Part-Time Policemen	7,000.00
Uniform Allowance for Police Officers	1,000.00
Maintenance of Police Equipment	2,000.00
Maintenance of Police Squad Cars	3,000.00
Gas and Oil for Squad Cars	4,000.00
Police Communications & Dispatching	23,000.00
Supplies	1,000.00
Training of Police Officers	1,000.00
IMRF & Social Security (from Special Levy)	-0-
Health Insurance	15,000.00
Communications and Telephone	<u>1,418.00</u>
<b>Total Department of Police</b>	<b>\$187,818.00</b>

C. DEPARTMENT OF STREETS AND ALLEYS

Full-time Salaries	\$21,000.00
Overtime	1,000.00
Health Insurance	2,000.00
Maintenance of Vehicles and Equipment	2,000.00
Street Lighting	48,000.00
Maintenance Supplies for Streets	10,000.00
Gasoline and Oil	3,000.00
<b>Total Department of Streets and Alleys</b>	<b>\$87,000.00</b>

D. DEPARTMENT OF PUBLIC BUILDINGS & PROPERTY

Maintenance of Village Hall	\$ 1,000.00
Operating Expenses of Village Hall	500.00
Liability, Property, Unemployment & Workmen's	
Comp. Insurance (From Special Levy)	-0-
Maintenance & Repairs to Village Garage	1,000.00
Supplies	1,000.00
Contingencies	<u>500.00</u>
<b>Total Department of Public Property</b>	<b>\$ 4,000.00</b>
<b>TOTAL GENERAL CORPORATE PURPOSES</b>	<b>\$ 331,818.00</b>

## II FROM SPECIAL TAX LEVIES

### A. MUNICIPAL AUDITING TAX

As provided by Illinois Revised Statutes,

65 ILCS 5/8-8-8, For Auditing and

Funds and Accounts of the Village Public Accounts \$ 7,638.00

**Total Municipal Auditing Tax** **\$ 7,638.00**

### B. ILLINOIS MUNICIPAL RETIREMENT FUND & SOCIAL SECURITY

As provided by Illinois Revised Statutes,

40 ILCS 5/7-171, for IMRF & Social Security

**For IMRF** **\$61,100.00**

**For Social Security** **\$59,891.00**

### C. LIABILITY, PROPERTY DAMAGE, WORKMEN'S COMPENSATION & UNEMPLOYMENT INSURANCE

Costs of Workmen's Compensation, Liability,

Property Damage, Unemployment Insurance for the

Village of Beecher, per Illinois Revised Statutes,

745 ILCS 10/9-107:

Cost of Liability, Property Damage, Workmen's

Compensation and Unemployment Insurance \$39,671.00

**Total Liability, Property Damage, Workmen's**

**Compensation & Unemployment Insurance** **\$39,671.00**

C. POLICE PROTECTION TAX

As provided by 65 ILCS 5/11-1-3 of  
the Illinois Revised Statutes or Police protection  
for the Village of Beecher

\$104,125.00

**Total Police Protection Tax**

**\$104,125.00**

D. EMERGENCY SERVICE AND DISASTER

As provided by Illinois revised Statutes,

65 ILCS 5/8-3-16:

\$ 1,090.00

**Total Emergency Service and Disaster**

**\$ 1,090.00**

E. BOND AND INTEREST FUND

Bond and Interest

\$87,295.00

**Total Bond and Interest Fund**

**\$87,295.00**

**TOTAL BY FUNDS**

General Corporate Purposes	\$331,818.00
Municipal Auditing Fund	7,638.00
Illinois Municipal Retirement Fund	61,100.00
Social Security Fund	59,891.00
Liability, Property Damage, Workmen's	
Compensation & Unemployment Insurance	39,671.00
Police Protection Tax	104,125.00
Emergency Service & Disaster	1,090.00
Bond and Interest Fund	<u>87,295.00</u>
<b>TOTAL ALL FUNDS</b>	<b>\$692,628.00</b>



**Section 2:**

That said sum of Six Hundred Ninety Two Thousand Six Hundred and Twenty Eight Dollars (\$692,628.00) is hereby levied and assessed for the above times which have been heretofore appropriated by ordinance of the President and Board of Trustees of the Village of Beecher.

**Section 3:**

That this ordinance shall be in full force and effect from and after its passage and approval as provided by law.

Passed this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

Ayes: \_\_\_\_\_ Nays: \_\_\_\_\_ Absent: \_\_\_\_\_

Approved: \_\_\_\_\_  
Village President

Attest:

\_\_\_\_\_  
Village Clerk

State of Illinois        )

County of Will        )

Certification

Village of Beecher    )

The undersigned, being duly sworn, deposes and states that she hereby certifies that she is the duly appointed and Acting Village Clerk of the Village of Beecher, Will County, Illinois; that she has the care, custody and control of the records, including ordinances and resolutions passed by said Village.

That the attached is a true, correct and compared copy of the ordinance for the levying and assessing of taxes for the Village of Beecher, Will County, Illinois, for the fiscal year of said Village commencing May 1, 2017 and ending April 30, 2018.

That this certificate is made pursuant to the requirements of law and for the purpose of filing with the County Clerk of Will County, Illinois, for the levy of taxes for the tax year 2017/2018 collectible in 2018.

Witness my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

\_\_\_\_\_  
Village Clerk



**Nancy Schultz Voots**

**W I L L C O U N T Y C L E R K**

Will County Clerk's Office • 302 N. Chicago Street • Joliet, Illinois 60432  
815 • 740 • 4615 • Fax: 815 • 740 • 4699  
Website: [www.thewillcountyclerk.com](http://www.thewillcountyclerk.com) • E-mail: [coclrk@willcountyillinois.com](mailto:coclrk@willcountyillinois.com)

**CERTIFICATE OF COMPLIANCE WITH TRUTH IN TAXATION**  
IN ACCORDANCE WITH CHAPTER 35 SECTIONS 200/18-55  
THROUGH 200/18-101.65 ILLINOIS COMPILED STATUTES

I, Greg Szymanski, Village President (Presiding Officer of District), hereby  
certify to the Will County Clerk that the Village of Beecher  
(Name of District) has complied with all provisions of Truth in Taxation, as amended,  
with respect to the adoption of the tax levy for year **20** 17.

**(CHECK ONE BOX)**



The District levied an amount of ad valorem tax that is less than or equal to 105% of the final aggregate extension plus any amount abated prior to extension for the preceding year, therefore the publication and hearing provisions of Truth in Taxation are **inapplicable**.

**OR**



The District levied an amount of ad valorem tax that is greater than 105% of the final aggregate extension plus any amount abated prior to extension for the preceding year, therefore the publication and hearing provisions of Truth in Taxation are **applicable** and have been met.

Said public hearing was held on \_\_\_\_\_ (Date).

**SIGN HERE**

\_\_\_\_\_  
Signature of Presiding Officer

November 27, 2017

Date

(Attach this Certificate to Tax Levy)  
rev 10/2009

## VILLAGE PROPERTY TAX LEVIES

	Village Levy for Operations & Mtno.	Village Levy for Road and Bridge	Debt Service	Total Levy	E.A.V.	Change in E.A.V.	Tax Rate	Tax Per \$235,000 Home
1994		\$224,047	\$58,169	\$282,216	\$28,191,604		0.7508	\$582.25
1995		\$224,081	* \$15,000.00	\$239,081	\$30,244,616	+7.3%	0.5823	\$451.57
1996		\$231,948	\$40,928	\$272,876	\$32,277,710	+6.7%	0.6451	\$500.28
1997		\$244,284	\$54,935	\$299,220	\$33,563,667	+4.0%	0.6872	\$532.94
1998		\$258,462	\$53,600	\$312,068	\$36,516,279	+8.8%	0.6539	\$507.10
1999		\$266,170	\$57,084	\$323,254	\$36,662,554	+0.4%	0.6765	\$524.63
2000		\$277,203	\$55,479	\$332,682	\$38,851,168	+6.0%	0.6565	\$509.12
2001		\$310,069	\$58,748	\$368,817	\$42,601,666	+9.7%	0.66	\$511.83
2002		\$335,631	\$56,933	\$392,564	\$46,974,305	+10.3%	0.6345	\$492.06
2003		\$371,372	\$59,900	\$431,272	\$52,418,820	+11.5%	0.632	\$490.12
2004		\$449,641	\$57,772	\$507,413	\$61,603,041	+17.5%	0.6125	\$474.99
2005		\$533,275	\$60,344	\$593,619	\$74,961,363	+22.2%	0.5831	\$452.19
2006	\$443,915	\$184,000	\$57,720	\$685,635	\$92,213,368	+23.02%	0.544	\$421.87
2007	\$509,213	\$217,966	\$64,893	\$792,072	\$110,362,636	+19.68%	0.5202	\$403.42
2008	\$563,346	\$251,102	\$61,631	\$876,079	\$123,757,962	+12.14%	0.505	\$391.63
2009	\$572,985	\$246,681	\$71,065	\$890,732	\$124,022,874	+0.21%	0.5193	\$402.71
2010	\$593,464	\$259,015	\$70,862	\$923,161	\$121,238,766	-2.24%	0.5478	\$424.82
2011	\$605,816	\$252,657	\$70,183	\$928,656	\$112,292,130	-7.38%	0.602	\$466.85
2012	\$605,885	\$257,499	\$69,573	\$932,657	\$104,589,158	-6.86%	0.6459	\$500.90
2013	\$605,333	\$257,110	\$74,018	\$941,227	\$96,955,460	-7.30%	0.7012	\$543.78
2014	\$605,333	\$263,655	\$73,248	\$944,385	\$92,834,853	-4.25%	0.731	\$566.89
2015	\$605,536	\$263,655	\$77,418	\$946,609	\$92,054,706	-0.84%	0.7419	\$575.34
2016	\$605,333	\$263,655	\$85,922	\$954,910	\$92,588,237	+0.58%	0.7468	\$579.14
<b>2017</b>	<b>\$605,333</b>	<b>\$267,288</b>	<b>\$87,295</b>	<b>\$959,916</b>	<b>\$93,000,000</b>	<b>+0.44%</b>	<b>0.7448</b>	<b>\$577.59</b>

\*Tax Abatement due to 1989 G.O. Bond Refinancing

\*\*Tax levies are estimated.

Levies are shown in the year they are levied, not collected.

\$235,000 is the median value of a home in the Village.

## Will County, Illinois

### Real Estate Multi-Year Inquiry

#### Owner Information

**22-22-16-401-  
012-0000**

**BARBER  
ROBERT O  
DONNA M  
443 MILLER ST  
BEECHER IL  
60401**

Township    Previous PIN  
**WASHINGTON**

	2012	2013	2014	2015	2016
LAND/LOT	16,124	15,157	14,511	14,366	14,524
BUILDING	40,436	38,010	36,391	36,027	36,423
FARMLAND	0	0	0	0	0
FARM BLD	0	0	0	0	0
EQ-TOTAL	56,560	53,167	50,902	50,393	50,947
OPEN SPC	0	0	0	0	0
EXEMPTNS	6,000	6,000	6,000	6,000	6,000
NET EAV	50,560	47,167	44,902	44,393	44,947
TAX RATE	9.8225	10.2506	10.7648	11.1701	11.2631
TAX CODE	2201	2201	2201	2201	2201
R E TAX	4,966.26	4,834.90	4,833.62	4,958.74	5,062.44
OTHER TX	4.16	4.16	4.16	4.16	4.16
<b>TAX BILLED</b>	<b>4,970.42</b>	<b>4,839.06</b>	<b>4,837.78</b>	<b>4,962.90</b>	<b>5,066.60</b>

## Will County, Illinois

### Tax Detail Inquiry

**22-22-16-**  
**401-012-**      Township  
**0000**  
**BARBER**  
**ROBERT**  
**O DONNA**      **WASHINGTON**  
**M**  
**443**  
**MILLER**  
**ST**  
**BEECHER**  
**IL 60401**

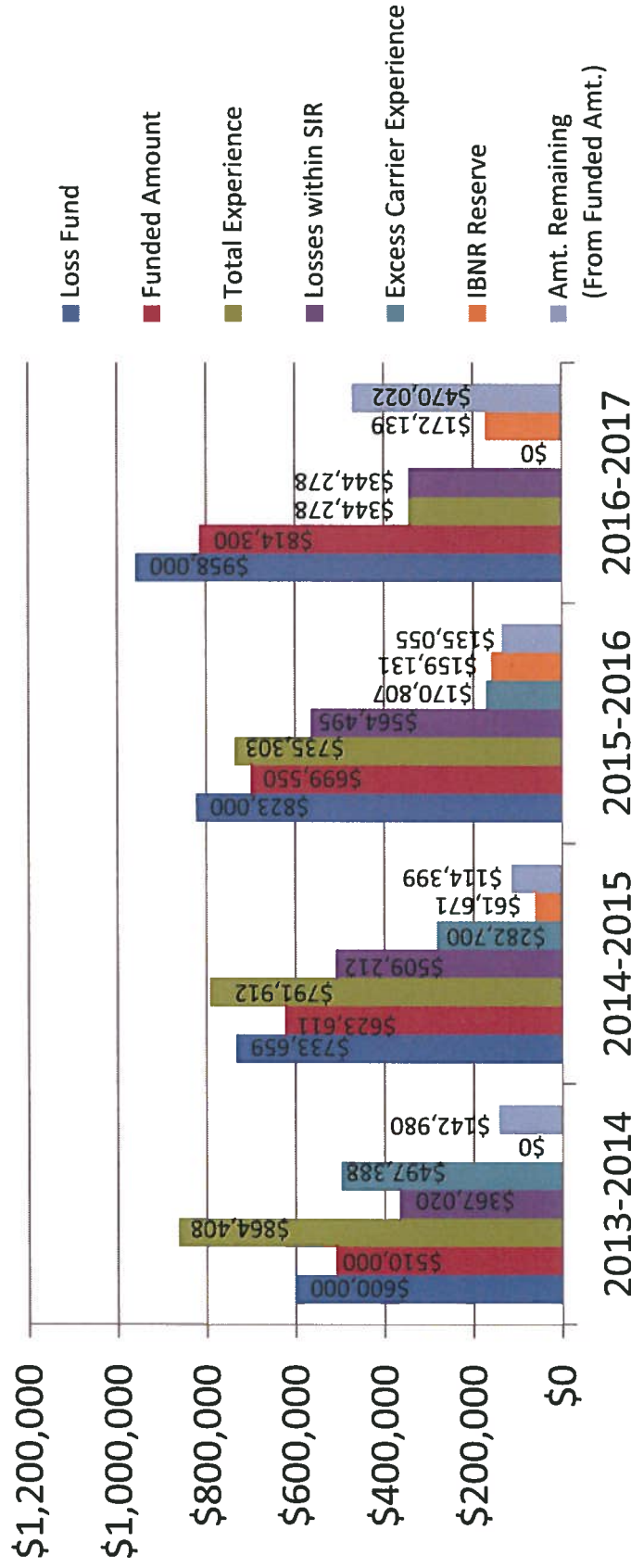
Property Class	Tax Code	Tax Rate
R	<b>2201</b>	<b>11.2631</b>
	2015	2016
	NET	NET
	EAV	EAV
	<b>44,393</b>	<b>44,947</b>

	2015		2016	
Taxing Body	Rate	Amount	Rate	Amount
FOREST PRESERVE	.1937	85.99	.1944	87.38
WILL COUNTY BLDG COMM	.0218	9.68	.0026	1.17
WSHGTN TWP TOWN FUNDS	.2654	117.82	.2623	117.90
WSHGTN TWP ROAD FUNDS	.3350	148.72	.3311	148.82
BEECHER FIRE DISTRICT	1.0974	487.17	1.0952	492.26
SCHOOL DISTRICT 200-U	6.9424	3,081.94	6.9804	3,137.48

COMM COLLEGE DIST 515 VILLAGE OF BEECHER VIL BEECHER RD & BR BEECHER PUBLIC LIB WILL COUNTY	.4703	208.78	.5537	248.87
	.7419	329.35	.7468	335.66
	.2868	127.32	.2835	127.42
	.2014	89.41	.2010	90.34
	.6140	272.56	.6121	275.14
WASH TWP DR DIST #3		4.16		4.16
<b>*** TOTAL</b>	<b>11.1701</b>	<b>4,962.90</b>	<b>11.2631</b>	<b>5,066.60</b>
<b>***</b>				

# Illinois Municipal Insurance Cooperative– IMIC

Loss Run Report as of September 30, 2017



## KEY

- **Loss Fund** – The total amount the program collects at the beginning of every renewal term to pay claims within the program's SIR of \$50,000.
- **Funded Amount** – Actual amount collected based on annual funding levels selected by the IMIC Executive Board.
- **Total Experience** – The total amount of losses to date.
- **Losses Within the SIR** – The total amount of losses within the program's SIR of \$50,000.
- **Excess Carrier Experience** – Total amount paid for by the insurance companies above the groups SIR of \$50,000 per claim.
- **IBNR Reserve** – Incurred But Not Reported reserve amount developed by Alternative Service Concepts.
- **Amount Remaining** – Difference between the funded amount and the losses within the SIR.
- **Funds Utilized** – *Services paid for by the group out of the loss fund (to be provided by IMIC Accountant)*





November 17, 2017

The Honorable Janett Connor  
Village Clerk  
Village of Beecher  
625 Dixie Highway  
Beecher, IL 60401

RE: Important Information—Price Changes

Dear Ms. Connor,

We are committed to delivering the entertainment and services our customers in the Village of Beecher rely on today, and the new experiences they will love in the future. As we continue to invest in our network, products and services, the cost of doing business rises. Among our largest increasing costs are the fees we pay to programmers so that we can continue to offer the best in entertainment, news and sports. As a result, starting January 1, 2018, prices for certain services and fees will be increasing, including the Broadcast TV Fee and Regional Sports Fee. Please see the enclosed Customer Notice for more information.

While some prices may have increased, we are always investing in technology to drive innovation. We are working hard to bring our customers great value every day and exciting new developments in the near future, including the following:

- The most TV shows and movies available On Demand
- Innovative X1 Voice Remote that makes searching for shows and movies easier
- Self-service options to save our customers time and adapt to their schedule
- Access to Netflix and YouTube content on XFINITY X1
- America's best internet provider, according to Speedtest.net
- The fastest internet and the most WiFi coverage throughout customers' homes
- A new way to personalize and control home networks with Xfinity xFi.

We know you may have questions about these changes. If I can be of any further assistance, please contact me at (224) 229-4564.

Sincerely,

Yohan Fernando  
Senior Manager of Government Affairs

Encl.

# IMPORTANT INFORMATION REGARDING YOUR XFINITY SERVICES AND RATES

Calumet City, Glenwood, Lynwood, Homewood, Hammond & Peotone Areas

**Effective January 1, 2018**

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## **We hope you are enjoying your Xfinity services.**

As a Comcast employee who lives and works in your area, I am proud of the improvements we continue to make to bring you the best in entertainment and communications. There are many options out there, and I appreciate you choosing us as your provider.

As we continue to invest in our network, products and services, the cost of doing business rises. You may also be aware that we pay increasing programming fees to offer the best in entertainment, news and sports and they are among our largest costs. As a result, certain services and fees will be increasing in the next month or so.

We are providing this information in advance so you can plan accordingly. Please see the following pages in this bill for details on upcoming price changes in your area. For more information on the ways your bill can change and specifics on charges, visit [xfinity.com/pricechanges](http://xfinity.com/pricechanges).

You have my commitment that we will always work to bring you the best value for your services.

Thank you for being an Xfinity customer.

**Wendy Liu**  
Vice President Customer Experience

**We're working hard to bring you great value every day, and exciting new developments in the future.**

- Xfinity Mobile
- Xfinity xFi delivers the control and coverage you need for your home WiFi
- The most WiFi hotspots nationwide
- Watch thousands of TV shows and movies with Xfinity On Demand
- Xfinity Stream app – live TV and sports on the go
- Simple, easy and fast account management with Xfinity My Account
- YouTube on X1 plus more apps coming soon

If you are currently receiving services on a promotional basis, under a minimum term agreement associated with a specific rate, or in the guaranteed period of one of our SurePrice plans, the prices for those specific services will not be affected during the applicable period. However, equipment charges, taxes and fees, including Broadcast TV Fee and Regional Sports Network Fee, are subject to change.

## BUILDING PERMITS - OCTOBER 2017

PERMIT #	OWNER NAME	ADDRESS	DATE	DESCRIPTION	COST	VALUE
125-17-10B	Contreras	245 Maple	10/6/2017	Irrigation	\$75.00	\$4,900.00
126-17-10B	Wehrmann	312 Miller	10/10/2017	Roof	\$55.00	\$11,880.00
127-17-10B	Gunther	546 Elliott	10/11/2017	Roof	\$55.00	\$10,313.00
128-17-10B	Lehmann	629 W. Indiana	10/13/2017	Roof	\$55.00	\$4,518.00
129-17-10B	Circle K #193	1350 S. Dixie	10/18/2017	Conc./asphalt repair	\$826.60	\$67,873.00
130-17-10B	Circle K #1387	901 Dixie	10/18/2017	Asphalt repair	\$140.00	\$4,200.00
131-17-10B	DeJong Equip	383 S. Dixie	10/18/2017	Commercial roof	\$457.00	\$37,000.00
132-17-10B	Washington Twp	673 Penfield	10/19/2017	Brick repair/rebuild	\$296.20	\$24,200.00
133-17-10B	Witkowski	503 Oak Park	10/27/2017	Garage roof	\$55.00	\$3,000.00
134-17-10B	Buchan	719 Woodward	10/31/2017	Deck	\$70.00	\$750.00

### MONTHLY TOTALS

\$2,084.80      \$168,634.00

**VILLAGE OF BEECHER, WILL COUNTY, ILLINOIS**

**ORDINANCE NO. \_\_\_\_\_**

**AN ORDINANCE ADDING SECTION 9-5-16 OF THE VILLAGE CODE OF THE VILLAGE OF BEECHER PERTAINING TO PARKING OF OVERSIZED VEHICLES AND TRAILERS, AND REPEALING ALL VILLAGE CODE SECTIONS AND ORDINANCES, OR PARTS THEREOF, IN CONFLICT THEREWITH.**

**WHEREAS**, the Corporate Authorities of the Village of Beecher, Will County, Illinois, have been advised that it is necessary to amend the Village Code concerning certain parking of oversized vehicles and trailers;

**WHEREAS**, the Corporate Authorities of this Village of Beecher, Will County, Illinois, have reviewed the text provisions of the Village Code concerning the current private parking restrictions; and

**WHEREAS**, the Corporate Authorities of this Village of Beecher, Will County, Illinois, having reviewed the Village Code provisions, as amended from time to time, pertaining to certain oversized vehicles and trailer parking restrictions, now concur that it is advisable, necessary, and in the best interests of the residents of the Village of Beecher that Section 9-5-16 of the Village Code be added.

**NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BEECHER, WILL COUNTY, ILLINOIS, AS FOLLOWS:**

**SECTION ONE:** That Section 16 entitled "OVERSIZED VEHICLE AND TRAILER PARKING ON PRIVATE PROPERTY" of Chapter 5 entitled "PARKING RULES" of Title 9 entitled "TRAFFIC" of the Village Code of the Village of Beecher, be, and the same is hereby amended to read and provide as follows, namely:

**"9-5-16: OVERSIZED VEHICLE AND TRAILER PARKING ON PRIVATE PROPERTY**

It shall be unlawful to park any vehicle, trailer, or equipment exceeding twenty-five (25) feet in length anywhere in the Village for a period in excess of three (3) days as provided in Section 9-5-15 unless the vehicle is parked in a licensed storage facility. In addition, all such trailers and vehicles must be parked a minimum of five (5) feet from any side or rear property line. Except for gravel driveways which existed prior to the date of this Ordinance, all trailers and vehicles shall only be parked on asphalt and concrete surfaces."

**SECTION TWO:** That all existing Ordinances and Village Code provisions, or parts thereof, in conflict with the provisions of this Ordinance, are hereby deemed null, void, and of no legal effect, and are specifically repealed.

**SECTION THREE:** If any section, clause, provision or portion of this Ordinance shall be held to be invalid or unconstitutional by any Court of competent jurisdiction, such decision shall not affect any other section, clause, provision or portion of this Ordinance, and this Village Board hereby expressly acknowledges that it would have enacted this Ordinance even with the invalid portion deleted.

**SECTION FOUR:** That this Ordinance shall be in effect immediately after its passage by the Village Board, its approval by the President and its publication as required by law, however, any oversized trailer or vehicle lawfully parked on the date of passage of this Ordinance shall be exempt from the enforcement of this Ordinance until October 1, 2018.

**PASSED and APPROVED** this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

Yeas: \_\_\_\_\_

Nays: \_\_\_\_\_

Abstain: \_\_\_\_\_

Present: \_\_\_\_\_

\_\_\_\_\_  
Greg Szymanski, Village President

**ATTEST:**

\_\_\_\_\_  
Janett Conner, Village Clerk

#### 9-5-16: OVERSIZE VEHICLE AND TRAILER PARKING ON PRIVATE PROPERTY

It shall be unlawful to park any vehicle, trailer or equipment twenty-five (25) feet or longer, measured from front bumper (or tongue) to the rear bumper (or tail end) anywhere in the Village for a period in excess of three (3) days as provided in Section 9-5-15 unless the vehicle is parked in a licensed storage facility. In addition, all parked trailers and vehicles must be parked a minimum of five (5) feet from any side or rear property line. Any trailer or vehicle parked in violation of this ordinance on the date of its passage shall be grandfathered for until October 1, 2018. Except for gravel driveways which existed prior to the date of this ordinance, all trailer and vehicle parking areas shall be asphalt or concrete constructed according to Section 10.03(10) of the Beecher Zoning Ordinance.



**VILLAGE OF BEECHER  
POLICE**

**Jeffrey L. Weissgerber**  
Chief of Police

724 Penfield Street • P.O. Box 1114 • Beecher, IL 60401 • (708) 946-2341 • Fax (708) 946-3039

Date: November 21, 2017

To: Village President, Board of Trustees & Village Administrator

From: Lt. Emerson

Re: Report of Police Activities for October 2017

**CONFIDENTIAL MATERIAL**

THIS REPORT IS NOT FOR PUBLIC DISSEMINATION. IT CONTAINS REPORTS, NOTES AND RECOMMENDATIONS OF THE BEECHER POLICE DEPARTMENT ALONG WITH CONFIDENTIAL AND/OR PROTECTED INFORMATION AND DATA. RECIPIENTS ARE RESPONSIBLE FOR THE HANDLING OF SUCH INFORMATION AND DATA IN ACCORDANCE WITH APPLICABLE FEDERAL AND STATE LAWS AND REGULATIONS. IT IS THEREFORE CONFIDENTIAL AND INTENDED ONLY FOR MEMBERS OF THE VILLAGE BOARD AND THE VILLAGE ADMINISTRATOR.

## October 2017 Beecher Police Department Monthly Report

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### Items of Interest

- A. The reports from the Director of EMA/Community Policing and Code Enforcement for the month of October are enclosed for your review.
- B. Our agency hosted an open house on Friday, October 13<sup>th</sup>. Approximately 300 people stopped by and visited officers at the station and took part in several activities.
- C. Lt. Emerson attended a Laraway Communications Center meeting on October 17<sup>th</sup> in Frankfort. The new communication center should be operational in December.
- D. Oral interviews for the Full-time officer list were conducted on Monday, October 30<sup>th</sup>.
- E. Lt. Emerson and Director Tatgenhorst attended a Government Emergency Telecommunications Service (GETS) Program and EMA Coordinators meeting on Tuesday, October 31<sup>st</sup> in Joliet.
- F. The written test for the Corporals positions was administered on Friday, October 27<sup>th</sup> and Tuesday, October 31<sup>st</sup>.
- G. Extra officers were added including the bike unit and EMA for Halloween patrol in the neighborhoods. No incidents were reported.
- H. Officer DaCorte and Lt. Emerson were recognized by MADD for their enforcement of impaired drivers.
- I. The department is a recipient of a 2017 Bulletproof Vest Partnership grant from the Bureau of Justice Assistance to help replace out of date body armor.
- J. Director Tatgenhorst received a thank-you letter from Municipal Bank in Bourbonnais, for presenting a training program on robbery preparedness and response procedures.
- K. Officer LeRoy received a certificate of appreciation from the United States Geological Survey for contacting the agency during an injured animal call in the Prairie Crossing Subdivision.



## October 2017 Beecher Police Department Monthly Report

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### Training Report

Date	Officers	Class	Location	Length of Class
10/02/17	Little DaCorte	Building Searches	Frankfort	8 hrs
10/05/17	DaCorte	ILEAS WMD SRT	Joliet	8 hrs
10/06/17	Mazurek	IVC Update	Homewood	8 hrs
10/09-13/17	DaCorte	Advanced Truck Enforcement	Lisle	40 hrs
10/10-11/17	LeRoy Sipple	Homicide Conference	Itasca	16 hrs
10/16-20/17	Mazurek	FTO	Romeoville	40 hrs
10/24-25/17	Sipple	Acting Patrol Officer in Charge	Burbank	16 hrs
10/26/17	LeRoy Sipple Tatgenhorst	Responding to Alzheimer's and Related Dementias	Homewood	4 hrs

### Comparison of Activity from Last Month

- DUI arrests were 0 this month (0 in September)
- Suspended/revoked drivers license were 5 this month (3 in September)
- 9 citations for speeding (8 in September)
- 0 citations for illegal transportation of alcohol (0 in September)
- 4 citations for truck violations (9 in September)
- Overall, 36 citations were issued, excluding parking tickets and ordinance violations
- There were 5 misdemeanor arrest, 0 felony arrest, 0 warrant arrests

Officers performed 217 business/security checks and handled 278 calls for service

Total crash reports for the month of October were 4. The yearly total is 53.

Monthly ticket totals:	Warnings:	70
	Citations:	36
	Civil Law:	0
	Parking:	15
	Compromise:	2

## October 2017 Beecher Police Department Monthly Report

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### Vehicle Mileage and Fuel Consumption

Squad	Miles Driven	Fuel Consumed/Gallons
M-31	1455	156.1
M-32	1355	119.7
M-33	713	70.2
M-34	960	138.7
M-35	595	105.9
M-36	0	0
M-37	1415	171.5
M-38	1328	104.4
M-39	1292	132.2
M-40	743	66.5

Police master gas key	0.0
Diesel fuel for truck(s)	0.0
Beecher EMA	50.1

Total mileage	9856.0
Average daily miles	317.9
Average hourly miles	13.2

Total fuel consumed	1065.2 gallons
Average fuel mileage	9.2 mpg

\*Mileage and consumption is based on 31 days/October 1<sup>st</sup> through October 31<sup>st</sup>.



October 23, 2017

Acting Chief Rick Emerson  
724 Penfield Street  
P.O. Box 1114  
Beecher, IL 60401


Dear Chief Emerson:

This letter is to express our appreciation of Denis Tagenhorst and his team who provided the staff of Municipal Bank with an excellent training program on robbery preparedness and response procedures. The team was well-prepared, informative, and their mock robberies provided the staff with helpful suggestions. Their willingness to travel out of their area and to provide the exceptional training program at no charge is admirable and certainly a positive representation of the Beecher Police Department.

The day the group came we learned your Chief had passed the night before, and we could feel the respect and loyalty they have toward their team. Even with heavy hearts, they were here and provided all of us with an excellent presentation on how to be better prepared in the event of a robbery.

Thank you to all.

Respectfully,

  
Catherine Boicken  
President

228 N. Dixie Highway  
Mokenca, Illinois 60954  
(815) 472-6444

MAIN OFFICE:  
720 Main St., NW  
Bourbonnais, Illinois 60914  
(815) 935-8000  
Member FDIC  
[www.municipalbank.com](http://www.municipalbank.com)

110 Marquette Place S.  
Manteno, Illinois 60950  
(815) 468-8100

**CERTIFICATE OF APPRECIATION  
AWARDED TO****ANDREW LE ROY****Banding Data****Band Number** 1038-10450**Banded** 07/19/2007**Species** Canada Goose**Sex** MALE**Age of Bird** WAS TOO YOUNG TO FLY WHEN BANDED IN 2007**Location** 33 E OF WINISK, ONTARIO, CANADA**Bander** C/O ROD BROOK  
OMNR-WILDLIFE RESEARCH  
WILDLIFE RESEARCH & MONITORING  
2140 EAST BANK DRIVE, DNA BUILDING  
PETERBOROUGH ON K9J 7B8  
CANADA**Encounter Data****Location** BEECHER, WILL COUNTY, ILLINOIS,  
UNITED STATES Desc: BIRD WAS LOACATED  
IN A RETENTION POND IN THE MIDDLE OF A SUBDIVISION**Encountered** 10/20/2017

# Beecher Police Department Monthly Ticket Report Oct-17

				Current Total	Aggregate Total				
Driving under the influence of alcohol/drugs	0	12							
Driving with bac over .08	0	8							
Driving under the influence of drugs in urine	0	0							
Illegal transportation of alcohol	0	11							
Suspended registration	0	3							
Improper display of registration	0	3							
Improper use of regstration	0	1							
Operation of uninsured motor vehicle	3	44							
No valid registration	6	24							
No valid drivers license	1	11							
Driving while license suspended or revoked	5	36							
Fleeing and eluding	0	1							
Speeding	9	89							
Disobey traffic control device	1	14							
Seat belt violation	0	9							
Improper lane usage	0	23							
Improper passing	0	4							
Truck violation (size/weight/load)	4	123							
Equipment violation	5	84							
Fail to yield - emergency vehicle	0	5							
Cell Phone Violation	0	14							
All others	2	18							
Total tickets	36	537							
Total violators	29	409							
	Current	%	Aggregate	%		Current	%	Aggregate	%
M/W	14	48%	209	50%	F/W	7	25%	58	14%
M/B	3	10%	47	12%	F/B	3	10%	11	3%
M/Hispanic	2	7%	67	16%	F/H	0	0%	15	4%
M/Other	0	0%	2	1%	F/Other	0	0%	0	0%
	Current	%	Aggregate	%					
Total White	21	66%	267	64%					
Total Black	6	9%	58	14%					
Total Hispanic	2	22%	82	21%					
Total Other	0	3%	2	1%					

## Beecher Police Department

### Case Report Summary

10/1/2017 12:00:00 AM to 10/31/2017 11:59:59 PM

<u>Case Number</u>	<u>Subject</u>	<u>Date/Time</u>	<u>Case Report Location</u>	<u>Call for Service Location</u>	<u>Primary Officer</u>
B1-17-0000266	Accident	10/2/2017 8:10:10 AM		W Indiana Ave / Dixie Hwy	Leroy, Andrew #117
B1-17-0000267	T - Traffic Stop	10/3/2017 10:12:38 PM	Dixie Hwy / Church Rd	S Rt 394 Nb / W Goodenow Rd	Nieken, Nicholas #165
B1-17-0000268	T - Traffic Stop	10/4/2017 4:15:37 AM	(300) Blk Dixie Hwy	308(300) Blk Dixie Hwy	Nieken, Nicholas #165
B1-17-0000269	Accident	10/4/2017 8:01:54 AM		W Church Rd / Dixie Hwy	Sipple, Roger #114
B1-17-0000270	Criminal Damage to Property	10/4/2017 4:07:18 PM	675 Penfield St	711 Penfield St	Sipple, Roger #114
B1-17-0000271	Accident	10/5/2017 3:35:57 PM		1362 Dutch American Way	Hawkins, Jamie #143
B1-17-0000272	Domestic	10/13/2017 1:04:34 AM	1446 Fox Hound Trl	1446 Fox Hound Trl	Little, William #126
B1-17-0000273	Drive Off	10/13/2017 5:13:36 PM	1350 Dixie Hwy	1350 Dixie Hwy	Nieken, Nicholas #165
B1-17-0000274	Walk in at Station	10/16/2017 6:59:43 AM	29930 Trim Creek Ln	724 Penfield St	Leroy, Andrew #117
B1-17-0000275	BURGLARY TO MOTOR VEHICLE	10/16/2017 10:35:14 AM	170 Sawgrass Ln	170 Sawgrass Ln	Leroy, Andrew #117
B1-17-0000276	HARASSMENT	10/18/2017 5:55:00 PM	1409 Trail Side Dr	1409 Trail Side Dr	Hawkins, Jamie #143
B1-17-0000277	Domestic	10/19/2017 5:23:37 AM	627 Penfield St	627 Penfield St	Fraher, Mirrissa #164
B1-17-0000278	Accident	10/19/2017 11:16:45 AM		W Indiana Ave / Maxwell St	Hopkins, Ryan #154
B1-17-0000279	Animal Complaints	10/20/2017 12:34:53 PM	1024 Sycamore St	1024 Sycamore St	Emerson, Rick #108
B1-17-0000280	T - Traffic Stop	10/22/2017 10:36:58 PM	Eagle Lake Road/ Dixie Hwy	S Rt 394 Nb / W Goodenow Rd	Fraher, Mirrissa #164
B1-17-0000281	Accident	10/23/2017 12:04:05 PM		985 Keenan Ln	Hawkins, Jamie #143
B1-17-0000282	Suspicious	10/24/2017 11:50:52 PM	1560 Mallards Cv	1560 Mallards Cv	Mazurek, Ronald #148
B1-17-0000283	BURGLARY TO MOTOR VEHICLE	10/25/2017 12:29:15 AM	826 Catalpa St	826 Catalpa St	Hawkins, Jamie #143
B1-17-0000284	BURGLARY TO MOTOR VEHICLE	10/25/2017 1:32:28 AM	822 Catalpa St	822 Catalpa St	Mazurek, Ronald #148
B1-17-0000285	BURGLARY TO MOTOR VEHICLE	10/25/2017 6:58:16 AM	1606 Dove Valley Ln	1606 Dove Valley Ln	Mazurek, Ronald #148
B1-17-0000286	Criminal Damage to Property	10/25/2017 8:34:14 AM	1561 Saddle Run Ln	715 Dixie Hwy	Leroy, Andrew #117
B1-17-0000287	Follow Up	10/25/2017 10:24:54 AM	621 Meadow Ln	621 Meadow Ln	Leroy, Andrew #117
B1-17-0000288	STOLEN	10/25/2017 10:30:33 AM	531 Oak Park Ave Apt 2	531 Oak Park Ave Apt 2	Leroy, Andrew #117
B1-17-0000289	Criminal Damage to Property	10/25/2017 11:14:12 AM	903 W Indiana Ave	903 W Indiana Ave	Leroy, Andrew #117
B1-17-0000290	Theft	10/25/2017 11:45:42 AM	281 Fairway Dr	281 Fairway Dr	Leroy, Andrew #117
B1-17-0000291	Theft	10/25/2017 2:14:54 PM	515 Oak Park	724 Penfield St	Leroy, Andrew #117
B1-17-0000292	T - Traffic Stop	10/30/2017 11:16:40 PM	Dixie Hwy / Indiana Ave	S Dixie Hwy / W Eagle Lake Rd	Dacorte, Aaron #157
B1-17-0000293	Follow Up	10/31/2017 4:14:18 PM	611 Elliott	724 Penfield St	Sipple, Roger #114
B1-17-0000294	Lost	10/31/2017 5:48:12 PM	712 Penfield St	724 Penfield St	Sipple, Roger #114

# Beecher Police Department

## CAD Calls For Service Counts

10/1/2017 to 11/1/2017

<b>Abandoned</b>	<b>2</b>
<b>Accident</b>	<b>7</b>
<b>Administrative Duties</b>	<b>6</b>
<b>ALARM</b>	<b>10</b>
<b>Animal Complaints</b>	<b>5</b>
<b>Assist Fire Department</b>	<b>38</b>
<b>Assist Law Agency</b>	<b>8</b>
<b>Attempt to Locate</b>	<b>1</b>
<b>Breaks</b>	<b>15</b>
<b>BUILDING CHECK</b>	<b>217</b>
<b>Burglary</b>	<b>1</b>
<b>BURGLARY TO MOTOR VEHICLE</b>	<b>9</b>
<b>Code Violations</b>	<b>1</b>
<b>Court Duties</b>	<b>1</b>
<b>Criminal Damage to Property</b>	<b>3</b>
<b>Detail</b>	<b>3</b>
<b>Disturbance</b>	<b>1</b>
<b>Domestic</b>	<b>5</b>
<b>Drive Off</b>	<b>1</b>
<b>Driving Under the Influence</b>	<b>1</b>
<b>Escorts</b>	<b>13</b>
<b>Extra Patrol</b>	<b>16</b>
<b>FINGERPRINTINTING DUTIES</b>	<b>2</b>
<b>Firework Complaints</b>	<b>1</b>
<b>Follow Up</b>	<b>34</b>
<b>Foot Patrol</b>	<b>1</b>
<b>HARASSMENT</b>	<b>3</b>
<b>Information</b>	<b>3</b>
<b>Juvenile Complaints</b>	<b>1</b>
<b>Lock out or in</b>	<b>12</b>
<b>Lost</b>	<b>1</b>
<b>Loud</b>	<b>11</b>
<b>Meeting</b>	<b>3</b>
<b>Mischevious Conduct</b>	<b>1</b>
<b>Motorist Assist</b>	<b>2</b>
<b>NOTIFICATIONS</b>	<b>1</b>
<b>ON STREET PARKING</b>	<b>2</b>
<b>Open Door</b>	<b>9</b>
<b>Other Complaints</b>	<b>9</b>
<b>Parking Complaints</b>	<b>18</b>
<b>Phone</b>	<b>1</b>
<b>Public Service</b>	<b>6</b>
<b>Public Works</b>	<b>1</b>
<b>Railroad Call</b>	<b>1</b>
<b>Reckless Driving Complaints</b>	<b>3</b>
<b>Recovered</b>	<b>1</b>
<b>Report Writing</b>	<b>10</b>
<b>Repossessions</b>	<b>1</b>
<b>Road</b>	<b>1</b>

<b>SCHOOL RELATED DUTIES</b>	<b>1</b>
<b>SEX OFFENDER</b>	<b>1</b>
<b>Sick</b>	<b>2</b>
<b>STOLEN</b>	<b>1</b>
<b>Suspicious</b>	<b>24</b>
<b>Theft</b>	<b>3</b>
<b>Traffic Complaint</b>	<b>3</b>
<b>Traffic Stop</b>	<b>92</b>
<b>Training</b>	<b>4</b>
<b>Transport</b>	<b>2</b>
<b>Unlawful Visitation</b>	<b>1</b>
<b>Vehicle Maintenance</b>	<b>11</b>
<b>Walk in at Station</b>	<b>2</b>
<b>Welfare Check</b>	<b>2</b>
<b>Total</b>	<b>652</b>

END OF REPORT



## Beecher Police Department

### Accidents by Location

10/1/2017 12:00:00 AM to 11/1/2017 12:00:00 AM

**B1-17-0000271 - Control # 20170271**

10/5/2017 3:35:00 PM

1362 Dutch American Way

Inv. By: Hawkins, Jamie 143

1 - Driver Lau, Philip D

O - No Indication of Injury

1 - Driver Baumler, Brett E

O - No Indication of Injury

**B1-17-0000281 - Control # 20170281**

10/23/2017 12:04:00 PM

985 Keenan Ln

Inv. By: Hawkins, Jamie 143

1 - Driver Iwanus, Diana L

O - No Indication of Injury

2 - Parked - No Driver Borch, Gina R

**B1-17-0000269 - Control # 20170269**

10/4/2017 8:01:00 AM

W Church Rd / Dixie Hwy

Inv. By: Sipple, Roger 114

1 - Driver Witting, Colleen M

O - No Indication of Injury

1 - Driver Riechers, Stephen A

O - No Indication of Injury

**B1-17-0000266 - Control # 20170266**

10/2/2017 8:10:00 AM

W Indiana Ave / Dixie Hwy

Inv. By: Leroy, Andrew 117

1 - Driver Honeycutt, Stacey A

O - No Indication of Injury

1 - Driver Bernhard, Bruce V

O - No Indication of Injury

2 - Parked - No Driver Stedt, Claudia A

O - No Indication of Injury

**B1-17-0000278 - Control # 20170278**

10/19/2017 12:00:00 AM

W Indiana Ave / Maxwell St

Inv. By: Hawkins, Jamie 143

1 - Driver Hunter, John M

O - No Indication of Injury

1 - Driver RAPACZ, KAREN S

O - No Indication of Injury

## **COMMUNITY POLICING**

**OCTOBER 2017**

- 1. OCTOBER 9<sup>TH</sup> 2017 CONDUCTED A ROBBERY AWARENESS PRESENTATION FOR BANKS IN BRADLEY WITH EMA.**
- 2. OCT 13<sup>TH</sup> 2017 HOSTED POLICE DEPARTMENT OPEN HOUSE WITH MEMBERS OF THE POLICE DEPARTMENT. ABOUT 300 ATTENDED THE EVENT.**
- 3. OCTOBER 31<sup>ST</sup> 2017 MEMBERS OF THE BEECHER POLICE DEPARTMENT FOR THE SECOND TIME ON HALLOWEEN HANDED OUT CANDY TO THE TRICK OR TREATERS. ONCE AGAIN VERY WELL RECEIVED BY THE COMMUNITY. WAS A VERY UNEVENTFUL NIGHT AS TOWN WAS VERY WELL COVERED WITH EMA AND POLICE.**

## **EMERGENCY MANAGEMENT REPORT**

**OCTOBER 2017**

- 1. OCTOBER 9<sup>TH</sup> 2017 MEMBERS GORDON, HEIM, HILTON, AND RODRIQUEZ HELPED WITH A ROBBERY AWARENESS PRESENTATION ACTING AS ROLE PLAYERS. 4 HRS EACH TOTAL 16**
- 2. OCTOBER 9<sup>TH</sup> 2017 THE FOLLOWING MEMBERS HELPED WITH THE CHIEF'S FUNERAL DETAIL AND ATTENDED THE SERVICES. GORDON, HILTON, HEIM, RODRIQUEZ, S. MURRAY, K. MURRAY, CACKOWSKI AND GOLDRICK. 2HRS EACH TOTAL 16**
- 3. October 13<sup>th</sup> 2017 THE FOLLOWING MEMBERS ASSISTED THE BEECHER POLICE DEPARTMENT WITH OUR OPEN HOUSE AT THE POLICE DEPARTMENT. GOLDRICK, HILTON, GORDON, K. MURRAY AND S. MURRAY 3.5 HRS EACH TOTAL 17.5**
- 4. OCTOBER 24<sup>TH</sup> 2017 PROVIDED TRAFFIC CONTROL FOR BEECHER FIRE DEPARTMENT FATAL CAR CRASH. COUNTY LINE ROAD AND ROUTE #1. MEMBERS GOLDRICK, RODRIQUEZ, HEIM AND S. MURRAY RESPONDED. 3 HRS EACH TOTAL 12**
- 5. OCTOBER 31<sup>ST</sup> 2017 THE FOLLOWING MEMBERS ASSSITED THE BEECHER POLICE DEPARTMENT WITH PATROLING THE STREETS OF BEECHER AND HANDED OUT CANDY TO TRICK OR TREATERS. GOLDRICK, GORDON, HEIM, CACKOWSKI,**

**HILTON, S. MURRAY AND TATGENHORST. EACH MEMBER  
LOGGED 4HRS WITH THE EXCEPTION OF TATGENHORST  
WHO LOGGED 5HRS. TOTAL HRS 29**

**TOTAL HOURS LOGGED FOR OCTOBER 2017                      90.5**

## **CODE ENFORCEMENT MONTHLY REPORT**

**OCTOBER 2017**

- 1. OCTOBER 4<sup>TH</sup> 2017-PORTABLE SIGNS IN PARKWAYS. RP LUMBER, GOULD VAULT AND VARIOUS HIRING SIGNS THROUGH OUT VILLAGE. SIGNS HAVE BEEN REMOVED.**
- 2. OCTOBER 4<sup>TH</sup> 2017- 413 ORCHARD AVE. SPOKE WITH LANDLORD AND HE ADVISED THAT HE WOULD REMOVE TV LEFT BY RENTERS. TV WAS REMOVED.**
- 3. OCTOBER 16<sup>TH</sup> 2017-721 OAK PARK AVE. COMPLAINT OF YOUTHS ON LAWN TRACTORS. SPOKE WITH THE GRANDMOTHER REGARDING THE ISSUE AND ADVISED THAT IF FURTHER COMPLAINTS WERE RECEIVED THAT TICKETS MAY BE ISSUED.**
- 4. OCTOBER 16<sup>TH</sup> 2017 LINDEN AND DIXIE HIGH WEEDS. SPOKE WITH DEENIK LANDSCAPE AND WAS GIVEN TWO WEEKS TO CUT GRASS. A CHECK OF THE PROPERTY HAS FOUND THAT IT IS NOW IN COMPLIANCE.**
- 5. OCTOBER 17<sup>TH</sup> 2017 1121 DIXIE. BOARDED UP SIDE DOOR OF BUILDING. SPOKE WITH MR. BARBER AND MAYOR AND PROPERTY OWNER WILL BE GIVEN TIME TO FIX PROBLEM AS A NEW BUSINESS IS PLANNED FOR THE SITE AND WILL NEED THAT OPENING FOR A DRIVE-UP WINDOW. NO ACTION TAKEN AT THIS TIME.**

**6. OCTOBER 17<sup>TH</sup> 2017 719 WOODARD. CHECK FOR A DECK BEING BUILT. NO CONSTRUCTION AT THIS TIME-LOCATE ONLY.**

**7. OCTOBER 27<sup>TH</sup> 2017. CHECK PLACEMENT OF SPEED LIMIT SIGN ON BALD EAGLE. LT. EMERSON AND MYSELF SURVEYED THE LOCATION AND MADE THE RECOMMENDATION THAT THE SIGN BE MOVED BY PUBLIC WORKS. LT. EMERSON NOTIFIED PUBLIC WORKS.**

# **Village of Beecher**

## **Monthly Water Department Report**

**October 2017**

### **System Pumping Data**

**Total Gallons Pumped : 13,237,000    Monthly Average : 427,000**

**Peak Day : 492,000 Gal. October 15<sup>th</sup>**

### **Well Pumping Data**

**Well #3 Total Gallons : 6,098,000    Daily Average 197,000**

**Well #4 Total Gallons : 1,692,000    Daily Average 55,000**

**Well #5 Total Gallons : 5,447,000    Daily Average 176,000**

### **Chemical Usage**

**Total Pounds Chlorine used :365.6    Well #3:204.3    Well #4: 53.9    Well #5:107.4**

**Total Pounds Aqua Mag used :2,098    Well #3:1049    Well #4:282    Well #5:767**

**Total Gallons Flouride used :10.6    Well #4:4.8    Well #4: 0    Well #5:5.8**

### **Distribution System Data**

**Water Meters Repaired 0**

**New Meter Installed 6**

**Service Calls 4**

**Water Mains Repaired 0**

**New water Services 3**

**Shut – Offs 0**

**Hydrants Replaced 0**

**Hydrants Flushed 14**

**Julie Locates 22**

**Hydrants Repaired 0**

**Valves Replaced 0**

**Valves Repaired 0**

**B – Box Repaired 1**

**B-Box Replaced 2**

**Water Complaints 3**

**Service Lines Repaired 0**

November 7, 2017

Mr. Robert O. Barber  
Village Administrator  
Village of Beecher  
625 Dixie Highway  
Beecher, Illinois 60401

***Subject: Village of Beecher WWTP Monthly Board Report***

Dear Mr. Barber:

Following is the monthly report for the Village of Beecher WWTP for the month of October 2017.

- Submitted the DMR's for October with no permit violations. The plant continues to run very well.
- This month's preventive maintenance called for the following:
  - Greasing oxidation ditch rotors
  - Air Blower 500 hour maintenance
  - Air Blower 2 month maintenance
  - Clarifier monthly maintenance
- Superior Pump Co. re-piped the inlet piping for the non-potable water pumps. This eliminated the air leaks, and the pumps are now pumping as designed.
- One of the oxidation ditch bearings appeared to have gone bad. Superior Pump was on site and found that the bearing was actually in good shape, but that the set screw holding the bearing onto the shaft had failed. The bearing and shaft were in good shape, so he installed a new set screw and the rotor was put back in service.
- We're going to discontinue sending in certain samples to Arro Lab for analysis. The samples that are no longer needed are the samples that provide us with the solids content of the oxidation ditch. It's consistently the same, and since we can only waste a certain amount of sludge each day, the solids content does not dramatically change. While these are not terribly expensive tests, it will save some money each month for lab analysis.

Sincerely,

BAXTER & WOODMAN, INC.  
CONSULTING ENGINEERS

John D. Szvedo



# Village of Beecher Sewer Department

## Monthly Report

Month: **October**

Year: **2017**

Total Gallons-MGD

Influent: 27,220,000

Effluent: 28,190,000

Daily Maximum: 2,290,000

Minimum: 440,000

Average Daily Flow: 910,000

Excess Flow: 1,430,000

Chlorine Used (Lbs.) 60

Excess Treated: 0

Rainfall/Precipitation Inches: 6.9

Return Sludge: 24,180,000

Dry Sludge Removed (Cubic Yards): 0

Liquid Sludge Hauled Gallons: 0

### Laboratory Information

5 Day CBOD	5.45 mg/l	(Daily max)	6.7 mg/l
Total Suspended Solids	5.8 mg/l	(Daily max)	6.4 mg/l
Ammonia Nitrogen	0.12 mg/l	(Daily max)	0.13 mg/l

### Influent

Average BOD	173.75 mg/l	Average TSS	80.50 mg/l
-------------	-------------	-------------	------------

**Village of Beecher**  
625 Dixie Highway  
PO Box 1154  
Beecher, Illinois 60401  
Phone: 708-946-2261  
Fax: 708-946-3764  
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President  
Greg Szymanski  
Clerk  
Janett Conner  
Administrator  
Robert O. Barber

Trustees  
Scott Wehling  
Jonathon Kypuros  
Marcy Meyer  
Frank Basile  
Stacy Mazurek  
Todd Kraus

## WATER BILLING REGISTER REPORT

Billing Period: September-October, 2017

Gallons Pumped	Gallons Billed	Difference	Pumped/Billed Ratio	Water Loss
29,120,000	18,595,000	10,525,000	63.86%	36.14%
Flushing Program	1,600,000	8,925,000	69.35%	30.65 %

This compares to the pumped/billed ratio of 67.91% for the same period last year and the 30 year average of 69%.

# of water accounts: 1,688 (increase of 11)      **BREAKDOWN OF WATER CHARGES**

Amount billed for water: \$122,008.40      Watermain Replacement Flat Charge: \$6,752.00

# of sewer accounts: 1,695 (increase of 19)      Watermain Replacement \$1 Rate: \$18,595.00

Amount billed for sewer: \$83,174.70      Over 30,000gl \$1/1,000gl surcharge: \$2,405.00  
(2,405,000gl billed this period over 30,000)

Amount billed for sewer debt: \$18,316.86

Water Rate for Operations: \$94256.64  
(Standard rate)

# of accounts on lift station charges: 307 (increase of 2)

Amount charged for lift station usage: \$1,857.76

# of refuse accounts: 1,574 (increase of 20)

Amount billed for refuse: \$54,215.07

New Meter Charges: \$450.00

Mosquito Charges: \$3,391.04

Accrued Payables/Receivables charged to System: (\$-9,941.84)

Total amount billed this period: \$283,413.83

<b>Table B-2 Snapshot of high water loss within distribution systems</b>							
<b>Name</b>	<b>State</b>	<b>Volume Input (MG/Year)</b>	<b>Water Losses (MG/Year)</b>	<b>Loss Percentage</b>	<b>Population Served</b>	<b>Per Capita Loss in Gallons/Year</b>	<b>Value of Losses (2008 Yr USD)</b>
Philadelphia Water Department	PA	97,637	30,448	31.18%	1,670,000	58,465	\$32,272,301
Cleveland Division of Water	OH	94,000	27,000	28.72%	1,500,000	62,667	\$28,617,713
Memphis Light, Gas & Water	TN	54,798	8,330	15.20%	908,222	60,335	\$8,829,094
Cincinnati Water Works	OH	47,047	8,303	17.65%	900,000	52,274	\$8,800,477
Jefferson Parish Water Department	LA	25,098	6,055	24.12%	425,108	59,039	\$6,417,787
Portland Water District	ME	9,293	1,678	18.06%	190,000	48,911	\$1,778,538
Ann Arbor Utilities Department	MI	6,222	1,604	25.78%	163,500	38,055	\$1,700,104
Duluth/ Public Works & Utilities/ Water	MN	8,774	1,424	16.23%	99,600	88,092	\$1,509,319
North Penn Water Authority	PA	3,311	538	16.25%	80,000	41,388	\$570,234
Waterloo Water Works	IA	5,212	812	15.58%	75,000	69,493	\$860,651
Lorain Utilities Department	OH	4,250	850	20.00%	74,000	57,432	\$900,928
Madison County Water Department	AL	2,326	623	26.77%	67,200	34,613	\$660,327
Elmira Water Board	NY	2,509	634	25.27%	65,000	38,600	\$671,986
Lebanon Authority	PA	2,371	500	21.08%	57,000	41,596	\$529,958
Selmer Utility Division	TN	800	200	25.00%	55,000	14,545	\$211,983
Renton	WA	2,666	498	18.66%	51,140	52,131	\$527,838
Williamsport Municipal Water Authority	PA	2,610	917	35.13%	51,000	51,176	\$971,942
Albany	OR	3,163	788	24.91%	41,000	77,146	\$835,213
Eastpointe Water and Sewer	MI	1,386	359	25.88%	34,077	40,673	\$380,510
Lake County East Utilities	OH	1,394	219	15.72%	26,650	52,308	\$232,121
Paradise Irrigation District	CA	2,801	464	16.57%	26,000	107,731	\$491,801
Cordele	GA	4,911	746	15.19%	21,600	227,361	\$790,697

<b>Table B-2 Snapshot of high water loss within distribution systems</b>							
<b>Name</b>	<b>State</b>	<b>Volume Input (MG/Year)</b>	<b>Water Losses (MG/Year)</b>	<b>Loss Percentage</b>	<b>Population Served</b>	<b>Per Capita Loss in Gallons/Year</b>	<b>Value of Losses (2008 Yr USD)</b>
Shoshone Municipal Pipeline	WY	4,911	746	15.19%	21,600	227,361	\$790,697
Piqua Municipal Water System	OH	721	152	21.10%	20,500	35,171	\$161,107
Fredericksburg	VA	1,460	365	25.00%	20,000	73,000	\$386,869
Clearfield Municipal Authority	PA	487	115	23.61%	17,000	28,647	\$121,890
Bellingham DPW	MA	598	140	23.43%	15,000	39,867	\$148,388
Miami Utility Dept.	OK	788	210	26.61%	14,500	54,345	\$222,582
Glens Falls Water Department	NY	1,364	334	24.48%	13,000	104,923	\$354,012
City of Converse-Public Works	TX	501	150	29.85%	11,508	43,535	\$158,987
Spencer Municipal Utilities	IA	585	93	15.90%	11,500	50,870	\$98,572
Anson County Water System	NC	2,467	614	24.87%	11,200	220,268	\$650,788
Berea College Utilities	KY	851	154	18.10%	11,000	77,364	\$163,227
Crossett Water Commission	AR	512	85	16.52%	9,000	56,889	\$90,093
Warren County Utility District	TN	600	100	16.67%	7,200	83,333	\$105,992

Source: AWWA, 2003

\* Greater than 15% total water loss, of which more than 50% was real loss.

Table A-2 shows unaccounted for water standard for selected states

Table A-2 Selected State Standards for Unaccounted-for Water		
State	Agency	Standard
Arizona	Department of Water Resources	10% (large) 15% (small)
California	Urban Water Conservation Council	10%
Florida	Southwest Florida Water Management District	12% or less
Florida	St. Johns River Water Management District	10%
Georgia	Environmental Protection Division	Less than 10%
Indiana	Department of Environmental Management	10 to 20%
Kansas	Kansas Water Office	15%
Kentucky	Department of Energy, Water and Sewer Branch	15%
Louisiana	Department of Environmental Quality	15%
Massachusetts	Department of Environmental Protection	15%
Minnesota	Department of Natural Resources	10%
Missouri	Department of Natural Resources	10%
North Carolina	Division of Water Resources	15%
Ohio	Public Utility Commission and Environmental Protection Agency	15%
Oregon	Water Resources Division	10-15%
Pennsylvania	Public Utility Commission	20%
Pennsylvania	Bureau of Water and Wastewater Management	10-15%
Rhode Island	Water Resources Board	10-15%
South Carolina	Public Service Commission	7.5%
South Carolina	Department of Health and Environmental Control	10%
Texas	Water Development Board	10 to 15%
Texas	Natural Resources Conservation Commission	20%
Washington	Department of Health	20% (10% proposed)
West Virginia	Public Service Commission	15%
Wisconsin	Public Service Commission	15% (large) 25% (small)
Delaware River Basin Commission	Delaware River Basin Commission	15%

It should be noted that, since the completion of the survey report in 2002, a number of the above-listed agencies have implemented new requirements for regular water audits using the AWWA/IWA water audit methodology, and no longer employ an “unaccounted-for” percentage as a performance indicator. These include the California Urban Water Conservation Council, Delaware River Basin Commission and agencies in the states of Georgia, Pennsylvania, and Texas.

## Appendix B - Miscellaneous Data

Table B-1 Estimated per/Capita/Day Water Use by State						
State	Abbrev.	Gal/ Day/ Capita		State	Abbrev.	Gal/ Day/ Capita
Alabama	AL	100		Nebraska	NE	115
Alaska	AK	79		Nevada	NV	213
Arizona	AZ	150		New Hampshire	NH	71
Arkansas	AR	106		New Jersey	NJ	75
California	CA	147		New Mexico	NM	135
Colorado	CO	145		New York	NY	119
Connecticut	CT	70		North Carolina	NC	67
Delaware	DE	78		North Dakota	ND	86
Dist. Of Columbia	DC	179		Ohio	OH	50
Florida	FL	111		Oklahoma	OK	85
Georgia	GA	115		Oregon	OR	111
Hawaii	HI	119		Pennsylvania	PA	62
Idaho	ID	186		Puerto Rico	PR	67
Illinois	IL	90		Rhode Island	RI	76
Indiana	IN	76		South Carolina	SC	81
Iowa	IA	66		South Dakota	SD	85
Kansas	KS	86		Tennessee	TN	143
Kentucky	KY	70		Texas	TX	218
Louisiana	LA	124		Utah	UT	80
Maine	ME	58		Vermont	VT	75
Maryland	MD	105		Virginia	VA	138
Massachusetts	MA	66		Washington	WA	74
Michigan	MI	77		West Virginia	WV	52
Minnesota	MN	148		Wisconsin	WI	163
Mississippi	MS	123		Wyoming	WY	48
Missouri	MO	86		Virgin Islands	VI	23
Montana	MT	129		United States Avg.		105
Source: Soley et al. Water Distribution System Handbook, Larry W Mays.2000 Pub. McGraw-Hill						

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## Acceptable Water Loss in Distribution System

[thread194-333292](#)

Hi Everyone,

What would be an acceptable percentage of water loss within a distribution system ?

The amount of water loss due to breaks and all bleeders are accounted for through either the Water Treatment Plant or the appropriate meters however, the percent of unaccounted for water still ranges between %15-%35. What could be the cause of this fluctuation? Is this amount of loss normal?

Thanks,

Goss

It depends on many factors and there is no universal standard, but if you want a single number, then 10% water loss is probably a realistic number for an efficiently operated water utility.

"The difference between water pumped or purchased and water that is metered or confidently estimated. Unaccounted for water should include, meter problems (i.e. master meter inaccuracies, domestic and non-domestic meter under-registration, etc.), unauthorized hydrant openings, unavoidable leakage, recoverable leakage, illegal connections, stand-pipe overflows and data processing errors."

See the report:

[www.awwa.org/files/science/WaterLoss/AWWA-WaterLos...](http://www.awwa.org/files/science/WaterLoss/AWWA-WaterLoss...)

Thanks for the info!

I'm dealing with this very issue for a local municipality and the amount of "lost water" will be related to all the factors mentioned above as well as the age of the system, whether or not fire fighting related usage is metered (my current client does not) and if public buildings are metered (many municipalities do not meter their own usage). Currently this entity has a 33% loss in their system

It's called a leak!!

Western Colorado 15% to 20% is common

A lot can depend upon your location . In Southern California, where droughts are somewhat common, even a 10% loss is a problem. I suppose the opposite is true if you live in a rain forest.

Many techniques are available to locate problem areas in water pipes: pressure tests, video camera, etc. Its prudent operations of a water company to know where problems areas are located in the system and factor them into the routine maintenance program. Remember, the original water network probably didn't take into account large water losses.

So, in case of a fire, or high demand day, the system (including the reservoir) may not be able to perform up to standards. 35% water loss may not be a lot if you have plenty of water, but it is a very big deal if the fire department suddenly loses water pressure.

I wonder how much water loss there is in Boston, MA as they get their water from Quabbin reservoir some 90+ miles away. I heard that Boston still has wooden pipes.

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## Water Loss Control Terms Defined

### Why the terms 'unaccounted-for' water and 'unaccounted-for percentage' just don't work!

Tracking water loss in drinking water utilities as the percentage of the estimated losses over the volume supplied is believed to have been first documented in the 1957 AWWA Committee Report "Revenue Producing vs. Unaccounted-for Water." In the ensuing decades after this paper was published many state and regional water regulatory agencies adopted statutes or regulations that attempted to gauge water loss based upon this loss/supplied percentage.

Unfortunately, there has been little verifiable reduction in losses by these agencies, largely because there are numerous shortcomings in this approach. Since the publication of its 2003 Committee Report "Applying Worldwide Best Management Practices in Water Loss Control,"

AWWA has recommended against the use of the terms "unaccounted-for" water and "unaccounted-for water percentage." Instead, water utilities should employ the term "Non-revenue" Water and the performance indicators in the IWA/AWWA Water Audit Method.

### Problems with the term 'unaccounted-for' water

While the term "unaccounted-for" water appears to be self-explanatory, it suffers from inconsistent use and interpretation. The concept is to identify the collective volume of water that a water utility supplies to its distribution system that is not reflected in customer billing volumes.

The Water Loss Task Force of the International Water Association found that the definition of the term "unaccounted for" varied so much in different jurisdictions around the world that it was impossible to conduct reliable performance comparisons using the term.

Many water utilities and regulatory agencies have varying definitions for "accounted for" vs. "unaccounted for" water volumes. For instance, some definitions allow a certain volume of leakage – deemed "unavoidable" leakage – to be included as "accounted-for" water. Similarly, utility personnel have sometimes classified leaks that are known to exist in inaccessible locations (such as pipelines under streams or rivers) as "accounted-for" water. In the IWA/AWWA Water Audit Method, all types of leakage – regardless of size or difficulty of repair – are included under the heading of Real Losses.

The IWA/AWWA Water Audit Method states that all volumes of water supplied to distribution go to either beneficial consumption or wasteful loss. Hence, there is no "unaccounted-for" water since all of the water is "accounted for" in this method.

The term "Non-revenue" Water is defined to reflect the distributed volume of water that is not reflected in customer billings. Non-revenue Water however, is specifically defined as the sum of Unbilled Authorized Consumption (water for firefighting, flushing, etc.) plus Apparent Losses (customer meter inaccuracies, unauthorized consumption and systematic data handling errors) plus Real Losses (system leakage and storage tank overflows). In this way, the term "Non-revenue"



Water includes the sum of the varied and disparate types of losses and authorized unbilled consumption typically occurring in water utilities.

### **Problems with the performance indicator 'unaccounted-for percentage'**

Some water utilities attempt to express their water loss standing by quoting their "unaccounted-for" percentage, which typically takes some form of:

$$\text{(Volume of Water Supplied minus Volume of Customer Billed Water) / (Volume of Water Supplied)}$$

Some will alternatively quote the inverse, referred to as the "metered water ratio," as

$$\text{(Volume of Customer Billed Water) / (Volume of Water Supplied)}$$

Using percentage indicators such as the above to assess water loss standing in water utilities gives misleading and unreliable measures of utility performance because:

- This type of performance indicator is mathematically skewed
- It is impossible to reliably represent multiple types of non-revenue water typically occurring in a water utility with a single simplistic percentage
- A simple percentage reveals nothing about water volumes and costs, the two most important factors in water loss assessments of water utilities

The mathematical flaws of the percentage indicator stem from the fact that the percentage is unduly affected by varying levels of customer consumption. This is demonstrated in the following two examples:

#### **Example 1 (hypothetical)**

A water utility supplies water to a small community. It supplies an average of 6 million gallons per day (mgd) from its water treatment plant. Over the course of a year, it bills the equivalent of 5 mgd. In this case, it is taken that the sum of unbilled authorized consumption, apparent losses and real losses in the water utility average 1 mgd (6 mgd – 5 mgd). The simple "unaccounted-for" percentage is calculated as:

$$\text{UAF \%} = (6-5) / 6 = 16.67\%$$

Assume that a beverage bottling plant is constructed in the community and launches operation as a very large water consumer that draws an average of 1.5 mgd from the water utility. The water utility now produces an additional 1.5 mgd and bills 1.5 mgd more than previously. The UF% is calculated as:

$$\text{UAF \%} = (7.5-6.5) / 7.5 = 13.33\%$$

Comparing the two percentage values, it appears that the water utility has improved its water loss standing by 3.34%

$$\text{Improvement} = 16.67\% - 13.33\% = 3.34\%$$

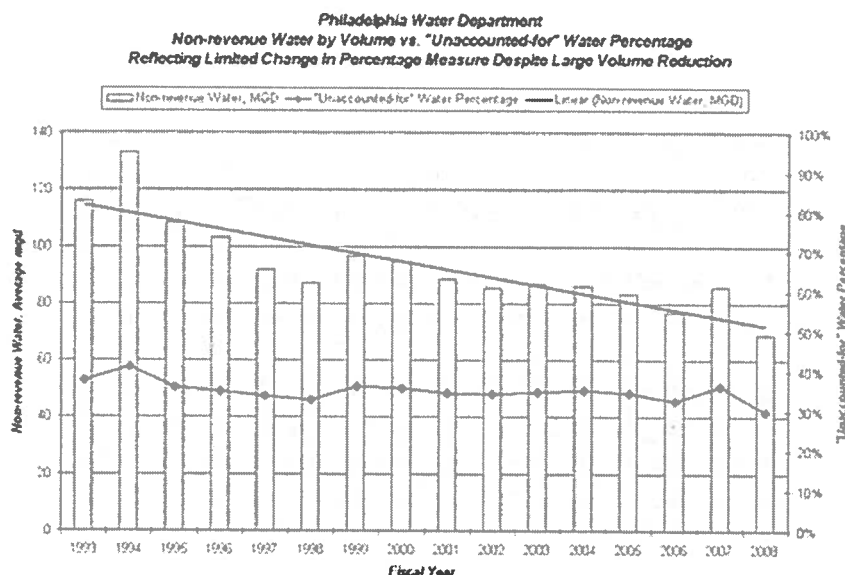
However, the volume of non-revenue water remains the same at 1 mgd after the bottling plant is established. The volume of non-revenue water is unchanged, but the UAF% misleadingly suggests that the utility's water loss control has

improved. Because the volume of customer consumption has changed (increased) relative to the loss volume the percentage decreases, despite no change in the non-revenue water volume of 1 mgd.

### Example 2 (actual)

The City of Philadelphia Water Department (PWD) has focused strongly on water accountability and efficiency over the past 15 years. By enacting a number of improvements to refine its water auditing and control both apparent and real losses, PWD has seen noticeable reductions in Non-revenue Water. However, over the same period of time, the aggregate volume of customer consumption in the PWD service area has also dropped notably due to a shrinking population, gradual implementation of low-flow toilets and customer conservation.

The graph shown in Figure 1 illustrates the weakness of the UAF% in assessing PWD's water loss standing. On a volume basis, PWD has achieved significant reductions in Non-revenue Water, which existed at levels well over 100 mgd for many years, but has been reduced to 74.9 mgd at the close of the 2008 fiscal year. Despite this success, PWD's calculation of a UAF% shows values consistently remaining between 30% and 40%. The two lines on the graph show the stark differences, with Non-revenue Water volume decreasing steadily, while the UAF% trend remains essentially flat. This occurs due to the fact that PWD's customer consumption continues to decrease relative to the decrease in its loss volume, resulting in a UAF% trend with little variation. Measuring PWD's water loss standing by the UAF% gives a completely unrealistic – and opposite – assessment of its water loss control success.



**Figure 1. Over the past 15 years, the City of Philadelphia Water Department has made great reductions in non-revenue water.**

The IWA/AWWA Water Audit Method relies upon the quantification of water volumes, costs and system characteristics as input to several performance indicators to reveal water loss standing. It does not rely on a single, simplistic percentage such as UAF%. Instead, it employs distinct performance indicators on global water supply, apparent losses, and real losses.

Having the use of several robust, detailed performance indicators instead of a single, simplistic indicator is a vastly superior means by which to assess water loss standing in water utilities.

AWWA recommends against use of the term "unaccounted-for" water and the "unaccounted-for water percentage." Instead, it recommends use of the term Non-revenue Water and the array of performance indicators included in the IWA/AWWA Water Audit Method.