



12 South Center Street
Bensenville, IL 60106

Office: 630.350.3404
Fax: 630.350.3438
www.bensenville.il.us

VILLAGE BOARD

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September 3, 2019

Mr. James Brill
White Pines Community Alliance

Re: September 2, 2019 FOIA Request

Dear Mr. Brill:

I am pleased to help you with your September 2, 2019 Freedom of Information Act ("FOIA"). The Village of Bensenville received your request on September 3, 2019. You requested copies of the items indicated below:

"Any document submitted, written or received related to the case of Gina Mellenthin vs The Village of Bensenville or any of its employees, trustees or board members, between the dates of August 15, 2019 and this present date that have not already been sent to the White Pines Community Alliance in response to previous FOIA requests."

After a search of Village files, the following information was found responsive to your request:

- 1) DuPage County Circuit Court Case No. 18CH001065 Amended Complaint Dated 8/30/2019. (165 pgs.)

These are all the records found responsive to your request.

Do not hesitate to contact me if you have any questions or concerns in connection with this response.

Very truly yours,

Corey Williamsen
Freedom of Information Officer
Village of Bensenville

**IN THE CIRCUIT COURT OF THE EIGHTEENTH JUDICIAL DISTRICT
DUPAGE COUNTY, WHEATON, ILLINOIS**

GINA MELLENTIN, KURT IGLEMAN,
CELESTE SHAW, AND PHIL ADCOCK,

Plaintiffs,

v.

VILLAGE OF BENSENVILLE

Defendant.

Chris Kachiroubas
e-filed in the 18th Judicial Circuit Court
DuPage County
ENVELOPE: 6399572
2018CH001065
FILEDATE: 8/30/2019 12:31 PM
Date Submitted: 8/30/2019 12:31 PM
Date Accepted: 8/30/2019 2:04 PM
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No.: 18 CH 001065

Judge Bonnie Wheaton

AMENDED COMPLAINT

NOW COMES, the Plaintiffs, GINA MELLENTIN, KURT IGLEMAN, CELESTE SHAW, AND PHIL ADCOCK, pleading in the alternative pursuant to 735 ILCS 5/2-613, by and through their attorneys, Matton and Werwas, P.C., with their Amended Complaint, and in support thereof state as follows:

PARTIES

1. Village of Bensenville is a municipality located in DuPage County.
2. Gina Mellenthin is a resident of unincorporated Bensenville of DuPage County.
3. Kurt Igleman is a resident of unincorporated Bensenville of DuPage County.
4. Celeste Shaw is a resident of unincorporated Bensenville of DuPage County.
5. Phil Adcock is a resident of unincorporated Bensenville of DuPage County.

FACTS

6. The Plaintiffs in this lawsuit are similarly situated Plaintiffs and are all unincorporated owners within the Village of Bensenville.
7. The Village of Bensenville is in charge of the unincorporated owners water service.
8. The Plaintiff unincorporated owners cannot vote for the Village of Bensenville representatives and trustees.
9. The Plaintiff unincorporated owners have been contributing funds through their water bill to a capital fund called “Unincorporated Utility Fund” for capital improvements to the unincorporated owners water system.
10. The Unincorporated Utility Fund was established in the 1980’s to finance major capital improvements to the water system exclusively in unincorporated areas. See Group Exhibit A.
11. The Unincorporated Utility Fund is defined as “accounts for deposits made by the unincorporated water and sewer utility users with the intent of providing various water and sewer system improvements that would directly benefit those depositors. See Exhibit B.
12. The amounts paid into the Unincorporated Utility Fund is set forth via Ordinance. See Group Exhibit C.
13. The Village of Bensenville refuses to answer questions regarding the water rates and formulas from inception through today. See Exhibit D.
14. The Village of Bensenville trustees and representatives are supposed to put the funds received from the unincorporated owners into the Unincorporated Utility Fund.

15. The Village of Bensenville trustees and representatives have not been putting the funds received from the unincorporated owners into the Unincorporated Utility Fund. See Group Exhibit E.

16. The amount that is showing at the end of year 2017 in the Unincorporated Utility Fund is \$912,081. See Group Exhibit E.

17. From at least 2013 through the present, the receivables are \$0 that have been attributed by the Village of Bensenville to the Unincorporated Utility Fund. See Group Exhibit E.

18. There should be approximately an additional \$300,000.00 in the Unincorporated Utility Fund because for the years 2013 through the present, \$0 were attributed by the Village of Bensenville to the Unincorporated Utility Fund.

19. There should be approximately an additional \$60,000.00 of funds attributed each year for years 2013 through the present by the Village of Bensenville to the Unincorporated Utility Fund.

COUNT I (BREACH OF FIDUCIARY DUTY)

20. Plaintiffs restate and incorporate paragraphs 1 through 19 herein.

21. Defendant has knowingly and recklessly and in bad faith violated fiduciary duties of care, loyalty, good faith, and independence owed to the Plaintiff unincorporated owners.

22. Defendant has breached its fiduciary duties of loyalty, good faith, and independence owed to the Plaintiffs because it did not place the funds received from Plaintiffs into the Unincorporated Utility Fund.

23. As a result of the Defendant's breach of its fiduciary duties, Plaintiffs have and will continue to suffer irreparable injury in that the monies that have been paid to the Unincorporated Utility Fund have disappeared.

24. At least \$300,000.00 that is supposed to be used to pay for capital improvements to the unincorporated residents' water system is missing from the Unincorporated Utility Fund.

25. Unless enjoined by this Court, the Defendant will continue to breach its fiduciary duty owed to Plaintiffs to the irreparable harm of Plaintiffs and will continue to do so until Defendant conforms with the intention of the Unincorporated Utility Fund.

COUNT II (BREACH OF CONTRACT)

26. Plaintiffs restate and incorporate paragraphs 1 through 19 herein.

27. Because Plaintiffs' were required to pay into the Unincorporated Utility Fund by the Village of Bensenville, a contract was formed with each Plaintiff.

28. Each Plaintiff performed by paying their share into the Unincorporated Utility Fund.

29. Defendant breached its contract with each Plaintiff by misallocating at least \$300,000.00 from 2013 through the present, creating a loss for each Plaintiff.

30. As a result of the Defendant's breach, Plaintiffs have and will continue to suffer irreparable injury in that the monies that have been paid to the Unincorporated Utility Fund have disappeared.

31. As a direct and proximate cause of Defendant's actions, and as of today, Plaintiffs incurred damages in an amount of at least \$300,000.00.

COUNT III (UNJUST ENRICHMENT)

32. Plaintiffs restate and incorporate paragraphs 1 through 19 herein.

33. Because Plaintiffs' were required to pay into the Unincorporated Utility Fund by the Village of Bensenville, an agreement was formed with each Plaintiff.

34. Each Plaintiff performed by paying their share into the Unincorporated Utility Fund.

35. Defendant breached its agreement with each Plaintiff by misallocating at least \$300,000.00 from 2013 through the present, unjustly enriching itself to the detriment of each Plaintiff.

36. As a result of the Defendant's breach, Plaintiffs have and will continue to suffer irreparable injury in that the monies that have been paid to the Unincorporated Utility Fund have disappeared.

37. As a direct and proximate cause of Defendant's actions, and as of today, Plaintiffs incurred damages in an amount of at least \$300,000.00.

WHEREFORE, Plaintiffs, GINA MELLENTHIN, KURT IGLEMAN, CELESTE SHAW, and PHIL ADCOCK, ask this court to enter an Order against Defendant for a full accounting and return of the funds to the Unincorporated Utility Fund and for whatever else this Court deems just.

Respectfully submitted,

/s/ Keith H. Werwas

Keith H. Werwas

Matton and Werwas, P.C.
Attorneys for Plaintiff, Mellenthin
134 N. LaSalle Street
Suite 1040
Chicago, IL 60602
(312)236-6800
kwerwas@mattonandwerwas.com
DuPage Attorney No.: 328992

STATE OF ILLINOIS

UNITED STATES OF AMERICA

COUNTY OF DU PAGE

IN THE CIRCUIT COURT OF THE EIGHTEENTH JUDICIAL CIRCUIT

Gina Mellenthin, Kurt Igleman, Celeste Shaw, et al

Plaintiff,

v.

Village of Bensenville

Defendant,

18 CH 001065

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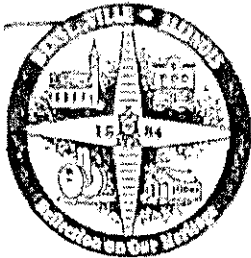
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EXHIBIT COVER SHEET

Local Court Rules 5.06 and 5.09

EXHIBIT NAME: Group Exhibit A**TITLE OF DOCUMENT THIS EXHIBIT BELONGS WITH:**Amended Complaint**Document File Date:** August 30, 2019*(The file date of the document this exhibit belongs with)***EXHIBIT FILED ON BEHALF OF:** Gina Mellenthin, Kurt Igleman, Celeste Shaw, and Phil Adcock*(Case Party Name)*Submitted by: Keith H. WerwasName: Matton and Werwas, P.C. ☐ Pro SeDuPage Attorney Number: 328992Attorney for: PlaintiffsAddress: 134 N. LaSalle Street, Suite 1040City/State/Zip: Chicago, IL 60602Telephone Number: 312-236-6800Email: kwerwas@mattonandwerwas.com

GROUP EXHIBIT A



Village of Bensenville

750 W. Irving Park Road
Bensenville, Illinois 60006
(708) 766-3300 Fax (708) 350-0260

AN ILLINOIS



July 16, 1996

Unincorporated Water and Sewer Customer

RE: Unincorporated Utility Reserve

As many of you know, the Village has collected a surcharge on water and sewer since the late 1980's to finance major capital improvements to the water system exclusively in unincorporated areas. These funds have been used for the looping of water mains which improves the flow, thereby enhancing water quality and provides a more dependable fire flow. This work is a prelude to the water main work that primarily needs to be done in the White Pines portion of our unincorporated utility area for the redirecting of the water transmission system from rear yards to the street.

Again for those of you who are not aware of the history, there were numerous water main breaks in rear yards in past years that were the result oftentimes of old pipe in "hot" or acidic soil which breaks down the metal material of the pipe. Also when a water main break took place in people's rear yards, significant damage was done to not only the easement at the rear of people's yards, but also from having a backhoe enter onto people's properties to excavate for the repair. For both of the aforementioned reasons, the long term plan is to replace water mains in the street right-of-way as funds are accumulated.

Attached you will find the list of projects that benefit your area. We have funded projects for the unincorporated areas as funds become available. As of this date, reserves are \$107,456. When enough funds become available, we will fund the next unincorporated project.

Unfortunately as with many topics of discussion, people have distorted the facts concerning the unincorporated utility reserve. We have not used these funds for repair or replacement of individual hydrants, except as part of an extension of water main service in an unincorporated area, or for any of the water main breaks or valve problems that we encountered in your development. All of the aforementioned work, with the exclusion noted, is part of our routine maintenance and paid for by the general water and sewer fees, not with the surcharge.

I hope the aforementioned information and the attached numbers answer many of the questions that have been asked. Several times in the past, we have presented information at meetings concerning the unincorporated utility reserve and have discussed this issue with several individual homeowners in the unincorporated areas. If you should have any further questions, please contact the undersigned or Tom Truty, Director of Management Services, at 766-8200.

Sincerely yours,

Michael S. Allison
Village Manager

MSA/ld

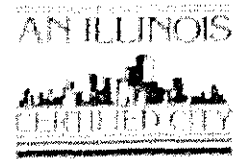
Attachment: Accounting Unincorporated Utility Reserve

cc: President and Village Board
Tom Truty, Director of Management Services
Paul Bourke, Director of Public Works
Robert Glees, Director of Community Development



Village of Bensenville

700 W. Irving Park Road
Bensenville, Illinois 60106
(630) 766-5200 Fax (630) 230-0780



August 27, 1997

Unincorporated Water and Sewer Customers

In July of 1996 and January of 1997, I sent you correspondence in reference to the status of the unincorporated utility reserve, including in the January correspondence a list of priorities for unincorporated utility improvements. The purpose of these two letters were, first, to outline again the basis of the unincorporated utility reserve and, secondly, to point out specific projects that we were identifying for future construction.

Again, there seems to be a problem with people's perception as it pertains to both the surcharge and the use of these funds. As we stated in the original correspondence of December 23, 1986, we have established a fund to "deposit monies from the line replacement charge to perform these improvements in the system." There has been a contention that the improvements do not directly benefit some of the specific areas within the unincorporated area served by the Village, such as White Pines. As I indicated in the 1986 letter, the funding is very limited and these improvements will be very slow in occurring because of the large dollar amount needed, approximately \$2.5 million at this time, versus a collection of approximately \$60,000 per year. To date, we have spent \$529,096 on projects. The improvements constructed to date, while positively impacting a number of homes, also provide an overall benefit to the unincorporated system since they reduce dead-end mains in a number of areas and provide a more reliable water source for both fire flow and domestic use. In other words, we first need to improve the delivery system for the unincorporated area and then, as needed, we will work on line replacement or extension on a priority basis.

The process of improvements can be expedited by increasing the monthly surcharge. We will entertain any interest in changing the surcharge to accomplish a shorter improvement schedule.

There has also been an accusation made that we are contemplating extending the lines north of Third Avenue to encourage annexation. At this time, many of the homes that either benefit from current water service or do not have water service are not contiguous with the Village of Bensenville and, therefore, could not annex into the Village. Again, it is our desire to increase the reliability of the system and this first addresses the delivery of water which means reducing dead-end mains which exist in a number of areas north of Third Avenue.

As of this date, the President and Village Board have not decided on specific projects to proceed with in 1998, however, my previous correspondence provides a general outline of unincorporated priority improvements. We will only be able to do a limited number of these projects in 1998.

We want to emphasize that we have been consistent in our application of these funds for unincorporated improvements and are proceeding with these improvements on a priority basis. Please call if you should have any questions or comments.

Sincerely yours,


Michael S. Allison
Village Manager

STATE OF ILLINOIS

UNITED STATES OF AMERICA

COUNTY OF DU PAGE

IN THE CIRCUIT COURT OF THE EIGHTEENTH JUDICIAL CIRCUIT

Gina Mellenthin, Kurt Igleman, Celeste Shaw, et al

Plaintiff,

v.

Village of Bensenville

Defendant,

18 CH 001065

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EXHIBIT COVER SHEET

Local Court Rules 5.06 and 5.09

EXHIBIT NAME: Exhibit B

TITLE OF DOCUMENT THIS EXHIBIT BELONGS WITH:

Amended Complaint

Document File Date: August 30, 2019

(The file date of the document this exhibit belongs with)

EXHIBIT FILED ON BEHALF OF: Gina Mellenthin, Kurt Igleman, Celeste Shaw, and Phil Adcock

(Case Party Name)

Submitted by: Keith H. Werwas

Name: Matton and Werwas, P.C. ☐ Pro Se

DuPage Attorney Number: 328992

Attorney for: Plaintiffs

Address: 134 N. LaSalle Street, Suite 1040

City/State/Zip: Chicago, IL 60602

Telephone Number: 312-236-6800

Email: kwerwas@mattonandwerwas.com

EXHIBIT B

NON-MAJOR SPECIAL REVENUE FUNDS

A SPECIAL REVENUE FUND IS USED TO FINANCE PARTICULAR ACTIVITIES AND IS CREATED OUT OF REVENUE OF SPECIFIC TAXES OR OTHER EARMARKED REVENUE. SUCH FUNDS ARE AUTHORIZED BY STATUTORY PROVISIONS TO PAY FOR CERTAIN ACTIVITIES WITH SOME SPECIAL FORM OF CONTINUING REVENUE. THE FOLLOWING ARE THE VILLAGE'S ACTIVE SPECIAL REVENUE FUNDS:

Dist-A-Pas Fund - Accounts for the subsidies received from PACE and bus fares collected to fund operating costs of the local transit system.

Motor Fuel Tax Fund - Accounts for the state allotments used to fund street maintenance approved by the State of Illinois.

Illinois Municipal Retirement Fund - Accounts for the specific levy of taxes to fund payments to the state controlled Pension Fund.

Social Security Retirement Fund - Accounts for the specific levy of taxes to fund payments to the federal controlled Pension Fund.

Police Forfeiture Fund - Accounts for monies received from drug seizures to fund drug prevention programs.

Unincorporated Utility Fund - Accounts for deposits made by the unincorporated water and sewer utility users with the intent of providing various water and sewer system improvements that would directly benefit those depositories.

STATE OF ILLINOIS

UNITED STATES OF AMERICA

COUNTY OF DU PAGE

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Gina Mellenthin, Kurt Igleman, Celeste Shaw, et al

Plaintiff,

v.

Village of Bensenville

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EXHIBIT COVER SHEET

Local Court Rules 5.06 and 5.09

EXHIBIT NAME: Group Exhibit C

TITLE OF DOCUMENT THIS EXHIBIT BELONGS WITH:

Amended ComplaintDocument File Date: August 30, 2019*(The file date of the document this exhibit belongs with)*EXHIBIT FILED ON BEHALF OF: Gina Mellenthin, Kurt Igleman, Celeste Shaw, and Phil Adcock*(Case Party Name)*Submitted by: Keith H. WerwasName: Matton and Werwas, P.C. ☐ Pro SeDuPage Attorney Number: 328992Attorney for: PlaintiffsAddress: 134 N. LaSalle Street, Suite 1040City/State/Zip: Chicago, IL 60602Telephone Number: 312-236-6800Email: kwerwas@mattonandwerwas.com

GROUP EXHIBIT C

**VILLAGE OF BENSENVILLE
12 S. CENTER STREET
BENSENVILLE, ILLINOIS 60106**

Ordinance No. 30-2014

**An Ordinance Amending Municipal Water/Sewer Rates of the Village of Bensenville,
Counties of Cook and DuPage, Illinois**

**ADOPTED BY THE
VILLAGE BOARD OF TRUSTEES
OF THE
VILLAGE OF BENSENVILLE
THIS 24th DAY OF JUNE, 2014**

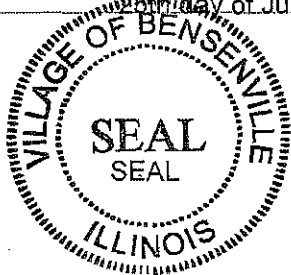
Published in pamphlet form by authority of the President and Board of Trustees of the Village of
Bensenville, DuPage and Cook Counties, Illinois this 25th day of June 2014

STATE OF ILLINOIS)
COUNTIES OF COOK)
SS AND DUPAGE)

I, Corey Williamsen, do hereby certify that I am the duly appointed Deputy Village Clerk of the Village of Bensenville, DuPage and Cook Counties, Illinois, and as such officer, I am the keeper of the records and files of said Village; I do further certify that the foregoing constitutes a full, true and correct copy of Ordinance No. 30-2014 entitled an ordinance amending Municipal Water/Sewer Rates of the Village of Bensenville, Counties of Cook and DuPage, Illinois.

INWITNESS WHEREOF, I have hereunto affixed my official hand and seal on this

28th day of June, 2014





Corey Williamsen
Deputy Village Clerk

ORDINANCE # 30-2014

AN ORDINANCE AMENDING MUNICIPAL WATER/SEWER RATES OF THE
VILLAGE OF BENSENVILLE, COUNTIES OF COOK AND DUPAGE, ILLINOIS

WHEREAS, pursuant to the Illinois Municipal Code, 65 ILCS 5/1-1-1, *et seq.*, the Village of Bensenville (the "*Village*") owns and operates sewerage and waterworks facilities (the "*System*") within and outside the municipal boundaries of the Village; and

WHEREAS, the Illinois Municipal Code at Division 139 grants the Village the authority to charge its inhabitants a reasonable compensation for the use and service of the System and to establish rates for that purpose; and

WHEREAS, the Village has carefully considered the findings and recommendations of the Baxter & Woodman, Inc. 2014 Village of Bensenville Water & Sewer Rate Study, (the "*Baxter & Woodman Study*");

WHEREAS, the Village has carefully considered its own experience in operating and maintaining the System and the revenues and expenses associated therewith, together with the current condition of the System,

BE IT AND IT IS HEREBY ORDAINED by the President and Board of Trustees of the Village of Bensenville, Counties of DuPage and Cook, Illinois, as follows:

SECTION ONE: AMENDMENT OF RATES. For the purpose of establishing the rates hereinafter set forth, the Village's Corporate Authorities hereby adopt the findings and recommendations contained in the Baxter & Woodman Study heretofore incorporated herein as Exhibit "A" for the use of, and for the service supplied by, the waterworks system of the Village and the same are hereby amended, in part, as provided for herein. Annually, the Finance Director shall evaluate the system revenues, expenses and fund balance against projections. The Director shall issue a report of findings to the Village Board at least one month prior to the scheduled annual rate increase at which time the Board can determine whether the scheduled annual rate increase needs to be revised.

SECTION TWO: In accordance with the provisions hereof, Section 8-7-7 of the Bensenville Village Code, as amended, as follows

A. WATER RATES WITHIN CORPORATE LIMITS

1. 2014 Water Commodity Charges (effective July 1, 2014):

- | | |
|-----------------------------------|--------------------------|
| a. First 10,000 gallons per month | \$6.19 per 1,000 gallons |
| b. Above 10,000 gallons per month | \$7.12 per 1,000 gallons |

2. Monthly Fixed Charges:

| | |
|---|----------|
| a. 5/8 inch and 3/4 inch meter size Fixed charge | \$2.62 |
| b. 1-inch meter size Fixed charge | \$8.81 |
| c. 1-1/2 inch meter size Fixed charge | \$17.43 |
| d. 2-inch meter size Fixed charge | \$27.95 |
| e. 3-inch meter size Fixed charge | \$52.50 |
| f. 4-inch meter size Fixed charge | \$87.56 |
| g. 6-inch meter size Fixed charge | \$174.95 |

Senior Citizen Residential Accounts (over age 65):

| | |
|---------------------------|--------|
| h. Fixed charge | \$2.62 |
| Deduction from Total Bill | \$1.54 |

3. Future Water Rates:

- a. Water rates for customers within the corporate limits will be further revised once per year according to the following schedule.

| Item | As of January 1, 2015 | As of January 1, 2016 | As of January 1, 2017 | As of January 1, 2018 | As of January 1, 2019 | As of January 1, 2020 |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Water Commodity Charge, First 10,000 gallons per month, per 1,000 gallons | \$6.65 | \$7.15 | \$7.69 | \$8.27 | \$8.89 | \$9.56 |
| Water Commodity Charge, Above 10,000 gallons, per 1,000 gallons | \$7.65 | \$8.22 | \$8.84 | \$9.5 | \$10.21 | \$10.98 |
| Monthly Fixed Charges (per Meter Size) | | | | | | |
| 5/8 inch and 3/4 inch | \$2.82 | \$3.03 | \$3.26 | \$3.50 | \$3.76 | \$4.04 |
| 1 inch meter | \$9.47 | \$10.18 | \$10.94 | \$11.76 | \$12.64 | \$13.59 |
| 1 1/2 inch meter | \$18.74 | \$20.15 | \$21.66 | \$23.28 | \$25.03 | \$26.91 |
| 2 inch meter | \$30.05 | \$32.30 | \$34.72 | \$37.32 | \$40.12 | \$43.13 |
| 3 inch meter | \$56.44 | \$60.67 | \$65.22 | \$70.11 | \$75.37 | \$81.02 |

| | | | | | | |
|---------------------------------------|----------|----------|----------|----------|----------|----------|
| 4 inch meter | \$94.13 | \$101.19 | \$108.78 | \$116.94 | \$125.71 | \$135.14 |
| 6 inch meter | \$188.07 | \$202.18 | \$217.34 | \$233.64 | \$251.16 | \$270.00 |
| Senior Citizen Fixed Charge Deduction | (\$1.54) | (\$1.54) | (\$1.54) | (\$1.54) | (\$1.54) | (\$1.54) |

B. WATER RATES OUTSIDE CORPORATE LIMITS (RESIDENTIAL)

1. 2014 Water Commodity Charges (effective January 1, 2015) established at 150% of Corporate Limit Rates:

- a. First 10,000 gallons per month \$9.98 per 1,000 gallons
- b. Above 10,000 gallons per month \$11.48 per 1,000 gallons

2. Monthly Fixed Charges (effective January 1, 2015) established at 150% of Corporate Limit Monthly Fixed Charges:

- a. 5/8 inch and 3/4 inch meter size
Fixed charge \$4.23
- b. 1-inch meter size
Fixed charge \$14.21
- c. 1-1/2 inch meter size
Fixed charge \$28.11
- d. 2-inch meter size
Fixed charge \$45.08
- e. 3-inch meter size
Fixed charge \$84.66
- f. 4-inch meter size
Fixed charge \$141.20
- g. 6-inch meter size
Fixed charge \$282.11

3. Future Water Rates:

- a. Water rates for residential customers outside the corporate limits will be further revised once per year according to the following schedule.

| Item | As of January 1, 2015 | As of January 1, 2016 | As of January 1, 2017 | As of January 1, 2018 | As of January 1, 2019 | As of January 1, 2020 |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Water Commodity Charge, First 10,000 gallons per month, per 1,000 gallons | \$9.98 | \$10.73 | \$11.54 | \$12.41 | \$13.34 | \$14.34 |
| Water Commodity Charge, Above 10,000 gallons, per 1,000 gallons | \$11.48 | \$12.33 | \$13.26 | \$14.25 | \$15.31 | \$16.47 |
| Monthly Fixed Charges (per Meter Size) | | | | | | |
| 5/8 inch and 3/4 inch | \$4.23 | \$4.55 | \$4.89 | \$5.25 | \$5.64 | \$6.06 |
| 1 inch meter | \$14.21 | \$15.27 | \$16.41 | \$17.64 | \$18.96 | \$20.39 |
| 1 1/2 inch meter | \$28.11 | \$30.23 | \$32.49 | \$34.92 | \$37.55 | \$40.37 |
| 2 inch meter | \$45.08 | \$48.45 | \$52.08 | \$55.98 | \$60.18 | \$64.70 |
| 3 inch meter | \$84.66 | \$91.01 | \$97.83 | \$105.17 | \$113.06 | \$121.53 |
| 4 inch meter | \$141.20 | \$151.79 | \$163.17 | \$175.41 | \$188.57 | \$202.71 |
| 6 inch meter | \$282.11 | \$303.27 | \$326.01 | \$350.46 | \$376.74 | \$405.00 |

C. WATER RATES OUTSIDE CORPORATE LIMITS (NON-RESIDENTIAL)

1. Same as established in SECTION TWO.B. above.

CAPITAL RECOVERY CHARGES WITHIN CORPORATE LIMITS

1. 2014 Capital Recovery Charges (effective July 1, 2014 within the Corporate Limits (regardless of usage volume):
 - a. Water capital recovery charge \$2.56 per 1,000 gallons
 - b. Wastewater capital recovery charge \$2.77 per 1,000 gallons
2. Non-metered Accounts:
 - a. Flat rate per month – 9,000 gallons minimum
 1. Water Capital Recovery \$23.04
 2. Wastewater capital recovery \$24.93
 3. Total Capital Recovery Rate per month \$47.97
3. Future Capital Recovery Charges:
 - a. Capital recovery charges for customers within the corporate limits will be further revised once per year according to the following schedule.

| Item | As of January 1, 2015 | As of January 1, 2016 | As of January 1, 2017 | As of January 1, 2018 | As of January 1, 2019 | As of January 1, 2020 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Water Capital Recovery Charge, Per 1,000 gallons | \$2.75 | \$2.96 | \$3.18 | \$3.42 | \$3.68 | \$3.96 |
| Wastewater Recovery Charge, Per 1,000 gallons | \$2.98 | \$3.20 | \$3.44 | \$3.70 | \$3.98 | \$4.28 |

D. CAPITAL RECOVERY CHARGES OUTSIDE CORPORATE LIMITS

1. 2014 Fixed Capital Recovery (effective July 1, 2014 – December 31, 2014) outside the Corporate Limits (regardless of usage volume) charge of \$19.39 per month.
2. 2014 Capital Recovery Charges (January 1, 2015 outside the Corporate Limits (regardless of usage volume) established at 150% of Corporate Capital Recovery Charges:
 - a. Water Capital Recovery Charge \$3.84 per 1,000 gallons
 - b. Wastewater Capital Recovery Charge \$4.16 per 1,000 gallons
3. Non-metered Accounts:
 - a. Flat rate per month – 9,000 gallons minimum
 1. Water Capital Recovery \$34.56
 2. Wastewater capital recovery \$37.40
 - Total Capital Recovery Rate per month \$71.96

3. Future Capital Recovery Charges:

- a. Capital recovery charges for customers within the corporate limits will be further revised once per year according to the following schedule:

| Item | As of January 1, 2015 | As of January 1, 2016 | As of January 1, 2017 | As of January 1, 2018 | As of January 1, 2019 | As of January 1, 2020 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Water Capital Recovery Charge, Per 1,000 gallons | \$3.84 | \$4.13 | \$4.44 | \$4.77 | \$5.13 | \$5.52 |
| Wastewater Recovery Charge, Per 1,000 gallons | \$4.47 | \$4.80 | \$5.16 | \$5.55 | \$5.97 | \$6.42 |

SECTION THREE: In accordance with the provisions hereof, Section 8-6-23-4 of the Bensenville Village Code is hereby amended follows:

A. SEWER/WASTEWATER RATES WITHIN THE CORPORATE LIMITS:

1. 2014 Wastewater Commodity Charges (effective July 1, 2014):

- a. First 10,000 gallons per month \$4.89 per 1,000 gallons
b. Above 10,000 gallons per month \$5.62 per 1,000 gallons

2. Monthly Fixed Bills per month:

- a. 5/8 inch and 3/4 inch meter size
Fixed charge \$5.21
b. 1-inch meter size
Fixed charge \$17.32
c. 1-1/2 inch meter size
Fixed charge \$34.87
d. 2-inch meter size
Fixed charge \$55.73
e. 3-inch meter size
Fixed charge \$104.36
f. 4-inch meter size
Fixed charge \$173.87
g. 6-inch meter size
Fixed charge \$347.99

3. Non-metered Accounts:

a. Flat rate per month

| | |
|---------------------------|---------|
| 1. Fixed charge | \$4.89 |
| 2. 9,000 gallons | \$44.01 |
| Total flat rate per month | \$44.01 |

4. Future Wastewater Rates:

- a. Wastewater rates for customers within the corporate limits will be further revised once per year according to the following schedule.

| Item | As of January 1, 2015 | As of January 1, 2016 | As of January 1, 2017 | As of January 1, 2018 | As of January 1, 2019 | As of January 1, 2020 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Wastewater Commodity Charge, First 10,000 gallons per month, per 1,000 gallons | \$5.26 | \$5.65 | \$6.07 | \$6.53 | \$7.02 | \$7.55 |
| Wastewater Commodity Charge, Above 10,000 gallons, per 1,000 gallons | \$6.04 | \$6.49 | \$6.98 | \$7.50 | \$8.06 | \$8.66 |
| Monthly Fixed Charges (per Meter Size) | | | | | | |
| 5/8 inch and 3/4 inch | \$5.60 | \$6.02 | \$6.47 | \$6.96 | \$7.48 | \$8.04 |
| 1 inch meter | \$18.62 | \$20.02 | \$21.52 | \$23.13 | \$24.86 | \$26.72 |
| 1 1/2 inch meter | \$37.49 | \$40.30 | \$43.32 | \$46.57 | \$50.06 | \$53.81 |
| 2 inch meter | \$59.91 | \$64.40 | \$69.23 | \$74.42 | \$80.00 | \$86.00 |
| 3 inch meter | \$112.19 | \$120.60 | \$129.65 | \$139.37 | \$149.82 | \$161.06 |
| 4 inch meter | \$186.91 | \$200.93 | \$216.00 | \$232.20 | \$249.62 | \$268.34 |
| 6 inch meter | \$374.09 | \$402.15 | \$432.31 | \$464.73 | \$499.58 | \$537.05 |

B. SEWER/WASTEWATER RATES OUTSIDE THE CORPORATE LIMITS:

1. 2014 Wastewater Commodity Charges (January 1, 2015) established at 150% of the Corporate Rates:

| | |
|-----------------------------------|--------------------------|
| a. First 10,000 gallons per month | \$7.34 per 1,000 gallons |
| b. Above 10,000 gallons per month | \$8.43 per 1,000 gallons |

2. Monthly Fixed Bills per month:

| | |
|---|--------|
| a. 5/8 inch and 3/4 inch meter size Fixed charge | \$7.82 |
| b. 1-inch meter size | |

| | |
|--------------------------|----------|
| Fixed charge | \$25.98 |
| c. 1-1/2 inch meter size | |
| Fixed charge | \$52.31 |
| d. 2-inch meter size | |
| Fixed charge | \$83.60 |
| e. 3-inch meter size | |
| Fixed charge | \$156.54 |
| f. 4-inch meter size | |
| Fixed charge | \$260.81 |
| g. 6-inch meter size | |
| Fixed charge | \$521.99 |

3. Non-metered Accounts:

| | |
|---------------------------|---------|
| b. Flat rate per month | |
| 1. Fixed charge | \$7.34 |
| 2. 9,000 gallons | \$66.02 |
| Total flat rate per month | \$66.02 |

4. Future Wastewater Rates:

- b. Wastewater rates for customers outside the corporate limits will be further revised once per year according to the following schedule.

| Item | As of January 1, 2015 | As of January 1, 2016 | As of January 1, 2017 | As of January 1, 2018 | As of January 1, 2019 | As of January 1, 2020 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Wastewater Commodity Charge, First 10,000 gallons per month, per 1,000 gallons | \$7.89 | \$8.48 | \$9.11 | \$9.80 | \$10.53 | \$11.33 |
| Wastewater Commodity Charge, Above 10,000 gallons, per 1,000 gallons | \$9.06 | \$9.74 | \$10.47 | \$11.25 | \$12.09 | \$12.99 |
| Monthly Fixed Charges (per Meter Size) | | | | | | |
| 5/8 inch and 3/4 inch | \$8.40 | \$9.03 | \$9.71 | \$10.44 | \$11.22 | \$12.06 |
| 1 inch meter | \$27.93 | \$30.03 | \$32.28 | \$34.70 | \$37.29 | \$40.08 |
| 1 1/2 inch meter | \$56.24 | \$60.45 | \$64.98 | \$69.86 | \$75.09 | \$80.72 |
| 2 inch meter | \$89.87 | \$96.60 | \$103.85 | \$111.63 | \$120.00 | \$129.00 |
| 3 inch meter | \$168.29 | \$180.90 | \$194.48 | \$209.06 | \$224.73 | \$241.59 |
| 4 inch meter | \$280.37 | \$301.40 | \$324.00 | \$348.30 | \$374.43 | \$402.51 |
| 6 inch meter | \$561.14 | \$603.23 | \$648.47 | \$697.10 | \$749.37 | \$805.58 |

C. SEWER/WASTWATER RATES OUTSIDE CORPORATE LIMITS (NON-RESIDENTIAL)

1. Same as established in SECTION THREE.B. above.

SECTION FOUR: All ordinances in conflict herewith are repealed to the extent of said conflict. This Ordinance is in full force and effect after passage and publication according to law and the rates and charges contained herein shall apply to all bills issued on or after August 1, 2014.

PASSED AND APPROVED by the President and Board of Trustees at the Village of Bensenville, this 24th day of June, 2014.



Frank Soto
Village President

ATTEST:



Ilsa Rivera-Trujillo
Village Clerk

AYES: BARTLETT, JANOWIAK, O'CONNELL, RIDDER

NAYS: WESSELER

ABSENT: JARECKI

1788 Sycamore Road
DeKalb, IL 60115
815.459.1260
815.787.7240
www.baxterwoodman.com
info@baxterwoodman.com



Memo

To: Village of Bensenville Mayor and Board of Trustees

From: Jim Sparber

Date: 6/19/14

Project No.: 100563.40

Subject: Response to Questions from 6/17/14 Committee Meeting

At the conclusion of Baxter & Woodman's presentation regarding the Water & Sewer Rate Study to the Finance Committee, the committee requested additional information be provided on the following items:

- 1. Explain the concerns associated with a very low or zero fund balance which was projected by Scenario 1.**

The Water & Sewer Fund is an enterprise fund meaning that all the revenues and expenditures associated with the operations of these systems should be accounted for within the fund. The idea behind this type of fund is to provide a clear picture of the finances to users of the system whose payment for services (i.e. water and sewer bills) comprise the majority of the system revenue. Ideally, the fund is self-supporting such that the users of the system who receive the benefits are the ones who are paying the costs. A well-managed water and sewer system will still see variations in cash flows during the normal course of business. A reserve fund balance is recommended in order to absorb these fluctuations without needing to borrow funds. The American Water Works Association (AWWA) has established a benchmark minimum fund balance of 25% of the cost of operations. If the cash reserve is not available, the water and sewer fund may be forced to borrow from either the General Fund or from an outside lender. In addition to smoothing cash flow, maintaining a reserve balance provides cash for unanticipated, critical system repairs and serves as an added assurance to lenders in the event significant outside funding is needed.

It is our recommendation to maintain some cash reserves to allow the Village staff flexibility in how they manage the system. Scenario 1 does not provide the necessary cash reserves to allow this flexibility. As such, it is our recommendation to adopt Scenario 2.

2. Identify the areas that should be evaluated when reviewing the annual rate increases scheduled to become effective on January 1 of each year of the study period.

Our study is based on annual projections of the cash flows through the Water and Sewer Fund. As with any projection, the values are our best estimates based on what we know at the time of the study. The actual results can vary significantly from our estimates. As such, we recommend that the projections be reviewed on an annual basis, prior to the scheduled January 1 rate increase. The key items to be reviewed against the projected values include:

- Volume of water sales (trend)
 - Water loss percentage (trend)
 - Wholesale cost of water purchased (actual vs. projected)
 - Total system revenue (actual vs. projected)
 - Total system expenses (actual vs. projected)
 - Capital construction costs (actual vs. budgeted)
 - End of year fund balance (actual vs. projected)
-
- Significant changes in expense items such as labor agreements, electric costs, etc.
 - Unexpected or unplanned large capital expenditures

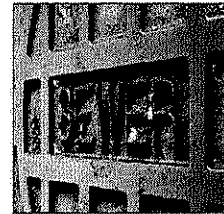
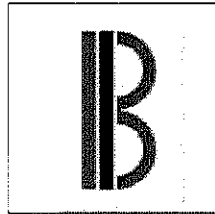
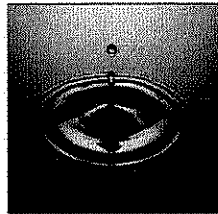
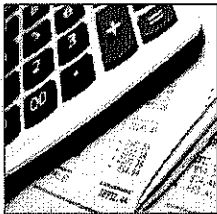
In the event the system revenue or expenses are not tracking closely to the projected values, a more in-depth analysis of these items should be conducted to identify the root cause of the variation.

List of Unincorporated SSAs

| SSA # | Description | Municipality | Ordinance # | Established | Estimated | Water Rates |
|-------|--------------------------------|--------------|---------------|-------------|-------------|-------------|
| 3 | Bruce Lake | Burr Ridge | PW-ORD-005-86 | 3/25/86 | \$875,000 | 200% |
| 5 | Jeans Road Industrial Park | Burr Ridge | PWO-007-87 | 4/24/85 | \$290,000 | 200% |
| 8 | Jeans Rd. Road Improvements | Burr Ridge | OPW-002-93 | 3/23/93 | \$500,000 | 200% |
| 9 | Brookeridge Central & Main | Burr Ridge | OPW-002-92 | 4/28/92 | \$1,350,000 | 200% |
| 26 | Bruce Lake | Burr Ridge | OPW-008-02 | 7/9/02 | \$1,247,890 | 200% |
| 27 | Brookeridge 85th - 87th Street | Burr Ridge | OPW-003-03 | 4/22/03 | \$425,000 | 200% |
| 29 | Babson Park | Burr Ridge | OPW-006-03 | 9/23/03 | \$511,000 | 200% |
| 4 | Nelson's Highview Estates | Glen Ellyn | ECO-002-88 | 9/17/88 | \$360,000 | 150% |
| 6 | Five Corners | Glen Ellyn | PWO-006-87 | 10/27/87 | \$175,000 | 150% |
| 10 | Five Corners | Glen Ellyn | OPW-004-94 | 5/24/94 | \$475,000 | 150% |
| 12 | Glen Ellyn Woods South | Glen Ellyn | OPW-002-94 | 2/8/94 | \$530,000 | 150% |
| 19 | Glen Ellyn Woods North | Glen Ellyn | OPW-004-02 | 3/12/02 | \$2,165,000 | 150% |
| 2 | Oak Hill/Spring Acres | Hinsdale | PW-ORD-008-85 | 4/24/85 | \$395,000 | 125% |
| 1 | Itasca Ranchettes | Itasca | PW-ORD-007-85 | 8/13/85 | \$724,000 | 150% |
| 11 | Nordic Park | Itasca | OPW-001-94 | 2/8/94 | \$1,300,000 | 150% |
| 16 | Flowerfield | Lombard | OPW-003-97 | 4/23/97 | \$260,000 | 150% |
| 35 | Lakes of Royce Renaissance | Lombard | OPW-003-10 | 8/10/2010 | \$5,000,000 | 150% |
| 37 | York Center | Lombard | OPW-002-11 | 1/25/2011 | \$1,900,000 | 150% |
| 34 | Hobson Water | Naperville | OPW-001-09 | 1/13/09 | \$1,920,000 | 110% |
| 25 | Westlands | West Chicago | OPW-008-01 | 11/27/01 | \$2,107,100 | 200% |
| 32 | Riviera Court | West Chicago | OPW-006-06 | 7/11/06 | \$306,000 | 200% |
| 33 | Judith Court | West Chicago | OPW-007-06 | 7/11/06 | \$350,000 | 200% |
| 21 | Woodridge Estates | Woodridge | OPW-003-01 | 6/12/01 | \$885,000 | 162% |
| 30 | Suburban Estates | Woodridge | OPW-002-04 | 3/9/04 | \$2,500,000 | 162% |

Village of Bensenville, Illinois

2014 Water & Sewer Rate Study Update



Prepared by:

BAXTER & WOODMAN
Consulting Engineers

www.baxterwoodman.com

May 2014

Village of Bensenville, Illinois 2014 Water & Sewer Rate Study Update

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EXECUTIVE SUMMARY

In accordance with your authorization, we have completed an update and review of the Village's water and sewer user rates. The purpose of this project is to provide the Village with recommendations for setting water and sewer rates to cover operating, debt service and capital improvement expenses while maintaining an appropriate cash balance in the Water and Sewer Fund. The scope of this report includes:

- Analyzing the current water usage trends as well as the trends in unbilled water percentages.
- Preparing a 5-year projection of water and sewer expenses, including incorporation of the Village's 5-year capital improvement plan.
- Reviewing debt service obligations and replacement/rehabilitation needs to assure adequate funds are being set aside for these needs.
- Preparing 5-year projection of revenues necessary to meet water and sewer utility expenses.
- Recommending a system of equitable water and sewer rates to meet revenue requirements for the next 5 years.

Under the current rate structure, the Water & Sewer Fund is insufficient to support the projected operating and capital expenses, resulting in a negative fund balance in less than two years. Much of this shortfall is due to the increased cost of water supplied by the DuPage Water Commission and the City of Chicago. Three scenarios for rate increases were evaluated:

1. Increase rates annually at 9.2% in each of the next 5 years.
2. Increase rates by 15% in July 2014 and then increase the rates by 7.5% in each of the next 5 years.
3. Increase rates by 44.7% in July 2014 with no additional rate increases over the 5-year study period.

Of the three scenarios evaluated, Scenario 2 is recommended for implementation. Under this scenario the projected fund balance will remain positive and will provide for revenues slightly above projected expenses at the end of the five year study period.

In addition to the recommended rate increase, the study also recommends removal of the current \$19.39 capital fee currently charged to users of the system who are not within the municipal corporate limits. The study proposes to charge unincorporated system users a rate which is 150% of the standard user fees in order to recapture costs for services provided by the Village and paid for out of the General Fund, but which benefit the water system users.

The following table presents a summary of the average monthly water and sewer bill for various typical customer classes under the recommended scenario.

TABLE 1

Scenario 2: Water & Sewer Monthly Bills

| | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Low Senior Usage 2,000 gallons/month | \$ 32 | \$ 38 | \$ 41 | \$ 44 | \$ 47 | \$ 51 | \$ 55 | \$ 60 |
| Avg. Residential Usage 6,000 gallons/month | \$ 92 | \$106 | \$114 | \$123 | \$132 | \$142 | \$153 | \$164 |
| Avg. Unincorporated Usage 6,000 gal/month | \$112 | \$159 | \$171 | \$184 | \$198 | \$213 | \$229 | \$246 |
| Avg. Non-Res. Usage 29,000 gallons/month | \$487 | \$560 | \$602 | \$647 | \$695 | \$747 | \$803 | \$864 |

Notes: Unincorporated users pay 150% of the standard usage rates.

In order to maintain a financially sound, self-sufficient water and sewer fund, adoption of a 15% rate increase in July 2014 and a 7.5% annual rate increase in January of 2015 through January 2020 as described under Scenario 2 is recommended.

1. EXISTING WATER AND SEWER SYSTEMS

The Village of Bensenville operates a public water distribution system and a sanitary sewer system under the jurisdiction of the Village's Public Works Department. The water system consists of a DuPage Water Commission water supply station; emergency water supply interconnections with the City of Elmhurst and the Villages of Elk Grove and Wood Dale; four water storage facilities; two booster pumping stations, three emergency wells; and approximately 70 miles of water main. The sanitary sewer system consists of one wastewater treatment plant; 18 sewage lift stations; and approximately 60 miles of sanitary sewers.

The Village has a mixture of residential, commercial, industrial and institutional land uses. These areas are fully developed, with little buildable land remaining, though re-development of some areas may be possible in the future.

2. CURRENT WATER AND SEWER RATES

The Village invoices each month for water and sewer services, with the intent of collecting sufficient revenue to allow these utilities to be self-sustaining and self-renewing. All fees relating to water and sewer utility operation, including usage revenues, water meter fees, late payment penalties, water turn on/off fees and interest income, are deposited in the Water and Sewer Fund. This enterprise fund pays operation and routine maintenance costs for the water and sewer systems, as well as debt payments and costs for replacement and rehabilitation of existing infrastructure and equipment. Currently, storm sewer system improvements and maintenance are included in this fund. However, looking forward, storm sewer expenses will be removed from the fund.

As noted above, the Village purchases water from the DuPage Water Commission. The DuPage Water Commission in turn purchases water from the City of Chicago. In 2011, the City of Chicago announced that they would be increasing the wholesale unit cost for water from 2012 through 2015. In turn, DuPage Water Commission passed the City of Chicago rate increase on to customers, along with an increase in their own operation and maintenance fees. Table 2 below shows the expected increases in the cost of water purchased by the Village of Bensenville over the next few years.

TABLE 2

Scheduled Wholesale Water Rate Increases

| Year | City of Chicago Wholesale Water Rate (per 1,000 gal) | DuPage Water Commission Wholesale Water Rate (per 1,000 gal) ¹ | Change from Previous Year (per 1,000 gal) | % Increase |
|------------------------------------|---|--|---|------------|
| 2011 | \$2.005 | \$2.30 | | |
| 2012 | \$2.51 | \$2.99 | \$0.69 | 30% |
| 2013 | \$2.89 | \$3.59 | \$0.60 | 20% |
| 2014 | \$3.32 | \$4.24 | \$0.65 | 18% |
| 2015 | \$3.82 | \$4.96 | \$0.72 | 17% |
| Total Increase 2011 – 2015: | | | \$2.66 | |

Baxter & Woodman previously completed a rate study for the Village in 2008. The Village subsequently implemented a series of rate increases as shown in Table 3 and Table 4. It should be noted that the Village did not implement the scheduled rate increases originally identified as going into effect on May 1, 2012. As such, the last rate increase occurred May 1, 2011. The increases in the wholesale cost of water, which took effect in 2012, 2013 and thus far in 2014, have been absorbed by the Village through means other than a customer rate increase. Had the increases

¹ Inclusive of the rate charged by the City of Chicago.

been passed on to consumers, the rate per 1,000 gallons of water consumed would have increased from \$5.38 to \$6.07 in 2012, \$6.67 in 2013 and \$7.32 in 2014.

TABLE 3

Water Rate Schedule per Existing Ordinance

| Item | As of May 1, 2010 | As of May 1, 2011 | As of May 1, 2012 | As of May 1, 2013 |
|--|----------------------|----------------------|----------------------|----------------------|
| Water Monthly Fixed Charges | | | | |
| 5/8-inch meter | \$ 2.02 | \$ 2.28 | \$ 2.28 | \$ 2.28 |
| 1-inch meter | \$ 6.78 | \$ 7.66 | \$ 7.66 | \$ 7.66 |
| 1.5-inch meter | \$ 13.42 | \$ 15.16 | \$ 15.16 | \$ 15.16 |
| 2-inch meter | \$ 21.50 | \$ 24.30 | \$ 24.30 | \$ 24.30 |
| 3-inch meter | \$ 40.40 | \$ 45.65 | \$ 45.65 | \$ 45.65 |
| 4-inch meter | \$ 67.38 | \$ 76.14 | \$ 76.14 | \$ 76.14 |
| 6-inch meter | \$134.63 | \$152.13 | \$152.13 | \$152.13 |
| Water Usage Rates per 1,000 gallons | | | | |
| 0 - 10,000 gallons | \$ 4.76 | \$ 5.38 | \$ 5.38 | \$ 5.38 |
| > 10,000 gallons | \$ 5.47 | \$ 6.19 | \$ 6.19 | \$ 6.19 |
| Capital Recovery Fee | \$ 1.97 | \$ 2.23 | \$ 2.23 | \$ 2.23 |

Note: Unincorporated users assessed an additional \$19.39 monthly fee for Capital Recovery.
There is a senior discount of \$1.54 off the total bill for incorporated customers only.

TABLE 4

Sewer Rate Schedule per Existing Ordinance

| Item | As of May 1, 2010 | As of May 1, 2011 | As of May 1, 2012 | As of May 1, 2013 |
|--|----------------------|----------------------|----------------------|----------------------|
| Sewer Monthly Fixed Charges | | | | |
| 5/8-inch meter | \$ 3.89 | \$ 4.53 | \$ 4.53 | \$ 4.53 |
| 1-inch meter | \$ 12.93 | \$ 15.06 | \$ 15.06 | \$ 15.06 |
| 1.5-inch meter | \$ 26.03 | \$ 30.32 | \$ 30.32 | \$ 30.32 |
| 2-inch meter | \$ 41.60 | \$ 48.46 | \$ 48.46 | \$ 48.46 |
| 3-inch meter | \$ 77.90 | \$ 90.75 | \$ 90.75 | \$ 90.75 |
| 4-inch meter | \$129.78 | \$151.19 | \$151.19 | \$151.19 |
| 6-inch meter | \$259.74 | \$302.60 | \$302.60 | \$302.60 |
| Sewer Usage Rates per 1,000 gallons | | | | |
| 0 - 10,000 gallons | \$ 3.65 | \$ 4.25 | \$ 4.25 | \$ 4.25 |
| > 10,000 gallons | \$ 4.20 | \$ 4.89 | \$ 4.89 | \$ 4.89 |
| Capital Recovery Fee | \$ 2.07 | \$ 2.41 | \$ 2.41 | \$ 2.41 |

Note: There is a senior discount of \$1.54 off the total bill for incorporated customers only.

The following tables summarize the customer billing types and meter sizes as of the FY2013.

Village of Bensenville, Illinois

TABLE 5

Water and Sewer Billing Distribution by Customer Type

| Customer Type | Annual Usage (gallons) | Avg. Usage per Customer (gal/month) | Percent of Total Usage |
|-------------------------|------------------------|-------------------------------------|------------------------|
| Residential - Incorp. | 286,282,000 | 6,730 | 54% |
| Residential - Unincorp. | 17,598,000 | 4,530 | 3% |
| Residential - Apart. | 40,232,000 | 108,150 | 8% |
| Commercial | 56,197,000 | 16,430 | 11% |
| Industrial | 108,721,000 | 14,020 | 20% |
| Municipal | 25,880,000 | 50,160 | 5% |
| Total | 534,910,000 | | |

TABLE 6

Water and Sewer Billing Distribution by Meter Size

| Water Meter Size | Annual Usage (gallons) | Avg. Usage per Customer (gal/month) | Percent of Total Usage |
|----------------------|------------------------|-------------------------------------|------------------------|
| 5/8-inch - Incorp. | 213,437,000 | 4,790 | 40% |
| 5/8-inch - Unincorp. | 17,598,000 | 4,530 | 3% |
| 1-inch | 39,036,000 | 10,670 | 7% |
| 1.5-inch | 115,742,000 | 27,560 | 22% |
| 2-inch | 56,493,000 | 38,910 | 11% |
| 3-inch | 49,814,000 | 118,600 | 9% |
| 4-inch | 22,503,000 | 187,530 | 4% |
| 6-inch | 178,000 | 7,420 | <1% |
| Villow ND | 20,109,000 | 111,720 | 4% |
| Total | 534,910,000 | | |

3. PROJECTED WATER AND SEWER USAGE

This study will evaluate the adequacy of the current rate structure given the proposed capital improvements planned for system maintenance and improvements, and provide recommendations should the current rate structure be found insufficient.

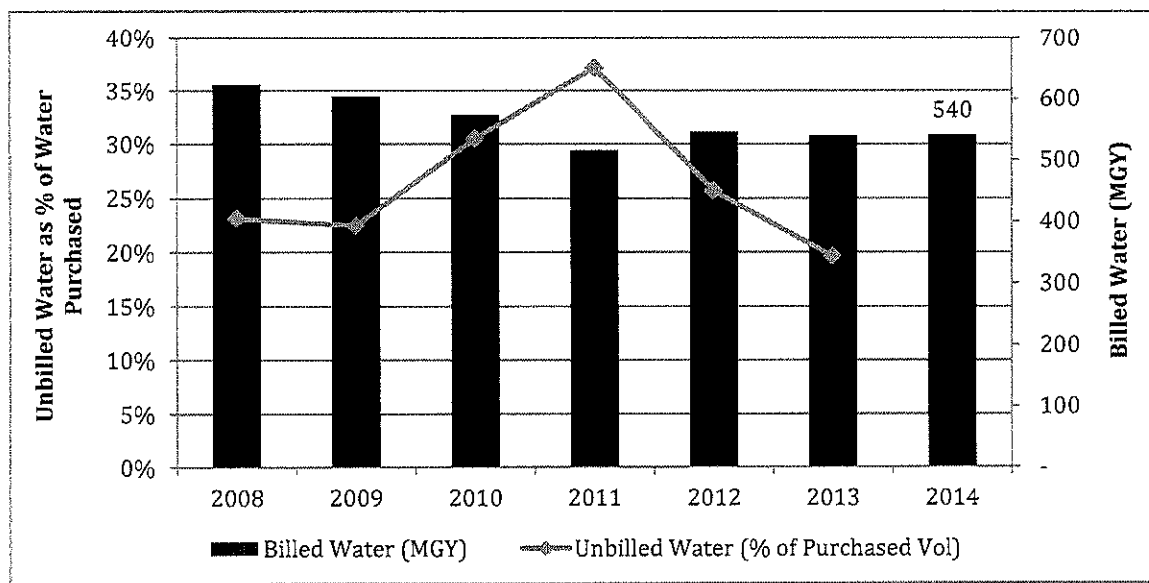
The Village of Bensenville has identified unbilled water usage as a significant issue to be addressed and has been working to reduce the percentage of unbilled water over the past several years. During this time, the unbilled water amount has been trending downward and was estimated at 20% for 2013.

Between 2011 and 2012, the Village conducted leak surveys throughout its water system and made improvements to leaking water meters. A major water main leak, identified as a major source of water loss, was discovered and repaired in the summer of 2012. The effect on water loss was immediate, as shown in Figure 1.

In order to provide a conservative approach when evaluating the rates going forward, this study assumes that the total water billed will be approximately 540 million gallons on an annual basis over the 5-year study period and unbilled water as a percentage of purchased water will remain constant at 20%. The water loss goal is 8%. Rates will be reviewed annually with the annual budget.

FIGURE 1

Village Water Usage



The Village continues to work to reduce the amount of unbilled water loss. As part of this rate study, funding for improvements to the water system are included in the capital plan. It is estimated that the amount of water loss will continue to decrease as a result of these improvements.

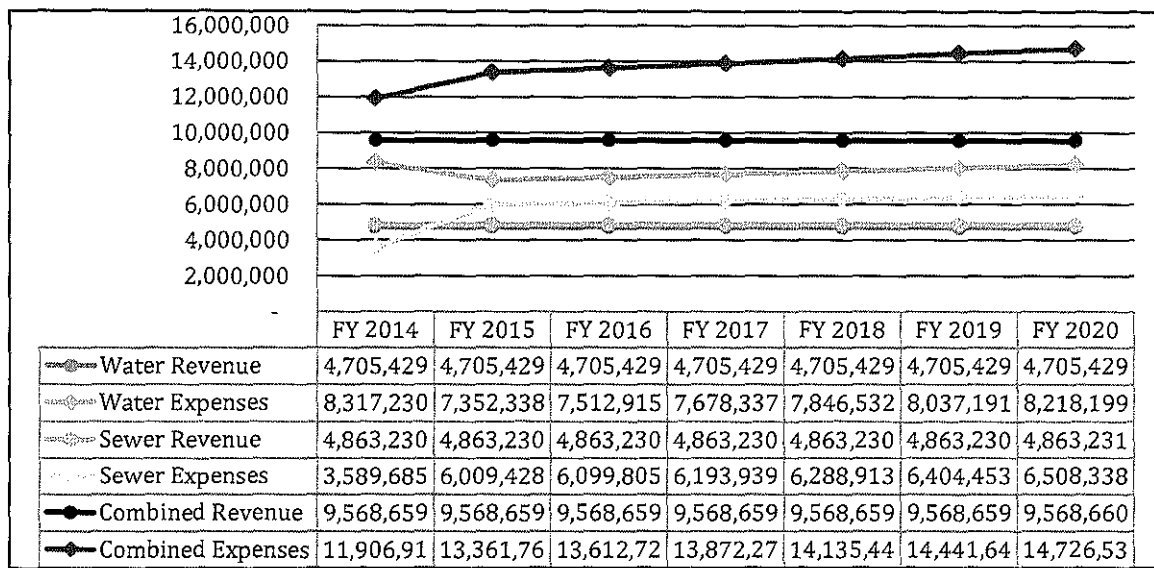
4. PROJECTED WATER AND SEWER OPERATING REVENUES

Using the information presented above and additional detail provided in the attached exhibits, we prepared baseline revenue projections assuming no further rate increases over the next 5 years. We also assumed no appreciable growth or decline in the customer base. Accordingly, absent any rate increase, operating revenues are anticipated to remain level during the 5-year study period under these assumptions.

The baseline revenue projections are summarized in Figure 2 below, with detailed projections provided in Attachment A.

FIGURE 2

Annual Revenue/Expenses² - Baseline Scenario



As shown in Figure 2, revenue from the water system is approximately \$4.7 million per year, and revenue from the sewer system is approximately \$4.8 million per year for combined system revenue of \$9.5 million per year. As Figure 2 shows, the sewer expenses in FY 2015 show a jump as debt service payments for the new wastewater treatment plant (WWTP) begin. At the same time, water expenses are expected to decline as the capital plan for the water system is scaled back. The net effect, however, is an increase in the total expenses in FY 2015. Going forward from FY 2015, expenses are expected to climb at an inflationary rate.

² Revenues do not include proceeds from debt issuance, nor do expenses include construction cost funded by debt proceeds.

5. PROJECTED WATER AND SEWER FUND EXPENSES

This analysis grouped expenses for the water and sewer utilities into three categories: routine operations and maintenance (O&M), capital improvements and non-operating expenses such as debt service.

A 5-year projection of O&M expenses was developed by Baxter & Woodman and reviewed with Village staff. In general, O&M expenses were projected by assigning an annual inflation factor to each line item in the Water and Sewer Fund. Inflation factors were set based on expected trends for each type of expense, and then line item expenses were compiled to develop overall O&M expense projections for the fund as a whole.

The Village's Public Works staff provided estimated costs for future capital improvements, which are needed to address infrastructure deterioration in the water and sanitary sewer systems and at the WWTP. These expenses include:

- A new wastewater treatment plant;
- Continued water capital improvements ;
- Annual replacement of water meters and vehicles;
- Continued annual investment in water main replacement

Non-operating expenses include continued payment on existing bonds and new payments for the proposed 2014 Illinois Environmental Protection Agency (IEPA) loan for the new WWTP.

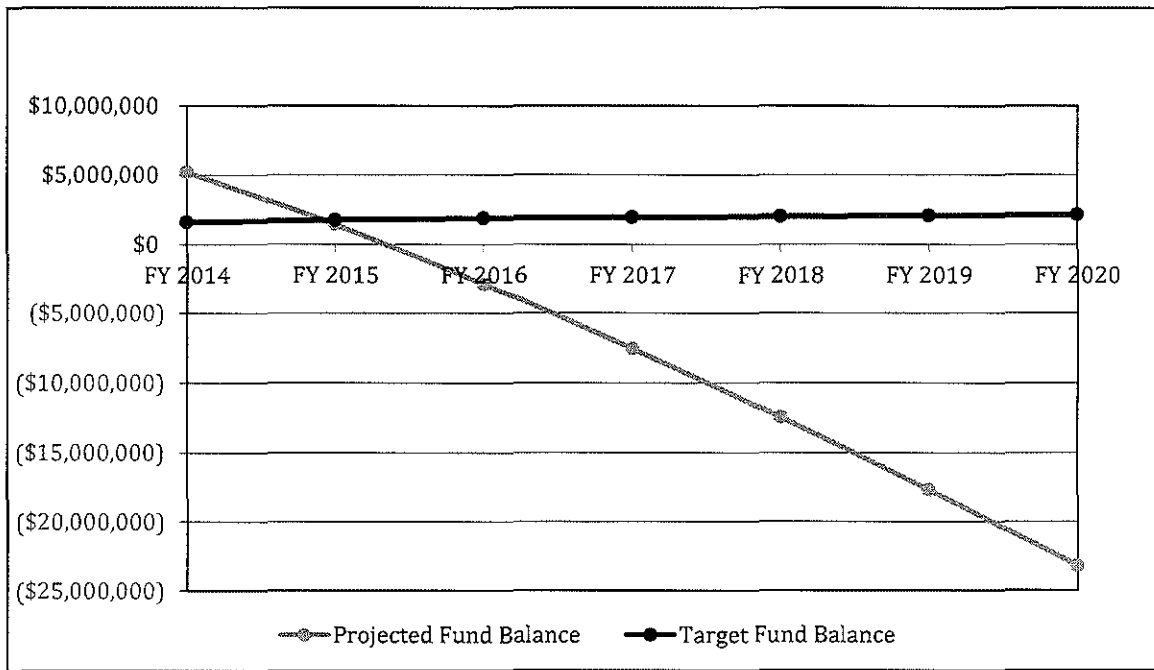
Figure 2 shows the baseline expense projections for the Water and Sewer Fund. A more detailed analysis of the expense projections are provided as Appendix A. Annual increases in routine operating expenses are due primarily to anticipated inflation in salaries, benefits, utilities, commodities and contractual services. Capital improvement costs fluctuate annually based on changing project needs from year to year. The most significant increase in expenses in FY 2014 and 2015 are for the construction of the new WWTP. Changes in non-operating costs over the study period are determined by the repayment schedules for outstanding debt and anticipated changes to future General Fund transfers. As indicated in Figure 2, the general trend in expenses is upward over the next 5 years.

6. BASELINE REVENUE AND EXPENSE COMPARISON

The baseline cash flow analysis indicates that, with no rate increases, the Water and Sewer Fund will be operating at a deficit between FY 2014 and FY 2020. With no rate increases, expenses are projected to exceed revenues every year, eventually depleting existing reserves and causing a cash flow deficit as shown in Figure 3. Under this scenario, the Water and Sewer Fund will have a negative balance in FY 2015 and will be approximately \$23 million short by FY 2020.

FIGURE 3

Water and Sewer Utility Fund Balance Projection Baseline Scenario



7. WATER AND SEWER RATE SCENARIO OVERVIEW

In working with Village staff, three rate increase scenarios were identified to meet the projected expenses. All rate scenarios include the baseline revenue and expense projections discussed above. The key difference between the scenarios is the resulting financial projections and affordability based on different rate increases. Each of the scenarios is discussed in detail below.

All rate increases are assumed to take place on January 1 annually, with the exception of the first increase, which is projected for July 1, 2014.

As part of the current rate structure, users of the system who are not located within the corporate limits of the Village are charged a \$19.39 monthly capital recovery fee in addition to all of the standard fees. The Village has been maintaining these monies in a separate fund for use in the future water system upgrades and improvements in unincorporated service areas. As part of this study, we recommend that flat rate fee be eliminated and a Special Service Area (SSA) be utilized as the funding mechanism for capital improvements to water infrastructure outside the Village limits.

The Village staff has also indicated that certain support services such as legal and managerial support, public works support at water main breaks, materials for restoration of repairs, etc. are paid for out of the Village General Fund. As such, unincorporated users who do not pay property taxes to support the General Fund will be charged a rate of 150% the standard rates. Table 7 provides a summary of the additional fees charged to unincorporated users at various other area communities.

TABLE 7

Comparison of Area Unincorporated Rates vs. Incorporated Rates

| Municipality | Unincorporated Rate (Percentage of Incorporated Rate) |
|---------------------|--|
| Bloomington | 150% |
| Addison | 200% |
| Elmhurst | 150% |
| Elk Grove Village | 150% |
| Franklin Park | 200% |
| Itasca | 150% |
| Average | 150% |

7.1 Rate Scenario 1

This scenario considered increasing rates equally on an annual basis over the study period for all users. The percentage increase is applied to the Water Usage Rates, Water Fixed Charges, Water Capital Recovery Charge, Sewer Usage Rate, Sewer Fixed Charges and Sewer Capital Recovery

Charge. In addition, users outside of the Village will be charged at 1.5 times the standard rate for all of the aforementioned charges and the \$19.39 Capital Recovery Charge will be eliminated.

Figure 4 shows the cash flow projections for the Water and Sewer Fund under Scenario 1. Currently, the Water and Sewer Fund has cash reserves well in excess of the recommended fund balance. Under Scenario 1, the cash reserves would be gradually depleted and the fund balance is projected to dip well below the recommended balance, but then recover to meet the desired fund balance by the end of the study period. This scenario requires an 9.2% annual increase in all fees each year for the full 5-year study period.

Figure 5 shows the projected revenues and expenses under Scenario 1. The fund will be operating at a deficit through FY 2018, during which time it will consume the excess capital reserves. In FY 2019 and 2020, the fund returns to a positive cash flow where projected revenues will exceed expenses and the fund will again begin to accumulate cash. Under this scenario, if expenses remain relatively constant in the periods beyond 2020, rate increases will only be required to keep pace with inflation.

FIGURE 4

Water and Sewer Utility Fund Balance Projection
Scenario 1: Equal Annual Increases of 9.2%

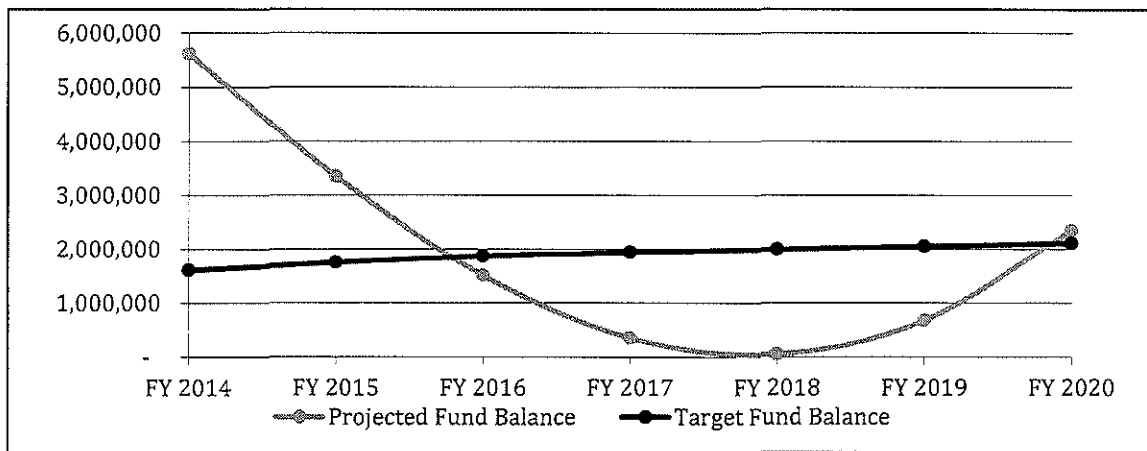


FIGURE 5

Water and Sewer Utility Revenue/Expense³ Projections
Scenario 1: Equal Annual Increases of 9.2%

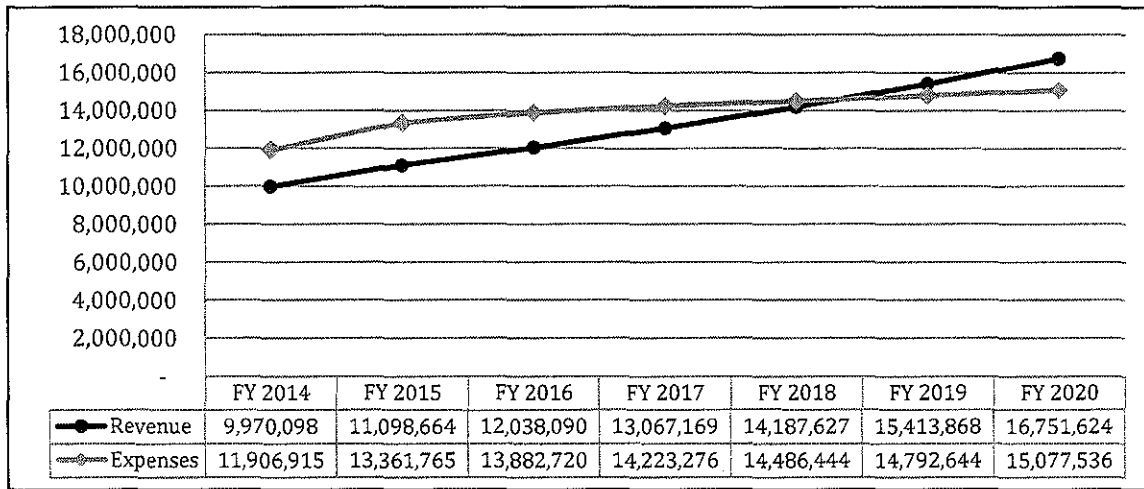


Table 8 summarizes the resulting monthly water and sewer bills for three different customer classes: low senior citizen usage, average residential usage and average non-residential usage.

TABLE 8

Scenario 1: Water & Sewer Monthly Bills

| | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Low Senior Usage 2,000 gal/month | \$ 32 | \$ 36 | \$ 39 | \$ 43 | \$ 47 | \$ 52 | \$ 57 | \$ 62 |
| Avg. Residential Usage 6,000 gal/month | \$ 92 | \$101 | \$110 | \$120 | \$131 | \$143 | \$157 | \$171 |
| Avg. Unincorporated Usage 6,000 gal/month | \$112 | \$151 | \$165 | \$180 | \$197 | \$215 | \$235 | \$257 |
| Avg. Non-Residential Usage 29,000 gal/month | \$487 | \$532 | \$580 | \$634 | \$692 | \$756 | \$825 | \$901 |

Notes: Unincorporated users pay 150% of the standard usage rates.

7.2 Rate Scenario 2

This scenario considered rates increased by 15% on July 1, 2014 and then increasing rates by 7.5% annually throughout the remainder of the study period.

³ Revenues do not include proceeds from debt issuance, nor do expenses include construction cost funded by debt proceeds.

Figure 6 shows the cash flow projections for the Water and Sewer Fund under Scenario 2. Figure 7 shows the projected Revenue and Expenditures under this scenario.

FIGURE 6

Water and Sewer Utility Fund Balance Projection
Scenario 2: 15% Initial Increase with 7.5% Annual Increase

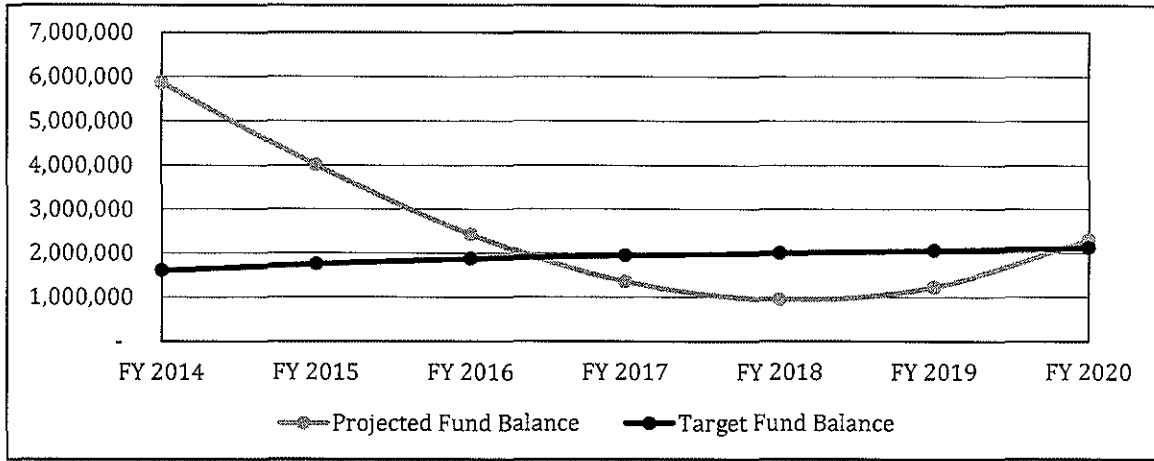
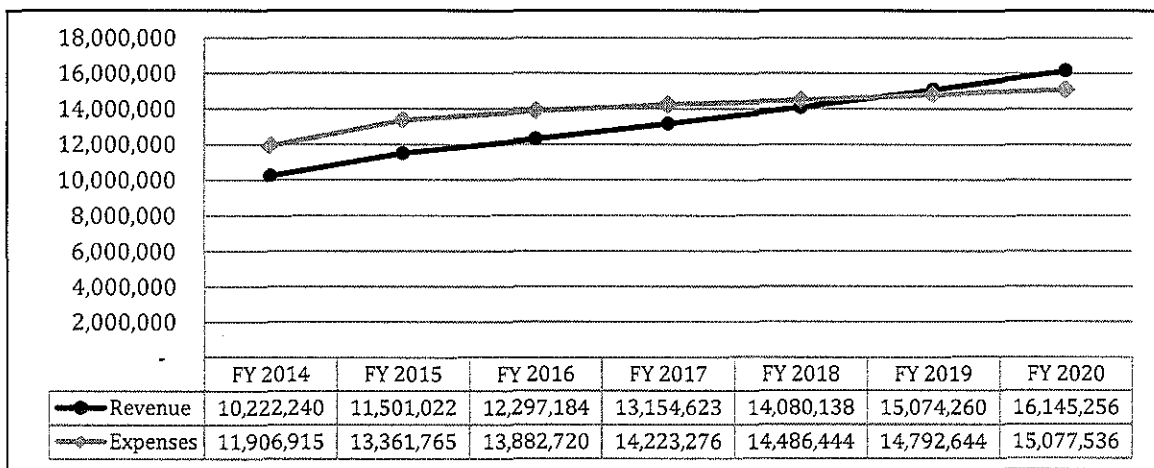


FIGURE 7

Water and Sewer Utility Revenue/Expenses⁴ Projections
Scenario 2: 15% Initial Increase with 7.5% Annual Increase



⁴ Revenues do not include proceeds from debt issuance, nor do expenses include construction cost funded by debt proceeds.

As with Scenario 1, the projected revenue will be insufficient to cover expenses and cash reserves will be diminished until FY 2019 and 2020.

Table 9 summarizes the resulting monthly water and sewer bills for three different customer classes: low senior citizen usage, average residential usage, unincorporated average residential usage and average non-residential usage.

TABLE 9

Scenario 2: Water & Sewer Monthly Bills

| | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Low Senior Usage 2,000 gallons/month | \$ 32 | \$ 38 | \$ 41 | \$ 44 | \$ 47 | \$ 51 | \$ 55 | \$ 60 |
| Avg. Residential Usage 6,000 gallons/month | \$ 92 | \$106 | \$114 | \$123 | \$132 | \$142 | \$153 | \$164 |
| Avg. Unincorporated Usage 6,000 gal/month | \$112 | \$159 | \$171 | \$184 | \$198 | \$213 | \$229 | \$246 |
| Avg. Non-Res. Usage 29,000 gallons/month | \$487 | \$560 | \$602 | \$647 | \$695 | \$747 | \$803 | \$864 |

Notes: Unincorporated users pay 150% of the standard usage rates.

7.3 Rate Scenario 3

The third rate scenario evaluated was to have the entire rate increase needed to maintain Water and Sewer fund balances above the target fund balance throughout the study period. This would be a 44.7% increase in both water and sewer bills. This rate increase would take effect on July 1, 2014.

Figure 8 shows a cash flow scenario where the fund balance remains above the target fund balance for the duration of the study period but draws the fund balance down over the 5 years to meet the target balance at the end of FY 2020. As Figure 9 shows, one of the potential problems with this type of scenario is that the expenses exceed revenues and, therefore, a future rate increase is inevitable. When the Water and Sewer Fund balance drops below the target level, a rate increase will be required to bring revenues back in line with expenses. This increase will be more than just an inflationary increase as would be expected in Scenarios 1 and 2.

FIGURE 8

Water and Sewer Utility Fund Balance Projection
Scenario 3: Entire Rate Increase July 1, 2014 (44.7%)

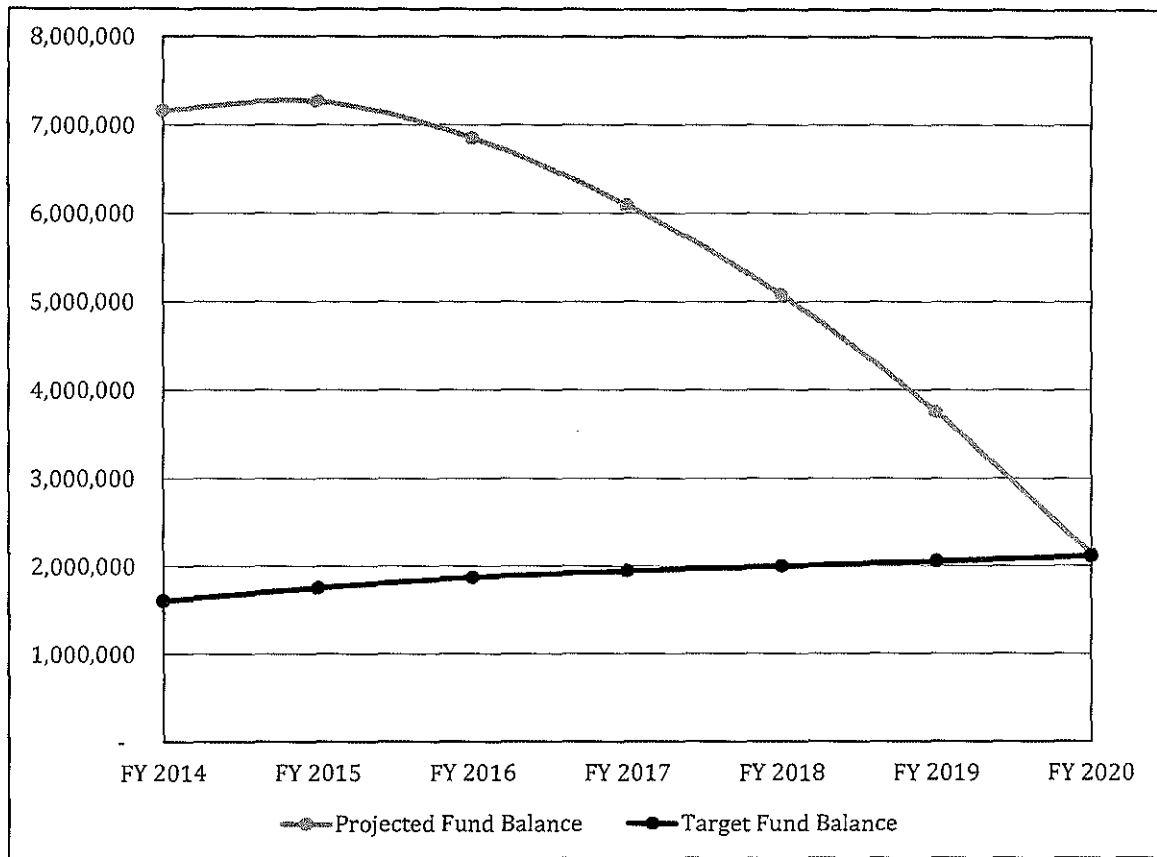
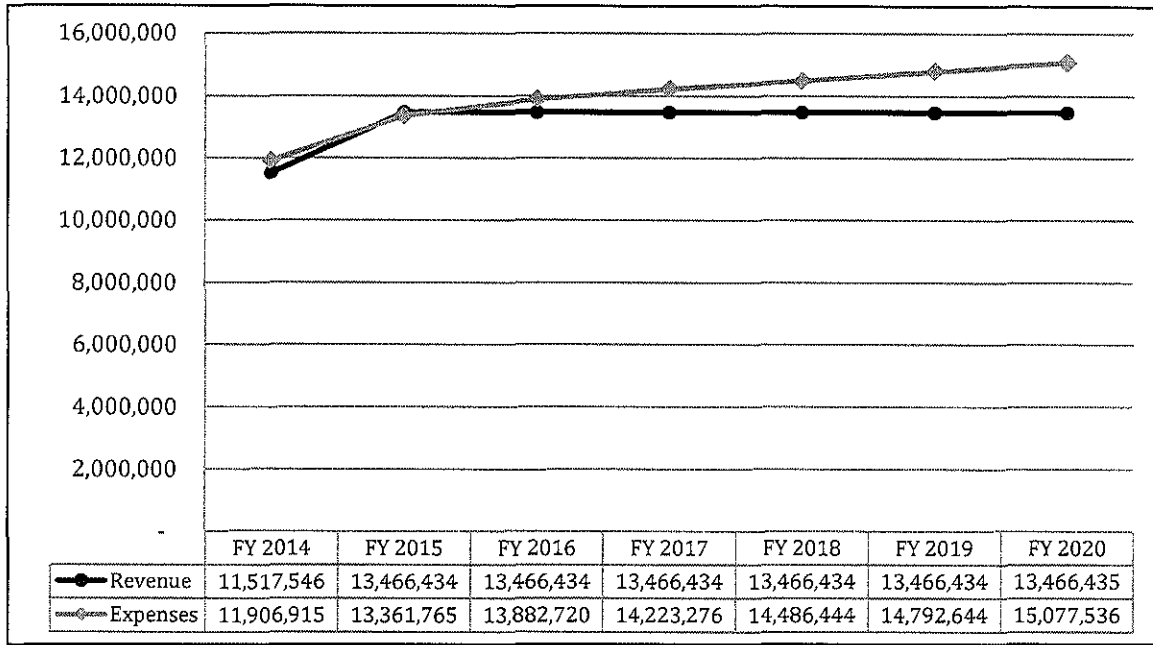


FIGURE 9

Water and Sewer Utility Revenue/Expenses⁵ Projections
Scenario 3: Entire Rate Increase July 1, 2014 (44.7%)



The projected monthly water and sewer bills are listed in Table 10.

TABLE 10

Scenario 3: Water & Sewer Monthly Bills

| | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Low Senior Usage 2,000 gal/month | \$ 32 | \$ 48 | \$ 48 | \$ 48 | \$ 48 | \$ 48 | \$ 48 | \$ 48 |
| Avg. Residential Usage 6,000 gal/month | \$ 92 | \$134 | \$134 | \$134 | \$134 | \$134 | \$134 | \$134 |
| Avg. Unincorporated Usage 6,000 gal/month | \$112 | \$201 | \$201 | \$201 | \$201 | \$201 | \$201 | \$201 |
| Avg. Non-Res. Usage 29,000 gal/month | \$487 | \$705 | \$705 | \$705 | \$705 | \$705 | \$705 | \$705 |

Notes: Unincorporated users pay 150% of the standard usage rates.

⁵ Revenues do not include proceeds from debt issuance, nor do expenses include construction cost funded by debt proceeds.

8. CONCLUSION AND RECOMMENDATIONS

Table 11 compares monthly water and sewer bills for various customer classes under each of the three rate scenarios.

TABLE 11

Comparison of Monthly Water and Sewer Bills

| | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Low Senior Usage (2,000 gal/month) | | | | | | | | |
| Scenario 1 | \$32 | \$36 | \$39 | \$43 | \$47 | \$52 | \$57 | \$62 |
| Scenario 2 | \$32 | \$38 | \$41 | \$44 | \$47 | \$51 | \$55 | \$60 |
| Scenario 3 | \$32 | \$48 | \$48 | \$48 | \$48 | \$48 | \$48 | \$48 |
| Avg. Residential Usage (6,000 gal/month) | | | | | | | | |
| Scenario 1 | \$92 | \$101 | \$110 | \$120 | \$131 | \$143 | \$157 | \$171 |
| Scenario 2 | \$92 | \$106 | \$114 | \$123 | \$132 | \$142 | \$153 | \$164 |
| Scenario 3 | \$92 | \$134 | \$134 | \$134 | \$134 | \$134 | \$134 | \$134 |
| Avg. Unincorporated Residential Usage (6,000 gal/month) | | | | | | | | |
| Scenario 1 | \$112 | \$151 | \$165 | \$180 | \$197 | \$215 | \$235 | \$257 |
| Scenario 2 | \$112 | \$159 | \$171 | \$184 | \$198 | \$213 | \$229 | \$246 |
| Scenario 3 | \$112 | \$201 | \$201 | \$201 | \$201 | \$201 | \$201 | \$201 |
| Avg. Non-Residential Usage (29,000 gal/month) | | | | | | | | |
| Scenario 1 | \$487 | \$532 | \$580 | \$634 | \$692 | \$756 | \$825 | \$901 |
| Scenario 2 | \$487 | \$560 | \$602 | \$647 | \$695 | \$747 | \$803 | \$864 |
| Scenario 3 | \$487 | \$705 | \$705 | \$705 | \$705 | \$705 | \$705 | \$705 |

Each of the three scenarios will achieve the goals of supporting projected operating expenses and capital improvements over the 5-year study period while maintaining a positive Water and Sewer Fund balance.

Scenario 1 results in gradual increases to the average user allowing residents time to absorb the increases in cost. For the average residential user, an \$9 to \$14 increase in their monthly water and sewer bill can be expected each year. This scenario does result in a significant dip in the fund balance in FY 2018 (approximately \$1.9 million or 95% below the target fund balance). However, the balance does remain positive. This scenario also boosts rates to a level where future rate increases after the 5-year study period will only be required to keep pace with inflation, provided the same level of annual capital investment is maintained.

Scenario 2 increases rates significantly (15%) in the first year, and then provides for smaller, but steady 7.5% increases over the remainder of the study period. The typical residential user will see

an increase in their monthly water and sewer bill of \$14 after the July 1, 2014 increase, with annual increases in monthly bills of \$8 to \$11 for the remainder of the 5-year study period. Similar to Scenario 1, the projected water and sewer fund balance will dip below the target value in FY 2018. However, under this scenario, the projected fund balance is \$944,000 or 53% below the target balance. Also similar to Scenario 1, this scenario boosts rates to a level where future rate increases after the 5-year study period will only be required to keep pace with inflation, provided the same level of annual capital investment is maintained.

Scenario 3 provides for a one time rate increase of 44.7% starting July 1, 2014. No rate increases would be required throughout the remainder of the study period. This will increase the average users monthly bill by about \$42 per month. Unlike Scenarios 1 and 2, the fund balance will remain above the target value for the entirety of the study period. However, at the end of the study period, the rates will not have been increased sufficiently to allow for system revenues to match projected expenses. Another rate increase, beyond that which is required to match inflation, will be required to maintain fund balances.

8.1 Recommendation

We recommend the Village implement Rate Scenario 2 to ensure that water and sewer usage rates appropriately reflect the current cost of service to operate the water and sewer utilities. This scenario will allow water users to adapt to the increased costs over time, while also maintaining acceptable fund balances and placing the Water and Sewer Fund on sound financial footing at the end of the study period.

The rates are designed to allow the Village to cover projected operation and maintenance costs, all projects in the 5-year capital improvement plan and annual debt service, while maintaining an acceptable reserve balance in the Water and Sewer Fund.

8.2 Rate Comparison

Table 12 shows the typical monthly water bill for a Bensenville resident compared to equivalent monthly water costs for residents in other nearby communities. Costs for all communities include water and sewer supply and distribution. Water bills in Table 12 are calculated for a residential customer with a 1.5-inch or smaller water meter using 6,000 gallons monthly (in some communities, charges differ based on water meter size, so a specific meter size must be assumed for an equivalent comparison). The table shows the current cost for water and sewer for an average user in the Village of Bensenville, along with the projected cost under Rate Scenario 2. Some of the comparison communities do not publish rates through 2017. Where no published rate was available, the rates are assumed to remain unchanged from the previous year.

TABLE 12

Rate Comparisons⁶

| 2013 | 2014 | 2015 | 2016 | 2017 |
|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Bloomingtondale \$65 | Bloomingtondale \$ 70 | Bloomingtondale \$ 74 | Bloomingtondale \$ 74 | Bloomingtondale \$ 74 |
| Addison \$74 | Addison \$ 81 | Elmhurst \$ 85 | Elmhurst \$ 85 | Elmhurst \$ 85 |
| Elmhurst \$85 | Elmhurst \$ 85 | Addison \$ 88 | Addison \$ 88 | Addison \$ 88 |
| Bensenville \$92 | Wood Dale \$ 94 | Wood Dale \$ 94 | Wood Dale \$ 94 | Wood Dale \$ 94 |
| Wood Dale \$94 | Itasca \$106 | Bensenville \$114 | Bensenville \$123 | Itasca \$125 |
| Itasca \$96 | Bensenville \$106 | Itasca \$117 | Itasca \$125 | Bensenville \$132 |
| Average \$84 | Average \$ 90 | Average \$ 95 | Average \$ 98 | Average \$100 |

The rate study comparison shows that the Village has comparatively higher rates than other communities but not appreciably from those neighboring communities with WWTPs (such as Wood Dale and Itasca). Generally, the overall trend is that communities are actively increasing their rates each year to keep pace with the true cost of providing clean, safe, reliable drinking water and treating wastewater to comply with regulatory agency requirements and maintain a healthy environment.

⁶ Based on a residential average monthly usage of 6,000 gallons of water.

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/14/2014

UTILITY FUND BASELINE REVENUE AND EXPENSE PROJECTIONS

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| REVENUES | | | | | | | | | |
| Operating Revenues - Water Fund | | | | | | | | | |
| Water Sales - Usage Rates | | 3,100,000 | 3,019,067 | 3,019,067 | 3,019,067 | 3,019,067 | 3,019,067 | 3,019,067 | 3,019,067 |
| Water Sales - Debt Service | N/A | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Water Sales - Fixed (Base) Charges | N/A | 260,000 | 269,934 | 269,934 | 269,934 | 269,934 | 269,934 | 269,934 | 269,934 |
| Capital Recovery | N/A | 1,350,000 | | | | | | | |
| Water | | | 1,204,200 | 1,204,200 | 1,204,200 | 1,204,200 | 1,204,200 | 1,204,200 | 1,204,200 |
| Penalties | 0% | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 |
| UT Penalty-Leins/NSF/Metr Tamp | 0% | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 |
| Meters and Material | 0% | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 |
| Unincorporated Capital Recovery Fee | N/A | | 37,229 | 37,229 | 37,229 | 37,229 | 37,229 | 37,229 | 37,229 |
| Capital Surcharge | 0% | - | - | - | - | - | - | - | - |
| Total Operating Revenues - Water Fund | | 4,881,500 | 4,701,929 | 4,701,929 | 4,701,929 | 4,701,929 | 4,701,929 | 4,701,929 | 4,701,929 |
| Non-Operating Revenues - Water Fund | | | | | | | | | |
| Interest Income | 0% | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| Transfer In | 0% | - | - | - | - | - | - | - | - |
| Grant Revenue | N/A | | | | | | | | |
| Miscellaneous | 0% | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Total Revenues - Water Fund | | 4,885,000 | 4,705,429 | 4,705,429 | 4,705,429 | 4,705,429 | 4,705,429 | 4,705,429 | 4,705,429 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/14/2014

UTILITY FUND BASELINE REVENUE AND EXPENSE PROJECTIONS

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|----------------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Operating Revenues - Sewer Fund | | | | | | | | | |
| Capital Recovery | N/A | 1,350,000 | | | | | | | |
| Sewer | | | 1,301,400 | 1,301,400 | 1,301,400 | 1,301,400 | 1,301,400 | 1,301,400 | 1,301,400 |
| Penalties | 0% | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 |
| UT Penalty-Leins/NSF/Metr T&mp | 0% | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 |
| Sewer Fees - Usage Rates | | 2,869,650 | 2,302,744 | 2,302,744 | 2,302,744 | 2,302,744 | 2,302,744 | 2,302,744 | 2,302,744 |
| Sewer Fees - Fixed (Base) Charges | N/A | 445,000 | 536,857 | 536,857 | 536,857 | 536,857 | 536,857 | 536,857 | 536,857 |
| Sewer Fees - Pretreatment | N/A | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 |
| Sewer Fees - Pretreatment Sampling and Analysis | 0% | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 |
| Sewer Fees - Pretreatment Elk Grove | 0% | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 |
| Unincorporated Capital Recovery Fee | N/A | | 37,229 | 37,229 | 37,229 | 37,229 | 37,229 | 37,229 | 37,229 |
| Capital Surcharge | 0% | - | - | - | - | - | - | - | - |
| Total Operating Revenues - Sewer Fund | | 5,346,150 | 4,859,730 | 4,859,730 | 4,859,730 | 4,859,730 | 4,859,730 | 4,859,730 | 4,859,730 |
| Non-Operating Revenues | | | | | | | | | |
| Interest Income | 0% | 5,000 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| Debt Proceeds: Sewer | | 15,454,000 | 15,454,000 | 13,244,983 | - | - | - | - | - |
| Transfer In | 0% | - | - | - | - | - | - | - | - |
| Capital Surcharge - Sewer | N/A | - | - | - | - | - | - | - | - |
| Miscellaneous | 0% | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Total Revenues - Sewer Fund | | 20,806,150 | 20,317,230 | 18,108,213 | 4,863,230 | 4,863,230 | 4,863,230 | 4,863,230 | 4,863,230 |
| Total Revenues - Water & Sewer | | \$25,691,150 | \$25,022,659 | \$22,813,642 | \$9,568,659 | \$9,568,659 | \$9,568,659 | \$9,568,659 | \$9,568,659 |

ADMIN EXPENSES

| | | | | | | | | | |
|---------------------------------|----|---------|---------|---------|---------|---------|---------|---------|---------|
| 51030250 Utility Billing | | | | | | | | | |
| Salaries - Full-time | 3% | 204,000 | 204,000 | 210,000 | 216,000 | 222,000 | 229,000 | 236,000 | 243,000 |
| Salaries - Part-time | 3% | 31,700 | 31,700 | 32,700 | 33,700 | 34,700 | 35,700 | 36,800 | 37,900 |
| Overtime | 3% | 6,000 | 6,000 | 6,200 | 6,400 | 6,600 | 6,800 | 7,000 | 7,200 |
| Social Security | 5% | 15,000 | 15,000 | 15,800 | 16,600 | 17,400 | 18,300 | 19,200 | 20,200 |
| Medicare | 5% | 3,550 | 3,550 | 3,700 | 3,900 | 4,100 | 4,300 | 4,500 | 4,700 |
| IMRF | 5% | 30,600 | 30,600 | 32,100 | 33,700 | 35,400 | 37,200 | 39,100 | 41,100 |
| Insurance | 6% | 27,600 | 27,600 | 29,300 | 31,100 | 33,000 | 35,000 | 37,100 | 39,300 |
| Postage | 2% | 27,000 | 27,000 | 27,500 | 28,100 | 28,700 | 29,300 | 29,900 | 30,500 |
| Bank/Credit Card Fees | 2% | 22,000 | 22,000 | 22,400 | 22,800 | 23,300 | 23,800 | 24,300 | 24,800 |
| Other Contractual Services | 2% | 13,000 | 13,000 | 13,300 | 13,600 | 13,900 | 14,200 | 14,500 | 14,800 |
| Office Supplies | 2% | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/14/2014

UTILITY FUND BASELINE REVENUE AND EXPENSE PROJECTIONS

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|----------------|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 51050110 Public Works Administration | | | | | | | | | |
| Salaries - Full-time | 3% | 279,000 | 279,000 | 287,000 | 296,000 | 305,000 | 314,000 | 323,000 | 333,000 |
| Bonus | 4% | - | - | - | - | - | - | - | - |
| Overtime | 3% | - | - | - | - | - | - | - | - |
| Social Security | 5% | 17,300 | 17,300 | 18,200 | 19,100 | 20,100 | 21,100 | 22,200 | 23,300 |
| Medicare | 5% | 4,100 | 4,100 | 4,300 | 4,500 | 4,700 | 4,900 | 5,100 | 5,400 |
| IMRF | 5% | 36,000 | 36,000 | 37,800 | 39,700 | 41,700 | 43,800 | 46,000 | 48,300 |
| Insurance | 6% | 44,545 | 44,545 | 47,200 | 50,000 | 53,000 | 56,200 | 59,600 | 63,200 |
| Memberships and Dues | 2% | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 |
| Education, Seminars, and Meetings | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,400 | 5,500 | 5,600 |
| Transportation and Travel | 2% | - | - | - | - | - | - | - | - |
| Publications | 2% | - | - | - | - | - | - | - | - |
| Professional Services | 2% | - | - | - | - | - | - | - | - |
| Engineering Services | 2% | - | - | - | - | - | - | - | - |
| Postage | 2% | - | - | - | - | - | - | - | - |
| Legal Notices | 2% | 350 | 350 | 360 | 370 | 380 | 390 | 400 | 410 |
| Printing | 2% | 500 | 500 | 510 | 520 | 530 | 540 | 550 | 560 |
| Physical Exams | 2% | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| R&M Communication System | 2% | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| R&M Building | 2% | - | - | - | - | - | - | - | - |
| Other Contractual Services | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,400 | 5,500 | 5,600 |
| Office Supplies | 2% | 6,000 | 6,000 | 6,100 | 6,200 | 6,300 | 6,400 | 6,500 | 6,600 |
| Uniforms | 2% | 500 | 500 | 510 | 520 | 530 | 540 | 550 | 560 |
| Permits & Licenses | 2% | 18,000 | 18,000 | 18,400 | 18,800 | 19,200 | 19,600 | 20,000 | 20,400 |
| Depreciation Expense | 2% | - | - | - | - | - | - | - | - |
| Amortization of Premium / Discount | 2% | - | - | - | - | - | - | - | - |
| Transfer to Storm Water (To 51200000) | 0% | - | - | - | - | - | - | - | - |
| TOTAL ADMIN EXPENSES | | 800,645 | 800,645 | 827,480 | 855,910 | 885,040 | 915,770 | 947,200 | 980,330 |
| Water Share Administrative Expenses (50%) | | 400,323 | 400,323 | 413,740 | 427,955 | 442,520 | 457,885 | 473,600 | 490,165 |
| Sewer Share Administrative Expenses (50%) | | 400,323 | 400,323 | 413,740 | 427,955 | 442,520 | 457,885 | 473,600 | 490,165 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/IES
Updated: 5/14/2014

UTILITY FUND BASELINE REVENUE AND EXPENSE PROJECTIONS

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| WATER FUND | | | | | | | | | |
| Direct Cost for Water Purchase | | | | | | | | | |
| DuPage Water Comm. - Fixed Chg. | 0% | 182,250 | 182,000 | 189,000 | 270,000 | 351,000 | 351,000 | 351,000 | 351,000 |
| DuPage Water Comm. - Water Purchase | | 2,241,000 | 2,679,750 | 3,159,000 | 3,449,250 | 3,552,728 | 3,659,309 | 3,769,089 | 3,882,161 |
| 51050543 Meter Program (5020 Water Customer Service) | | | | | | | | | |
| R&M Material and Equipment | 0% | - | - | - | - | - | - | - | - |
| Telephone | 0% | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| Maintenance Agreements | 0% | 19,100 | 19,100 | 19,100 | 19,100 | 19,100 | 19,100 | 19,100 | 19,100 |
| Rental and Lease Purchase | 0% | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Rental and Lease - Equipment | 0% | - | - | - | - | - | - | - | - |
| Fuel, Gas, and Oil | 0% | - | - | - | - | - | - | - | - |
| Water Meters | 0% | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 |
| 51050540 Water Distribution | | | | | | | | | |
| Salaries - Full-time | 3% | 284,500 | 284,500 | 293,040 | 301,830 | 310,880 | 320,210 | 329,820 | 339,710 |
| Salaries - Part-time | 3% | 49,000 | 49,000 | 50,470 | 51,980 | 53,540 | 55,150 | 56,800 | 58,500 |
| Overtime | 5% | 55,000 | 55,000 | 57,750 | 60,640 | 63,670 | 66,850 | 70,190 | 73,700 |
| Social Security | 5% | 24,100 | 24,100 | 25,310 | 26,580 | 27,910 | 29,310 | 30,780 | 32,320 |
| Medicare | 5% | 5,700 | 5,700 | 5,990 | 6,290 | 6,600 | 6,930 | 7,280 | 7,640 |
| IMRF | 5% | 47,000 | 47,000 | 49,350 | 51,820 | 54,410 | 57,130 | 59,990 | 62,990 |
| Insurance | 6% | 53,950 | 53,950 | 57,190 | 60,620 | 64,260 | 68,120 | 72,210 | 76,540 |
| Education, Seminars, and Meetings | 2% | - | - | - | - | - | - | - | - |
| Transportation and Travel | 2% | - | - | - | - | - | - | - | - |
| Publications | 2% | - | - | - | - | - | - | - | - |
| Physical Exams | 2% | - | - | - | - | - | - | - | - |
| Maintenance Agreements | 2% | - | - | - | - | - | - | - | - |
| R&M Material and Equipment | 2% | - | - | - | - | - | - | - | - |
| R&M Vehicles | 2% | 21,600 | 21,600 | 22,030 | 22,470 | 22,920 | 23,380 | 23,850 | 24,330 |
| R&M Communication System | 2% | - | - | - | - | - | - | - | - |
| R&M Pavement | 2% | - | - | - | - | - | - | - | - |
| R&M Right of Way | 2% | 25,000 | 25,000 | 25,500 | 26,010 | 26,530 | 27,060 | 27,600 | 28,150 |
| Rental and Lease Purchase | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,410 | 5,520 | 5,630 |
| Rental and Lease - Equipment | 2% | - | - | - | - | - | - | - | - |
| Other Contractual Services | 3% | 210,000 | 210,000 | 210,000 | 210,000 | 210,000 | 210,000 | 210,000 | 210,000 |
| Photo Supplies | 2% | - | - | - | - | - | - | - | - |
| Office Supplies | 2% | - | - | - | - | - | - | - | - |
| Materials & Supplies - Traffic Safety | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,410 | 5,520 | 5,630 |
| Materials & Supplies - Water Mains | 2% | 130,000 | 130,000 | 132,600 | 135,250 | 137,960 | 140,720 | 143,530 | 146,400 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/14/2014

UTILITY FUND BASELINE REVENUE AND EXPENSE PROJECTIONS

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|---------------------------|---------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Materials & Supplies - Gravel/Asphalt | 2% | 20,000 | 20,000 | 20,400 | 20,810 | 21,230 | 21,650 | 22,080 | 22,520 |
| Paint | 2% | 1,000 | 1,000 | 1,020 | 1,040 | 1,060 | 1,080 | 1,100 | 1,120 |
| Fuel, Gas, and Oil | 4% | 50,000 | 50,000 | 52,000 | 54,080 | 56,240 | 58,490 | 60,830 | 63,260 |
| Small Tools and Equipment | 2% | 30,000 | 30,000 | 30,600 | 31,210 | 31,830 | 32,470 | 33,120 | 33,780 |
| Uniforms | 2% | 2,500 | 2,500 | 2,550 | 2,600 | 2,650 | 2,700 | 2,750 | 2,810 |
| Disposal Charges | 2% | 25,000 | 25,000 | 25,500 | 26,010 | 26,530 | 27,060 | 27,600 | 28,150 |
| Machinery and Equipment | 2% | - | - | - | - | - | - | - | - |
| 51050550 Water Production | | | | | | | | | |
| Salaries - Full-time | 3% | 102,500 | 102,500 | 105,580 | 108,750 | 112,010 | 115,370 | 118,830 | 122,390 |
| Overtime | 3% | 15,000 | 15,000 | 15,450 | 15,910 | 16,390 | 16,880 | 17,390 | 17,910 |
| Social Security | 5% | 7,300 | 7,300 | 7,670 | 8,050 | 8,450 | 8,870 | 9,310 | 9,780 |
| Medicare | 5% | 1,750 | 1,750 | 1,840 | 1,930 | 2,030 | 2,130 | 2,240 | 2,350 |
| IMRF | 5% | 15,300 | 15,300 | 16,070 | 16,870 | 17,710 | 18,600 | 19,530 | 20,510 |
| Insurance | 3% | 33,045 | 33,045 | 34,040 | 35,060 | 36,110 | 37,190 | 38,310 | 39,460 |
| Education, Seminars, and Meetings | 2% | - | - | - | - | - | - | - | - |
| Electricity | 3% | 70,000 | 70,000 | 72,100 | 74,260 | 76,490 | 78,780 | 81,140 | 83,570 |
| Natural Gas | 3% | - | - | - | - | - | - | - | - |
| Maintenance Agreements | 2% | 2,000 | 2,000 | 2,040 | 2,080 | 2,120 | 2,160 | 2,200 | 2,240 |
| R&M Material and Equipment | 2% | - | - | - | - | - | - | - | - |
| R&M Vehicles | 2% | 1,900 | 1,900 | 1,940 | 1,980 | 2,020 | 2,060 | 2,100 | 2,140 |
| R&M Communication System | 2% | - | - | - | - | - | - | - | - |
| Laboratory Testing | 2% | 25,000 | 25,000 | 25,500 | 26,010 | 26,530 | 27,060 | 27,600 | 28,150 |
| Rental and Lease | 2% | 1,000 | 1,000 | 1,020 | 1,040 | 1,060 | 1,080 | 1,100 | 1,120 |
| Other Contractual Services | 3% | 25,000 | 25,000 | 25,750 | 26,520 | 27,320 | 28,140 | 28,980 | 29,850 |
| Paint | 2% | 5,500 | 5,500 | 5,610 | 5,720 | 5,830 | 5,950 | 6,070 | 6,190 |
| Fuel, Gas, and Oil | 4% | - | - | - | - | - | - | - | - |
| Small Tools and Equipment | 2% | 1,000 | 1,000 | 1,020 | 1,040 | 1,060 | 1,080 | 1,100 | 1,120 |
| Uniforms | 2% | - | - | - | - | - | - | - | - |
| WATER FUND EXPENSES | | 3,804,495 | 4,242,995 | 4,765,730 | 5,174,710 | 5,398,278 | 5,545,389 | 5,697,159 | 5,853,721 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/14/2014

UTILITY FUND BASELINE REVENUE AND EXPENSE PROJECTIONS

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| SEWER FUND | | | | | | | | | |
| 51050560 Wastewater Conveyance | | | | | | | | | |
| Salaries - Full-time | 3% | 152,500 | 152,500 | 157,080 | 161,790 | 166,640 | 171,640 | 176,790 | 182,090 |
| Social Security | 4% | 9,500 | 9,500 | 9,880 | 10,280 | 10,690 | 11,120 | 11,560 | 12,020 |
| Medicare | 5% | 2,250 | 2,250 | 2,360 | 2,480 | 2,600 | 2,730 | 2,870 | 3,010 |
| IMRF | 5% | 19,800 | 19,800 | 20,790 | 21,830 | 22,920 | 24,070 | 25,270 | 26,530 |
| Insurance | 3% | 54,850 | 54,850 | 56,500 | 58,200 | 59,950 | 61,750 | 63,600 | 65,510 |
| Rental & Lease Purchase | 3% | 2,000 | 2,000 | 2,060 | 2,120 | 2,180 | 2,250 | 2,320 | 2,390 |
| R&M Material and Equipment | 2% | 3,000 | 3,000 | 3,060 | 3,120 | 3,180 | 3,240 | 3,300 | 3,370 |
| R&M Right of Way | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Other Contractual Services | 2% | 31,000 | 31,000 | 31,620 | 32,250 | 32,900 | 33,560 | 34,230 | 34,910 |
| Gravel / Asphalt | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Small Tools | 2% | 2,000 | 2,000 | 2,040 | 2,080 | 2,120 | 2,160 | 2,200 | 2,240 |
| Disposal Charges | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Chemicals | 2% | - | - | - | - | - | - | - | - |
| 51050570 Wastewater Treatment | | | | | | | | | |
| Salaries - Full-time | 5% | 508,500 | 508,500 | 533,900 | 560,600 | 588,600 | 618,000 | 648,900 | 681,300 |
| Salaries - Part-time | 5% | - | - | - | - | - | - | - | - |
| Overtime | 5% | - | - | - | - | - | - | - | - |
| Social Security | 5% | 31,500 | 31,500 | 33,080 | 34,730 | 36,470 | 38,290 | 40,200 | 42,210 |
| Medicare | 5% | 7,400 | 7,400 | 7,770 | 8,160 | 8,570 | 9,000 | 9,450 | 9,920 |
| IMRF | 5% | 65,800 | 65,800 | 69,090 | 72,540 | 76,170 | 79,980 | 83,980 | 88,180 |
| Insurance | 3% | 129,550 | 129,550 | 133,440 | 137,440 | 141,560 | 145,810 | 150,180 | 154,690 |
| Membership Dues | 2% | 2,000 | 2,000 | 2,040 | 2,080 | 2,120 | 2,160 | 2,200 | 2,240 |
| Education Seminars | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Professional Services | 2% | - | - | - | - | - | - | - | - |
| Engineering Services | 2% | 37,500 | 37,500 | 38,250 | 39,020 | 39,800 | 40,600 | 41,410 | 42,240 |
| Telephone | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Electricity | 2% | 350,000 | 350,000 | 357,000 | 364,140 | 371,420 | 378,850 | 386,430 | 394,160 |
| Raw Materials and Equipment | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| R&M Vehicles | 2% | 15,000 | 15,000 | 15,300 | 15,610 | 15,920 | 16,240 | 16,560 | 16,890 |
| Office Supplies | 2% | 7,000 | 7,000 | 7,140 | 7,280 | 7,430 | 7,580 | 7,730 | 7,880 |
| Lab Supplies | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,410 | 5,520 | 5,630 |
| Fuel / Gas / Oil | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,410 | 5,520 | 5,630 |
| Chemicals | 2% | 75,000 | 75,000 | 76,500 | 78,030 | 79,590 | 81,180 | 82,800 | 84,460 |
| Small Tools | 2% | 24,500 | 24,500 | 24,990 | 25,490 | 26,000 | 26,520 | 27,050 | 27,590 |
| Uniforms | 2% | 3,000 | 3,000 | 3,060 | 3,120 | 3,180 | 3,240 | 3,300 | 3,370 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/14/2014

UTILITY FUND BASELINE REVENUE AND EXPENSE PROJECTIONS

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|----------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| R&M Right of Way | 2% | - | - | - | - | - | - | - | - |
| Laboratory Testing | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Variable Cost Expense (Electricity, Gas, Etc) | 3% | - | - | - | - | - | - | - | - |
| Other Contractual Service (United Water) | 1% | - | - | - | - | - | - | - | - |
| Other Contractual Service | 2% | 342,000 | 342,000 | 348,840 | 355,820 | 362,940 | 370,200 | 377,600 | 385,150 |
| Rental & Lease Purchase | 2% | 3,500 | 3,500 | 3,570 | 3,640 | 3,710 | 3,780 | 3,860 | 3,940 |
| 51050577 Wastewater-Pretreatment | | | | | | | | | |
| Salaries - Full-time | 4% | 23,500 | 23,500 | 24,440 | 25,420 | 26,440 | 27,500 | 28,600 | 29,740 |
| Overtime | 4% | - | - | - | - | - | - | - | - |
| Social Security | 5% | 1,450 | 1,450 | 1,520 | 1,600 | 1,680 | 1,760 | 1,850 | 1,940 |
| Medicare | 5% | 350 | 350 | 370 | 390 | 410 | 430 | 450 | 470 |
| IMRF | 5% | 3,000 | 3,000 | 3,150 | 3,310 | 3,480 | 3,650 | 3,830 | 4,020 |
| Insurance | 3% | - | - | - | - | - | - | - | - |
| Education, Seminars, and Meetings | 2% | - | - | - | - | - | - | - | - |
| Transportation and Travel | 2% | - | - | - | - | - | - | - | - |
| Engineering Services - Environmental | 2% | 100,000 | 100,000 | 102,000 | 104,040 | 106,120 | 108,240 | 110,400 | 112,610 |
| Printing | 2% | - | - | - | - | - | - | - | - |
| R&M Material and Equipment | 2% | - | - | - | - | - | - | - | - |
| R&M Vehicles | 2% | - | - | - | - | - | - | - | - |
| Laboratory Testing | 2% | 65,000 | 65,000 | 66,300 | 67,630 | 68,980 | 70,360 | 71,770 | 73,210 |
| Other Contractual Services | 2% | 4,000 | 4,000 | 4,080 | 4,160 | 4,240 | 4,320 | 4,410 | 4,500 |
| Materials & Supplies - Vehicles | 2% | - | - | - | - | - | - | - | - |
| Materials & Supplies - Laboratory | 2% | - | - | - | - | - | - | - | - |
| Fuel, Gas, and Oil | 3% | - | - | - | - | - | - | - | - |
| Chemicals | 2% | - | - | - | - | - | - | - | - |
| Small Tools and Equipment | 2% | - | - | - | - | - | - | - | - |
| Uniforms | 2% | - | - | - | - | - | - | - | - |
| SEWER FUND EXPENSES | | 2,156,450 | 2,156,450 | 2,222,820 | 2,291,600 | 2,362,880 | 2,436,770 | 2,513,420 | 2,592,860 |
| 51080800 CIP Municipal Facilities | | | | | | | | | |
| Buildings | 3% | - | - | - | - | - | - | - | - |
| Furniture & Fixtures | 3% | - | - | - | - | - | - | - | - |
| Machinery & Equipment | 3% | - | - | - | - | - | - | - | - |
| Fleet | 3% | 65,000 | 65,000 | 66,950 | 68,960 | 71,030 | 73,160 | 75,350 | 77,610 |
| Sub-Total CIP Municipal Facilities | | 65,000 | 65,000 | 66,950 | 68,960 | 71,030 | 73,160 | 75,350 | 77,610 |
| Water Share of Municipal Facilities (50%) | | 32,500 | 32,500 | 33,475 | 34,480 | 35,515 | 36,580 | 37,675 | 38,805 |
| Sewer Share of Municipal Facilities (50%) | | 32,500 | 32,500 | 33,475 | 34,480 | 35,515 | 36,580 | 37,675 | 38,805 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/14/2014

UTILITY FUND BASELINE REVENUE AND EXPENSE PROJECTIONS

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| CAPITAL PROJECTS - WATER | | | | | | | | | |
| 51080860 CIP Water System | | 2,891,000 | 2,891,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 |
| Sub-Total Capital Projects - Water | | \$2,891,000 | \$2,891,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 |
| CAPITAL PROJECTS - SEWER | | | | | | | | | |
| 51080870 CIP Sanitary Sewer System | | 250,000 | 250,000 | 900,000 | 900,000 | 900,000 | 900,000 | 900,000 | 900,000 |
| 51080880 CIP WWTP | | 15,454,000 | 15,454,000 | 13,244,983 | - | - | - | - | - |
| Sub-Total Capital Projects - Sewer | | \$15,704,000 | \$15,704,000 | \$14,144,983 | \$900,000 | \$900,000 | \$900,000 | \$900,000 | \$900,000 |
| 51090920 Debt Service | | | | | | | | | |
| Existing Bonds (Restructured) and 2012 Bonds | | 957,825 | 957,825 | 875,785 | 876,540 | 878,648 | 875,255 | 906,315 | 906,315 |
| Debt Service Fees | | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 |
| Lien Processing | | - | - | - | - | - | - | - | - |
| Sub-Total Debt Service | | \$960,825 | \$960,825 | \$878,785 | \$879,540 | \$881,648 | \$878,255 | \$909,315 | \$909,315 |
| Water Share of Debt Service (50%) | | \$480,413 | \$480,413 | \$439,393 | \$439,770 | \$440,824 | \$439,128 | \$454,658 | \$454,658 |
| Sewer Share of Debt Service (50%) | | \$480,413 | \$480,413 | \$439,393 | \$439,770 | \$440,824 | \$439,128 | \$454,658 | \$454,658 |
| Debt Service - IEPA Loans (WWTP Phase I and II) | | | | | | | | | |
| | | - | - | 1,800,000 | 1,800,000 | 1,800,000 | 1,800,000 | 1,800,000 | 1,800,000 |
| Transfer to General Fund | | 540,000 | 540,000 | 400,000 | 412,000 | 424,400 | 437,100 | 450,200 | 463,700 |
| Water Share of Transfer to General Fund (50%) | | 270,000 | 270,000 | 200,000 | 206,000 | 212,200 | 218,550 | 225,100 | 231,850 |
| Sewer Share of Transfer to General Fund (50%) | | 270,000 | 270,000 | 200,000 | 206,000 | 212,200 | 218,550 | 225,100 | 231,850 |
| Total Water Expenses | | | | | | | | | |
| | | \$ 7,878,730 | \$ 8,317,230 | \$ 7,352,338 | \$ 7,782,915 | \$ 8,029,337 | \$ 8,197,532 | \$ 8,388,191 | \$ 8,569,199 |
| Total Sewer Expenses | | | | | | | | | |
| | | \$ 19,043,685 | \$ 19,043,685 | \$ 19,254,411 | \$ 6,099,805 | \$ 6,193,939 | \$ 6,288,913 | \$ 6,404,453 | \$ 6,508,338 |
| Total Expenses - Water & Sewer | | | | | | | | | |
| | | \$ 26,922,415 | \$ 27,360,915 | \$ 26,606,748 | \$ 13,882,720 | \$ 14,223,276 | \$ 14,486,444 | \$ 14,792,644 | \$ 15,077,536 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/14/2014

UTILITY FUND BASELINE REVENUE AND EXPENSE PROJECTIONS

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|---------------------------|---------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Beginning Operating Balance - Water | | 1,441,199 | 1,441,199 | (2,170,602) | (4,817,511) | (7,894,997) | (11,218,904) | (14,711,007) | (18,393,769) |
| Total Revenues | | 4,885,000 | 4,705,429 | 4,705,429 | 4,705,429 | 4,705,429 | 4,705,429 | 4,705,429 | 4,705,429 |
| Total Expenses | | 7,878,730 | 8,317,230 | 7,352,338 | 7,782,915 | 8,029,337 | 8,197,532 | 8,388,191 | 8,569,199 |
| Net Operating Income (Loss) | | (2,993,730) | (3,611,801) | (2,646,908) | (3,077,486) | (3,323,907) | (3,492,103) | (3,682,762) | (3,863,770) |
| Ending Operating Balance | | (1,552,532) | (2,170,602) | (4,817,511) | (7,894,997) | (11,218,904) | (14,711,007) | (18,393,769) | (22,257,538) |
| Target Fund Balance | | 951,124 | 1,060,749 | 1,191,433 | 1,293,678 | 1,349,569 | 1,386,347 | 1,424,290 | 1,463,430 |
| Beginning Operating Balance - Sewer | | 6,109,051 | 6,109,051 | 7,382,595 | 6,236,397 | 4,999,822 | 3,669,112 | 2,243,429 | 702,206 |
| Total Revenues | | 20,806,150 | 20,317,230 | 18,108,213 | 4,863,230 | 4,863,230 | 4,863,230 | 4,863,230 | 4,863,230 |
| Total Revenues Less Debt Proceeds | | 5,352,150 | 4,863,230 | 4,863,230 | 4,863,230 | 4,863,230 | 4,863,230 | 4,863,230 | 4,863,230 |
| Total Expenses | | 19,043,685 | 19,043,685 | 19,254,411 | 6,099,805 | 6,193,939 | 6,288,913 | 6,404,453 | 6,508,338 |
| Total Expenses Less Debt Funded Construction | | 3,589,685 | 3,589,685 | 6,009,428 | 6,099,805 | 6,193,939 | 6,288,913 | 6,404,453 | 6,508,338 |
| Net Operating Income (Loss) | | 1,762,465 | 1,273,545 | (1,146,198) | (1,236,575) | (1,330,709) | (1,425,683) | (1,541,223) | (1,645,108) |
| Ending Operating Balance | | 7,871,516 | 7,382,595 | 6,236,397 | 4,999,822 | 3,669,112 | 2,243,429 | 702,206 | (942,901) |
| Target Fund Balance | | 539,113 | 539,113 | 555,705 | 572,900 | 590,720 | 609,193 | 628,355 | 648,215 |
| Beginning Operating Balance - Combined Water & Sewer | | 7,550,249 | 7,550,249 | 5,211,993 | 1,418,886 | (2,895,175) | (7,549,792) | (12,467,577) | (17,691,562) |
| Total Revenues | | 25,691,150 | 25,022,659 | 22,813,642 | 9,568,659 | 9,568,659 | 9,568,659 | 9,568,659 | 9,568,659 |
| Total Revenues Less Debt Proceeds | | 10,237,150 | 9,568,659 | 9,568,659 | 9,568,659 | 9,568,659 | 9,568,659 | 9,568,659 | 9,568,659 |
| Total Expenses | | 26,922,415 | 27,360,915 | 26,606,748 | 13,882,720 | 14,223,276 | 14,486,444 | 14,792,644 | 15,077,536 |
| Total Expenses Less Debt Funded Construction | | 11,468,415 | 11,906,915 | 13,361,765 | 13,882,720 | 14,223,276 | 14,486,444 | 14,792,644 | 15,077,536 |
| Net Operating Income (Loss) | | (1,231,265) | (2,338,256) | (3,793,106) | (4,314,061) | (4,654,617) | (4,917,786) | (5,223,985) | (5,508,878) |
| Ending Operating Balance | | 6,318,984 | 5,211,993 | 1,418,886 | (2,895,175) | (7,549,792) | (12,467,577) | (17,691,562) | (23,200,440) |
| Target Fund Balance | | 1,490,236 | 1,599,861 | 1,747,138 | 1,866,578 | 1,940,289 | 1,995,540 | 2,052,645 | 2,111,645 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 1

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| REVENUES | | | | | | | | | |
| Operating Revenues - Water Fund | | | | | | | | | |
| Water Sales - Usage Rates | | 3,100,000 | 3,185,382 | 3,608,421 | 3,940,566 | 4,301,599 | 4,696,103 | 5,128,402 | 5,601,521 |
| Water Sales - Debt Service | N/A | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Water Sales - Fixed (Base) Charges | N/A | 260,000 | 282,540 | 317,805 | 347,036 | 378,852 | 413,747 | 451,969 | 493,714 |
| Capital Recovery | N/A | 1,350,000 | | | | | | | |
| Water | | | 1,260,900 | 1,416,600 | 1,544,400 | 1,687,500 | 1,842,300 | 2,012,400 | 2,198,700 |
| Penalties | 0% | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 |
| UT Penalty-Leins/NSF/Metr Tamp | 0% | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 |
| Meters and Material | 0% | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 |
| Unincorporated Capital Recovery Fee | N/A | | 18,614 | - | - | - | - | - | - |
| Capital Surcharge | 0% | - | - | - | - | - | - | - | - |
| Total Operating Revenues - Water Fund | | 4,881,500 | 4,918,936 | 5,514,326 | 6,003,501 | 6,539,451 | 7,123,650 | 7,764,272 | 8,465,435 |
| Non-Operating Revenues - Water Fund | | | | | | | | | |
| Interest Income | 0% | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| Transfer In | 0% | - | - | - | - | - | - | - | - |
| Grant Revenue | N/A | - | - | - | - | - | - | - | - |
| Miscellaneous | 0% | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Total Revenues - Water Fund | | 4,885,000 | 4,922,436 | 5,517,826 | 6,007,001 | 6,542,951 | 7,127,150 | 7,767,772 | 8,468,935 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 1

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|-----------------------|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Operating Revenues - Sewer Fund | | | | | | | | | |
| Capital Recovery | N/A | 1,350,000 | | | | | | | |
| Sewer | | | 1,373,521 | 1,555,576 | 1,696,659 | 1,853,316 | 2,021,882 | 2,206,023 | 2,406,654 |
| Penalties | 0% | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 |
| UT Penalty-Leins/NSF/Metr Tamp | 0% | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 |
| Sewer Fees - Usage Rates | | 2,869,650 | 2,408,489 | 2,707,829 | 2,958,671 | 3,231,745 | 3,530,218 | 3,855,895 | 4,209,011 |
| Sewer Fees - Fixed (Base) Charges | N/A | 445,000 | 562,038 | 632,433 | 690,758 | 754,157 | 823,376 | 899,179 | 982,023 |
| Sewer Fees - Pretreatment | N/A | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 |
| Sewer Fees - Pretreatment Sampling and Analysis | 0% | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 |
| Sewer Fees - Pretreatment Elk Grove | 0% | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 |
| Unincorporated Capital Recovery Fee | N/A | | 18,614 | - | - | - | - | - | - |
| Capital Surcharge | 0% | - | - | - | - | - | - | - | 1 |
| Total Operating Revenues - Sewer Fund | | 5,346,150 | 5,044,162 | 5,577,338 | 6,027,588 | 6,520,718 | 7,056,977 | 7,642,597 | 8,279,189 |
| Non-Operating Revenues | | | | | | | | | |
| Interest Income | 0% | 5,000 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| Debt Proceeds: Sewer | | 15,454,000 | 15,454,000 | 13,244,983 | - | - | - | - | - |
| Transfer In | 0% | - | - | - | - | - | - | - | - |
| Capital Surcharge - Sewer | N/A | - | - | - | - | - | - | - | - |
| Miscellaneous | 0% | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Total Revenues - Sewer Fund | | 20,806,150 | 20,501,662 | 18,825,821 | 6,031,088 | 6,524,218 | 7,060,477 | 7,646,097 | 8,282,689 |
| Total Revenues - Water & Sewer | | \$25,691,150 | \$25,424,098 | \$24,343,647 | \$12,038,090 | \$13,067,169 | \$14,187,627 | \$15,413,868 | \$16,751,624 |

ADMIN EXPENSES

| | | | | | | | | | |
|---------------------------------|----|---------|---------|---------|---------|---------|---------|---------|---------|
| 51030250 Utility Billing | | | | | | | | | |
| Salaries - Full-time | 3% | 204,000 | 204,000 | 210,000 | 216,000 | 222,000 | 229,000 | 236,000 | 243,000 |
| Salaries - Part-time | 3% | 31,700 | 31,700 | 32,700 | 33,700 | 34,700 | 35,700 | 36,800 | 37,900 |
| Overtime | 3% | 6,000 | 6,000 | 6,200 | 6,400 | 6,600 | 6,800 | 7,000 | 7,200 |
| Social Security | 5% | 15,000 | 15,000 | 15,800 | 16,600 | 17,400 | 18,300 | 19,200 | 20,200 |
| Medicare | 5% | 3,550 | 3,550 | 3,700 | 3,900 | 4,100 | 4,300 | 4,500 | 4,700 |
| IMRF | 5% | 30,600 | 30,600 | 32,100 | 33,700 | 35,400 | 37,200 | 39,100 | 41,100 |
| Insurance | 6% | 27,600 | 27,600 | 29,300 | 31,100 | 33,000 | 35,000 | 37,100 | 39,300 |
| Postage | 2% | 27,000 | 27,000 | 27,500 | 28,100 | 28,700 | 29,300 | 29,900 | 30,500 |
| Bank/Credit Card Fees | 2% | 22,000 | 22,000 | 22,400 | 22,800 | 23,300 | 23,800 | 24,300 | 24,800 |
| Other Contractual Services | 2% | 13,000 | 13,000 | 13,300 | 13,600 | 13,900 | 14,200 | 14,500 | 14,800 |
| Office Supplies | 2% | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 1

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 51050110 Public Works Administration | | | | | | | | | |
| Salaries - Full-time | 3% | 279,000 | 279,000 | 287,000 | 296,000 | 305,000 | 314,000 | 323,000 | 333,000 |
| Bonus | 4% | - | - | - | - | - | - | - | - |
| Overtime | 3% | - | - | - | - | - | - | - | - |
| Social Security | 5% | 17,300 | 17,300 | 18,200 | 19,100 | 20,100 | 21,100 | 22,200 | 23,300 |
| Medicare | 5% | 4,100 | 4,100 | 4,300 | 4,500 | 4,700 | 4,900 | 5,100 | 5,400 |
| IMRF | 5% | 36,000 | 36,000 | 37,800 | 39,700 | 41,700 | 43,800 | 46,000 | 48,300 |
| Insurance | 6% | 44,545 | 44,545 | 47,200 | 50,000 | 53,000 | 56,200 | 59,600 | 63,200 |
| Memberships and Dues | 2% | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 |
| Education, Seminars, and Meetings | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,400 | 5,500 | 5,600 |
| Transportation and Travel | 2% | - | - | - | - | - | - | - | - |
| Publications | 2% | - | - | - | - | - | - | - | - |
| Professional Services | 2% | - | - | - | - | - | - | - | - |
| Engineering Services | 2% | - | - | - | - | - | - | - | - |
| Postage | 2% | - | - | - | - | - | - | - | - |
| Legal Notices | 2% | 350 | 350 | 360 | 370 | 380 | 390 | 400 | 410 |
| Printing | 2% | 500 | 500 | 510 | 520 | 530 | 540 | 550 | 560 |
| Physical Exams | 2% | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| R&M Communication System | 2% | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| R&M Building | 2% | - | - | - | - | - | - | - | - |
| Other Contractual Services | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,400 | 5,500 | 5,600 |
| Office Supplies | 2% | 6,000 | 6,000 | 6,100 | 6,200 | 6,300 | 6,400 | 6,500 | 6,600 |
| Uniforms | 2% | 500 | 500 | 510 | 520 | 530 | 540 | 550 | 560 |
| Permits & Licenses | 2% | 18,000 | 18,000 | 18,400 | 18,800 | 19,200 | 19,600 | 20,000 | 20,400 |
| Depreciation Expense | 2% | - | - | - | - | - | - | - | - |
| Amortization of Premium / Discount | 2% | - | - | - | - | - | - | - | - |
| Transfer to Storm Water (To 51200000) | 0% | - | - | - | - | - | - | - | - |
| TOTAL ADMIN EXPENSES | | 800,645 | 800,645 | 827,480 | 855,910 | 885,040 | 915,770 | 947,200 | 980,330 |
| Water Share Administrative Expenses (50%) | | 400,323 | 400,323 | 413,740 | 427,955 | 442,520 | 457,885 | 473,600 | 490,165 |
| Sewer Share Administrative Expenses (50%) | | 400,323 | 400,323 | 413,740 | 427,955 | 442,520 | 457,885 | 473,600 | 490,165 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 1

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|-----------------------|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| WATER FUND | | | | | | | | | |
| Direct Cost for Water Purchase | | | | | | | | | |
| DuPage Water Comm. - Fixed Chg. | 0% | 182,250 | 182,000 | 189,000 | 270,000 | 351,000 | 351,000 | 351,000 | 351,000 |
| DuPage Water Comm. - Water Purchase | | 2,241,000 | 2,679,750 | 3,159,000 | 3,449,250 | 3,552,728 | 3,659,309 | 3,769,089 | 3,882,161 |
| 51050543 Meter Program (5020 Water Customer Service) | | | | | | | | | |
| R&M Material and Equipment | 0% | - | - | - | - | - | - | - | - |
| Telephone | 0% | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| Maintenance Agreements | 0% | 19,100 | 19,100 | 19,100 | 19,100 | 19,100 | 19,100 | 19,100 | 19,100 |
| Rental and Lease Purchase | 0% | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Rental and Lease - Equipment | 0% | - | - | - | - | - | - | - | - |
| Fuel, Gas, and Oil | 0% | - | - | - | - | - | - | - | - |
| Water Meters | 0% | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 |
| 51050540 Water Distribution | | | | | | | | | |
| Salaries - Full-time | 3% | 284,500 | 284,500 | 293,040 | 301,830 | 310,880 | 320,210 | 329,820 | 339,710 |
| Salaries - Part-time | 3% | 49,000 | 49,000 | 50,470 | 51,980 | 53,540 | 55,150 | 56,800 | 58,500 |
| Overtime | 5% | 55,000 | 55,000 | 57,750 | 60,640 | 63,670 | 66,850 | 70,190 | 73,700 |
| Social Security | 5% | 24,100 | 24,100 | 25,310 | 26,580 | 27,910 | 29,310 | 30,780 | 32,320 |
| Medicare | 5% | 5,700 | 5,700 | 5,990 | 6,290 | 6,600 | 6,930 | 7,280 | 7,640 |
| IMRF | 5% | 47,000 | 47,000 | 49,350 | 51,820 | 54,410 | 57,130 | 59,990 | 62,990 |
| Insurance | 6% | 53,950 | 53,950 | 57,190 | 60,620 | 64,260 | 68,120 | 72,210 | 76,540 |
| Education, Seminars, and Meetings | 2% | - | - | - | - | - | - | - | - |
| Transportation and Travel | 2% | - | - | - | - | - | - | - | - |
| Publications | 2% | - | - | - | - | - | - | - | - |
| Physical Exams | 2% | - | - | - | - | - | - | - | - |
| Maintenance Agreements | 2% | - | - | - | - | - | - | - | - |
| R&M Material and Equipment | 2% | - | - | - | - | - | - | - | - |
| R&M Vehicles | 2% | 21,600 | 21,600 | 22,030 | 22,470 | 22,920 | 23,380 | 23,850 | 24,330 |
| R&M Communication System | 2% | - | - | - | - | - | - | - | - |
| R&M Pavement | 2% | - | - | - | - | - | - | - | - |
| R&M Right of Way | 2% | 25,000 | 25,000 | 25,500 | 26,010 | 26,530 | 27,060 | 27,600 | 28,150 |
| Rental and Lease Purchase | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,410 | 5,520 | 5,630 |
| Rental and Lease - Equipment | 2% | - | - | - | - | - | - | - | - |
| Other Contractual Services | 3% | 210,000 | 210,000 | 210,000 | 210,000 | 210,000 | 210,000 | 210,000 | 210,000 |
| Photo Supplies | 2% | - | - | - | - | - | - | - | - |
| Office Supplies | 2% | - | - | - | - | - | - | - | - |
| Materials & Supplies - Traffic Safety | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,410 | 5,520 | 5,630 |
| Materials & Supplies - Water Mains | 2% | 130,000 | 130,000 | 132,600 | 135,250 | 137,960 | 140,720 | 143,530 | 146,400 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 1

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|-----------------------|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Materials & Supplies - Gravel/Asphalt | 2% | 20,000 | 20,000 | 20,400 | 20,810 | 21,230 | 21,650 | 22,080 | 22,520 |
| Paint | 2% | 1,000 | 1,000 | 1,020 | 1,040 | 1,060 | 1,080 | 1,100 | 1,120 |
| Fuel, Gas, and Oil | 4% | 50,000 | 50,000 | 52,000 | 54,080 | 56,240 | 58,490 | 60,830 | 63,260 |
| Small Tools and Equipment | 2% | 30,000 | 30,000 | 30,600 | 31,210 | 31,830 | 32,470 | 33,120 | 33,780 |
| Uniforms | 2% | 2,500 | 2,500 | 2,550 | 2,600 | 2,650 | 2,700 | 2,750 | 2,810 |
| Disposal Charges | 2% | 25,000 | 25,000 | 25,500 | 26,010 | 26,530 | 27,060 | 27,600 | 28,150 |
| Machinery and Equipment | 2% | - | - | - | - | - | - | - | - |
| 51050550 Water Production | | | | | | | | | |
| Salaries - Full-time | 3% | 102,500 | 102,500 | 105,580 | 108,750 | 112,010 | 115,370 | 118,830 | 122,390 |
| Overtime | 3% | 15,000 | 15,000 | 15,450 | 15,910 | 16,390 | 16,880 | 17,390 | 17,910 |
| Social Security | 5% | 7,300 | 7,300 | 7,670 | 8,050 | 8,450 | 8,870 | 9,310 | 9,780 |
| Medicare | 5% | 1,750 | 1,750 | 1,840 | 1,930 | 2,030 | 2,130 | 2,240 | 2,350 |
| IMRF | 5% | 15,300 | 15,300 | 16,070 | 16,870 | 17,710 | 18,600 | 19,530 | 20,510 |
| Insurance | 3% | 33,045 | 33,045 | 34,040 | 35,060 | 36,110 | 37,190 | 38,310 | 39,460 |
| Education, Seminars, and Meetings | 2% | - | - | - | - | - | - | - | - |
| Electricity | 3% | 70,000 | 70,000 | 72,100 | 74,260 | 76,490 | 78,780 | 81,140 | 83,570 |
| Natural Gas | 3% | - | - | - | - | - | - | - | - |
| Maintenance Agreements | 2% | 2,000 | 2,000 | 2,040 | 2,080 | 2,120 | 2,160 | 2,200 | 2,240 |
| R&M Material and Equipment | 2% | - | - | - | - | - | - | - | - |
| R&M Vehicles | 2% | 1,900 | 1,900 | 1,940 | 1,980 | 2,020 | 2,060 | 2,100 | 2,140 |
| R&M Communication System | 2% | - | - | - | - | - | - | - | - |
| Laboratory Testing | 2% | 25,000 | 25,000 | 25,500 | 26,010 | 26,530 | 27,060 | 27,600 | 28,150 |
| Rental and Lease | 2% | 1,000 | 1,000 | 1,020 | 1,040 | 1,060 | 1,080 | 1,100 | 1,120 |
| Other Contractual Services | 3% | 25,000 | 25,000 | 25,750 | 26,520 | 27,320 | 28,140 | 28,980 | 29,850 |
| Paint | 2% | 5,500 | 5,500 | 5,610 | 5,720 | 5,830 | 5,950 | 6,070 | 6,190 |
| Fuel, Gas, and Oil | 4% | - | - | - | - | - | - | - | - |
| Small Tools and Equipment | 2% | 1,000 | 1,000 | 1,020 | 1,040 | 1,060 | 1,080 | 1,100 | 1,120 |
| Uniforms | 2% | - | - | - | - | - | - | - | - |
| WATER FUND EXPENSES | | 3,804,495 | 4,242,995 | 4,765,730 | 5,174,710 | 5,398,278 | 5,545,389 | 5,697,159 | 5,853,721 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

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UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 1

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| SEWER FUND | | | | | | | | | |
| 51050560 Wastewater Conveyance | | | | | | | | | |
| Salaries - Full-time | 3% | 152,500 | 152,500 | 157,080 | 161,790 | 166,640 | 171,640 | 176,790 | 182,090 |
| Social Security | 4% | 9,500 | 9,500 | 9,880 | 10,280 | 10,690 | 11,120 | 11,560 | 12,020 |
| Medicare | 5% | 2,250 | 2,250 | 2,360 | 2,480 | 2,600 | 2,730 | 2,870 | 3,010 |
| IMRF | 5% | 19,800 | 19,800 | 20,790 | 21,830 | 22,920 | 24,070 | 25,270 | 26,530 |
| Insurance | 3% | 54,850 | 54,850 | 56,500 | 58,200 | 59,950 | 61,750 | 63,600 | 65,510 |
| Rental & Lease Purchase | 3% | 2,000 | 2,000 | 2,060 | 2,120 | 2,180 | 2,250 | 2,320 | 2,390 |
| R&M Material and Equipment | 2% | 3,000 | 3,000 | 3,060 | 3,120 | 3,180 | 3,240 | 3,300 | 3,370 |
| R&M Right of Way | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Other Contractual Services | 2% | 31,000 | 31,000 | 31,620 | 32,250 | 32,900 | 33,560 | 34,230 | 34,910 |
| Gravel / Asphalt | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Small Tools | 2% | 2,000 | 2,000 | 2,040 | 2,080 | 2,120 | 2,160 | 2,200 | 2,240 |
| Disposal Charges | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Chemicals | 2% | - | - | - | - | - | - | - | - |
| 51050570 Wastewater Treatment | | | | | | | | | |
| Salaries - Full-time | 5% | 508,500 | 508,500 | 533,900 | 560,600 | 588,600 | 618,000 | 648,900 | 681,300 |
| Salaries - Part-time | 5% | - | - | - | - | - | - | - | - |
| Overtime | 5% | - | - | - | - | - | - | - | - |
| Social Security | 5% | 31,500 | 31,500 | 33,080 | 34,730 | 36,470 | 38,290 | 40,200 | 42,210 |
| Medicare | 5% | 7,400 | 7,400 | 7,770 | 8,160 | 8,570 | 9,000 | 9,450 | 9,920 |
| IMRF | 5% | 65,800 | 65,800 | 69,090 | 72,540 | 76,170 | 79,980 | 83,980 | 88,180 |
| Insurance | 3% | 129,550 | 129,550 | 133,440 | 137,440 | 141,560 | 145,810 | 150,180 | 154,690 |
| Membership Dues | 2% | 2,000 | 2,000 | 2,040 | 2,080 | 2,120 | 2,160 | 2,200 | 2,240 |
| Education Seminars | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Professional Services | 2% | - | - | - | - | - | - | - | - |
| Engineering Services | 2% | 37,500 | 37,500 | 38,250 | 39,020 | 39,800 | 40,600 | 41,410 | 42,240 |
| Telephone | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Electricity | 2% | 350,000 | 350,000 | 357,000 | 364,140 | 371,420 | 378,850 | 386,430 | 394,160 |
| Raw Materials and Equipment | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| R&M Vehicles | 2% | 15,000 | 15,000 | 15,300 | 15,610 | 15,920 | 16,240 | 16,560 | 16,890 |
| Office Supplies | 2% | 7,000 | 7,000 | 7,140 | 7,280 | 7,430 | 7,580 | 7,730 | 7,880 |
| Lab Supplies | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,410 | 5,520 | 5,630 |
| Fuel / Gas / Oil | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,410 | 5,520 | 5,630 |
| Chemicals | 2% | 75,000 | 75,000 | 76,500 | 78,030 | 79,590 | 81,180 | 82,800 | 84,460 |
| Small Tools | 2% | 24,500 | 24,500 | 24,990 | 25,490 | 26,000 | 26,520 | 27,050 | 27,590 |
| Uniforms | 2% | 3,000 | 3,000 | 3,060 | 3,120 | 3,180 | 3,240 | 3,300 | 3,370 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 1

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|----------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| R&M Right of Way | 2% | - | - | - | - | - | - | - | - |
| Laboratory Testing | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Variable Cost Expense (Electricity, Gas, Etc) | 3% | - | - | - | - | - | - | - | - |
| Other Contractual Service (United Water) | 1% | - | - | - | - | - | - | - | - |
| Other Contractual Service | 2% | 342,000 | 342,000 | 348,840 | 355,820 | 362,940 | 370,200 | 377,600 | 385,150 |
| Rental & Lease Purchase | 2% | 3,500 | 3,500 | 3,570 | 3,640 | 3,710 | 3,780 | 3,860 | 3,940 |
| 51050577 Wastewater-Pretreatment | | | | | | | | | |
| Salaries - Full-time | 4% | 23,500 | 23,500 | 24,440 | 25,420 | 26,440 | 27,500 | 28,600 | 29,740 |
| Overtime | 4% | - | - | - | - | - | - | - | - |
| Social Security | 5% | 1,450 | 1,450 | 1,520 | 1,600 | 1,680 | 1,760 | 1,850 | 1,940 |
| Medicare | 5% | 350 | 350 | 370 | 390 | 410 | 430 | 450 | 470 |
| IMRF | 5% | 3,000 | 3,000 | 3,150 | 3,310 | 3,480 | 3,650 | 3,830 | 4,020 |
| Insurance | 3% | - | - | - | - | - | - | - | - |
| Education, Seminars, and Meetings | 2% | - | - | - | - | - | - | - | - |
| Transportation and Travel | 2% | - | - | - | - | - | - | - | - |
| Engineering Services - Environmental | 2% | 100,000 | 100,000 | 102,000 | 104,040 | 106,120 | 108,240 | 110,400 | 112,610 |
| Printing | 2% | - | - | - | - | - | - | - | - |
| R&M Material and Equipment | 2% | - | - | - | - | - | - | - | - |
| R&M Vehicles | 2% | - | - | - | - | - | - | - | - |
| Laboratory Testing | 2% | 65,000 | 65,000 | 66,300 | 67,630 | 68,980 | 70,360 | 71,770 | 73,210 |
| Other Contractual Services | 2% | 4,000 | 4,000 | 4,080 | 4,160 | 4,240 | 4,320 | 4,410 | 4,500 |
| Materials & Supplies - Vehicles | 2% | - | - | - | - | - | - | - | - |
| Materials & Supplies - Laboratory | 2% | - | - | - | - | - | - | - | - |
| Fuel, Gas, and Oil | 3% | - | - | - | - | - | - | - | - |
| Chemicals | 2% | - | - | - | - | - | - | - | - |
| Small Tools and Equipment | 2% | - | - | - | - | - | - | - | - |
| Uniforms | 2% | - | - | - | - | - | - | - | - |
| SEWER FUND EXPENSES | | 2,156,450 | 2,156,450 | 2,222,820 | 2,291,600 | 2,362,880 | 2,436,770 | 2,513,420 | 2,592,860 |
| 51080800 CIP Municipal Facilities | | | | | | | | | |
| Buildings | 3% | - | - | - | - | - | - | - | - |
| Furniture & Fixtures | 3% | - | - | - | - | - | - | - | - |
| Machinery & Equipment | 3% | - | - | - | - | - | - | - | - |
| Fleet | 3% | 65,000 | 65,000 | 66,950 | 68,960 | 71,030 | 73,160 | 75,350 | 77,610 |
| Sub-Total CIP Municipal Facilities | | 65,000 | 65,000 | 66,950 | 68,960 | 71,030 | 73,160 | 75,350 | 77,610 |
| Water Share of Municipal Facilities (50%) | | 32,500 | 32,500 | 33,475 | 34,480 | 35,515 | 36,580 | 37,675 | 38,805 |
| Sewer Share of Municipal Facilities (50%) | | 32,500 | 32,500 | 33,475 | 34,480 | 35,515 | 36,580 | 37,675 | 38,805 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 1

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| CAPITAL PROJECTS - WATER | | | | | | | | | |
| 51080860 CIP Water System | | 2,891,000 | 2,891,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 |
| Sub-Total Capital Projects - Water | | \$2,891,000 | \$2,891,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 |
| CAPITAL PROJECTS - SEWER | | | | | | | | | |
| 51080870 CIP Sanitary Sewer System | | 250,000 | 250,000 | 900,000 | 900,000 | 900,000 | 900,000 | 900,000 | 900,000 |
| 51080880 CIP WWTP | | 15,454,000 | 15,454,000 | 13,244,983 | - | - | - | - | - |
| Sub-Total Capital Projects - Sewer | | \$15,704,000 | \$15,704,000 | \$14,144,983 | \$900,000 | \$900,000 | \$900,000 | \$900,000 | \$900,000 |
| 51090920 Debt Service | | | | | | | | | |
| Existing Bonds (Restructured) and 2012 Bonds | | 957,825 | 957,825 | 875,785 | 876,540 | 878,648 | 875,255 | 906,315 | 906,315 |
| Debt Service Fees | | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 |
| Lien Processing | | - | - | - | - | - | - | - | - |
| Sub-Total Debt Service | | \$960,825 | \$960,825 | \$878,785 | \$879,540 | \$881,648 | \$878,255 | \$909,315 | \$909,315 |
| Water Share of Debt Service (50%) | | \$480,413 | \$480,413 | \$439,393 | \$439,770 | \$440,824 | \$439,128 | \$454,658 | \$454,658 |
| Sewer Share of Debt Service (50%) | | \$480,413 | \$480,413 | \$439,393 | \$439,770 | \$440,824 | \$439,128 | \$454,658 | \$454,658 |
| Debt Service - IEPA Loans (WWTP Phase I and II) | | | | | | | | | |
| | | - | - | 1,800,000 | 1,800,000 | 1,800,000 | 1,800,000 | 1,800,000 | 1,800,000 |
| Transfer to General Fund | | 540,000 | 540,000 | 400,000 | 412,000 | 424,400 | 437,100 | 450,200 | 463,700 |
| Water Share of Transfer to General Fund (50%) | | 270,000 | 270,000 | 200,000 | 206,000 | 212,200 | 218,550 | 225,100 | 231,850 |
| Sewer Share of Transfer to General Fund (50%) | | 270,000 | 270,000 | 200,000 | 206,000 | 212,200 | 218,550 | 225,100 | 231,850 |
| Total Water Expenses | | | | | | | | | |
| | | \$ 7,878,730 | \$ 8,317,230 | \$ 7,352,338 | \$ 7,782,915 | \$ 8,029,337 | \$ 8,197,532 | \$ 8,388,191 | \$ 8,569,199 |
| Total Sewer Expenses | | | | | | | | | |
| | | \$ 19,043,685 | \$ 19,043,685 | \$ 19,254,411 | \$ 6,099,805 | \$ 6,193,939 | \$ 6,288,913 | \$ 6,404,453 | \$ 6,508,338 |
| Total Expenses - Water & Sewer | | | | | | | | | |
| | | \$ 26,922,415 | \$ 27,360,915 | \$ 26,606,748 | \$ 13,882,720 | \$ 14,223,276 | \$ 14,486,444 | \$ 14,792,644 | \$ 15,077,536 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 1

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|---------------------------|---------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Beginning Operating Balance - Water | | 1,441,199 | 1,441,199 | (1,953,596) | (3,788,107) | (5,564,021) | (7,050,406) | (8,120,788) | (8,741,207) |
| Total Revenues | | 4,885,000 | 4,922,436 | 5,517,826 | 6,007,001 | 6,542,951 | 7,127,150 | 7,767,772 | 8,468,935 |
| Total Expenses | | 7,878,730 | 8,317,230 | 7,352,338 | 7,782,915 | 8,029,337 | 8,197,532 | 8,388,191 | 8,569,199 |
| Net Operating Income (Loss) | | (2,993,730) | (3,394,794) | (1,834,512) | (1,775,914) | (1,486,385) | (1,070,381) | (620,420) | (100,263) |
| Ending Operating Balance | | (1,552,532) | (1,953,596) | (3,788,107) | (5,564,021) | (7,050,406) | (8,120,788) | (8,741,207) | (8,841,471) |
| Target Fund Balance | | 951,124 | 1,060,749 | 1,191,433 | 1,293,678 | 1,349,569 | 1,386,347 | 1,424,290 | 1,463,430 |
| Beginning Operating Balance - Sewer | | 6,109,051 | 6,109,051 | 7,567,027 | 7,138,438 | 7,069,721 | 7,400,000 | 8,171,565 | 9,413,209 |
| Total Revenues | | 20,806,150 | 20,501,662 | 18,825,821 | 6,031,088 | 6,524,218 | 7,060,477 | 7,646,097 | 8,282,689 |
| Total Revenues Less Debt Proceeds | | 5,352,150 | 5,047,662 | 5,580,838 | 6,031,088 | 6,524,218 | 7,060,477 | 7,646,097 | 8,282,689 |
| Total Expenses | | 19,043,685 | 19,043,685 | 19,254,411 | 6,099,805 | 6,193,939 | 6,288,913 | 6,404,453 | 6,508,338 |
| Total Expenses Less Debt Funded Construction | | 3,589,685 | 3,589,685 | 6,009,428 | 6,099,805 | 6,193,939 | 6,288,913 | 6,404,453 | 6,508,338 |
| Net Operating Income (Loss) | | 1,762,465 | 1,457,977 | (428,590) | (68,717) | 330,279 | 771,564 | 1,241,644 | 1,774,352 |
| Ending Operating Balance | | 7,871,516 | 7,567,027 | 7,138,438 | 7,069,721 | 7,400,000 | 8,171,565 | 9,413,209 | 11,187,561 |
| Target Fund Balance | | 539,113 | 539,113 | 555,705 | 572,900 | 590,720 | 609,193 | 628,355 | 648,215 |
| Beginning Operating Balance - Combined Water & Sewer | | 7,550,249 | 7,550,249 | 5,613,432 | 3,350,331 | 1,505,700 | 349,594 | 50,777 | 672,002 |
| Total Revenues | | 25,691,150 | 25,424,098 | 24,343,647 | 12,038,090 | 13,067,169 | 14,187,627 | 15,413,868 | 16,751,624 |
| Total Revenues Less Debt Proceeds | | 10,237,150 | 9,970,098 | 11,098,664 | 12,038,090 | 13,067,169 | 14,187,627 | 15,413,868 | 16,751,624 |
| Total Expenses | | 26,922,415 | 27,360,915 | 26,606,748 | 13,882,720 | 14,223,276 | 14,486,444 | 14,792,644 | 15,077,536 |
| Total Expenses Less Debt Funded Construction | | 11,468,415 | 11,906,915 | 13,361,765 | 13,882,720 | 14,223,276 | 14,486,444 | 14,792,644 | 15,077,536 |
| Net Operating Income (Loss) | | (1,231,265) | (1,936,817) | (2,263,101) | (1,844,630) | (1,156,106) | (298,817) | 621,225 | 1,674,088 |
| Ending Operating Balance | | 6,318,984 | 5,613,432 | 3,350,331 | 1,505,700 | 349,594 | 50,777 | 672,002 | 2,346,090 |
| Target Fund Balance | | 1,490,236 | 1,599,861 | 1,747,138 | 1,866,578 | 1,940,289 | 1,995,540 | 2,052,645 | 2,111,645 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 2

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| REVENUES | | | | | | | | | |
| Operating Revenues - Water Fund | | | | | | | | | |
| Water Sales - Usage Rates | | 3,100,000 | 3,276,141 | 3,752,123 | 4,033,136 | 4,337,307 | 4,663,699 | 5,013,250 | 5,390,774 |
| Water Sales - Debt Service | N/A | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Water Sales - Fixed (Base) Charges | N/A | 260,000 | 290,337 | 330,317 | 355,071 | 381,784 | 410,231 | 440,865 | 473,846 |
| Capital Recovery | N/A | 1,350,000 | | | | | | | |
| Water | | | 1,293,300 | 1,467,900 | 1,579,500 | 1,697,400 | 1,825,200 | 1,963,800 | 2,113,200 |
| Penalties | 0% | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 |
| UT Penalty-Leins/NSF/Metr Tamp | 0% | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 |
| Meters and Material | 0% | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 |
| Unincorporated Capital Recovery Fee | N/A | | 18,614 | - | - | - | - | - | - |
| Capital Surcharge | 0% | - | - | - | - | - | - | - | - |
| Total Operating Revenues - Water Fund | | 4,881,500 | 5,049,892 | 5,721,841 | 6,139,207 | 6,587,991 | 7,070,630 | 7,589,415 | 8,149,320 |
| Non-Operating Revenues - Water Fund | | | | | | | | | |
| Interest Income | 0% | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| Transfer In | 0% | - | - | - | - | - | - | - | - |
| Grant Revenue | N/A | - | - | - | - | - | - | - | - |
| Miscellaneous | 0% | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Total Revenues - Water Fund | | 4,885,000 | 5,053,392 | 5,725,341 | 6,142,707 | 6,591,491 | 7,074,130 | 7,592,915 | 8,152,820 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CF8/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 2

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|-----------------------|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Operating Revenues - Sewer Fund | | | | | | | | | |
| Capital Recovery | N/A | 1,350,000 | | | | | | | |
| Sewer | | | 1,411,998 | 1,618,788 | 1,738,801 | 1,868,890 | 2,009,973 | 2,162,049 | 2,325,119 |
| Penalties | 0% | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 |
| UT Penalty-Leins/NSF/Metr Tamp | 0% | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 |
| Sewer Fees - Usage Rates | | 2,869,650 | 2,475,679 | 2,815,006 | 3,024,525 | 3,250,202 | 3,494,901 | 3,757,023 | 4,039,339 |
| Sewer Fees - Fixed (Base) Charges | N/A | 445,000 | 577,556 | 656,887 | 706,151 | 759,040 | 816,134 | 877,272 | 942,977 |
| Sewer Fees - Pretreatment | N/A | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 |
| Sewer Fees - Pretreatment Sampling and Analysis | 0% | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 |
| Sewer Fees - Pretreatment Elk Grove | 0% | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 |
| Unincorporated Capital Recovery Fee | N/A | | 18,614 | - | - | - | - | - | - |
| Capital Surcharge | 0% | - | - | - | - | - | - | - | 1 |
| Total Operating Revenues - Sewer Fund | | 5,346,150 | 5,165,347 | 5,772,182 | 6,150,977 | 6,559,632 | 7,002,507 | 7,477,844 | 7,988,935 |
| Non-Operating Revenues | | | | | | | | | |
| Interest Income | 0% | 5,000 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| Debt Proceeds: Sewer | | 15,454,000 | 15,454,000 | 13,244,983 | - | - | - | - | - |
| Transfer In | 0% | - | - | - | - | - | - | - | - |
| Capital Surcharge - Sewer | N/A | - | - | - | - | - | - | - | - |
| Miscellaneous | 0% | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Total Revenues - Sewer Fund | | 20,806,150 | 20,622,847 | 19,020,665 | 6,154,477 | 6,563,132 | 7,006,007 | 7,481,344 | 7,992,435 |
| Total Revenues - Water & Sewer | | \$25,691,150 | \$25,676,240 | \$24,746,005 | \$12,297,184 | \$13,154,623 | \$14,080,138 | \$15,074,260 | \$16,145,256 |

ADMIN EXPENSES

| | | | | | | | | | |
|---------------------------------|----|---------|---------|---------|---------|---------|---------|---------|---------|
| 51030250 Utility Billing | | | | | | | | | |
| Salaries - Full-time | 3% | 204,000 | 204,000 | 210,000 | 216,000 | 222,000 | 229,000 | 236,000 | 243,000 |
| Salaries - Part-time | 3% | 31,700 | 31,700 | 32,700 | 33,700 | 34,700 | 35,700 | 36,800 | 37,900 |
| Overtime | 3% | 6,000 | 6,000 | 6,200 | 6,400 | 6,600 | 6,800 | 7,000 | 7,200 |
| Social Security | 5% | 15,000 | 15,000 | 15,800 | 16,600 | 17,400 | 18,300 | 19,200 | 20,200 |
| Medicare | 5% | 3,550 | 3,550 | 3,700 | 3,900 | 4,100 | 4,300 | 4,500 | 4,700 |
| IMRF | 5% | 30,600 | 30,600 | 32,100 | 33,700 | 35,400 | 37,200 | 39,100 | 41,100 |
| Insurance | 6% | 27,600 | 27,600 | 29,300 | 31,100 | 33,000 | 35,000 | 37,100 | 39,300 |
| Postage | 2% | 27,000 | 27,000 | 27,500 | 28,100 | 28,700 | 29,300 | 29,900 | 30,500 |
| Bank/Credit Card Fees | 2% | 22,000 | 22,000 | 22,400 | 22,800 | 23,300 | 23,800 | 24,300 | 24,800 |
| Other Contractual Services | 2% | 13,000 | 13,000 | 13,300 | 13,600 | 13,900 | 14,200 | 14,500 | 14,800 |
| Office Supplies | 2% | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 2

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 51050110 Public Works Administration | | | | | | | | | |
| Salaries - Full-time | 3% | 279,000 | 279,000 | 287,000 | 296,000 | 305,000 | 314,000 | 323,000 | 333,000 |
| Bonus | 4% | - | - | - | - | - | - | - | - |
| Overtime | 3% | - | - | - | - | - | - | - | - |
| Social Security | 5% | 17,300 | 17,300 | 18,200 | 19,100 | 20,100 | 21,100 | 22,200 | 23,300 |
| Medicare | 5% | 4,100 | 4,100 | 4,300 | 4,500 | 4,700 | 4,900 | 5,100 | 5,400 |
| IMRF | 5% | 36,000 | 36,000 | 37,800 | 39,700 | 41,700 | 43,800 | 46,000 | 48,300 |
| Insurance | 6% | 44,545 | 44,545 | 47,200 | 50,000 | 53,000 | 56,200 | 59,600 | 63,200 |
| Memberships and Dues | 2% | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 |
| Education, Seminars, and Meetings | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,400 | 5,500 | 5,600 |
| Transportation and Travel | 2% | - | - | - | - | - | - | - | - |
| Publications | 2% | - | - | - | - | - | - | - | - |
| Professional Services | 2% | - | - | - | - | - | - | - | - |
| Engineering Services | 2% | - | - | - | - | - | - | - | - |
| Postage | 2% | - | - | - | - | - | - | - | - |
| Legal Notices | 2% | 350 | 350 | 360 | 370 | 380 | 390 | 400 | 410 |
| Printing | 2% | 500 | 500 | 510 | 520 | 530 | 540 | 550 | 560 |
| Physical Exams | 2% | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| R&M Communication System | 2% | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| R&M Building | 2% | - | - | - | - | - | - | - | - |
| Other Contractual Services | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,400 | 5,500 | 5,600 |
| Office Supplies | 2% | 6,000 | 6,000 | 6,100 | 6,200 | 6,300 | 6,400 | 6,500 | 6,600 |
| Uniforms | 2% | 500 | 500 | 510 | 520 | 530 | 540 | 550 | 560 |
| Permits & Licenses | 2% | 18,000 | 18,000 | 18,400 | 18,800 | 19,200 | 19,600 | 20,000 | 20,400 |
| Depreciation Expense | 2% | - | - | - | - | - | - | - | - |
| Amortization of Premium / Discount | 2% | - | - | - | - | - | - | - | - |
| Transfer to Storm Water (To 51200000) | 0% | - | - | - | - | - | - | - | - |
| TOTAL ADMIN EXPENSES | | 800,645 | 800,645 | 827,480 | 855,910 | 885,040 | 915,770 | 947,200 | 980,330 |
| Water Share Administrative Expenses (50%) | | 400,323 | 400,323 | 413,740 | 427,955 | 442,520 | 457,885 | 473,600 | 490,165 |
| Sewer Share Administrative Expenses (50%) | | 400,323 | 400,323 | 413,740 | 427,955 | 442,520 | 457,885 | 473,600 | 490,165 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 2

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| WATER FUND | | | | | | | | | |
| Direct Cost for Water Purchase | | | | | | | | | |
| DuPage Water Comm. - Fixed Chg. | 0% | 182,250 | 182,000 | 189,000 | 270,000 | 351,000 | 351,000 | 351,000 | 351,000 |
| DuPage Water Comm. - Water Purchase | | 2,241,000 | 2,679,750 | 3,159,000 | 3,449,250 | 3,552,728 | 3,659,309 | 3,769,089 | 3,882,161 |
| 51050543 Meter Program (5020 Water Customer Service) | | | | | | | | | |
| R&M Material and Equipment | 0% | - | - | - | - | - | - | - | - |
| Telephone | 0% | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| Maintenance Agreements | 0% | 19,100 | 19,100 | 19,100 | 19,100 | 19,100 | 19,100 | 19,100 | 19,100 |
| Rental and Lease Purchase | 0% | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Rental and Lease - Equipment | 0% | - | - | - | - | - | - | - | - |
| Fuel, Gas, and Oil | 0% | - | - | - | - | - | - | - | - |
| Water Meters | 0% | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 |
| 51050540 Water Distribution | | | | | | | | | |
| Salaries - Full-time | 3% | 284,500 | 284,500 | 293,040 | 301,830 | 310,880 | 320,210 | 329,820 | 339,710 |
| Salaries - Part-time | 3% | 49,000 | 49,000 | 50,470 | 51,980 | 53,540 | 55,150 | 56,800 | 58,500 |
| Overtime | 5% | 55,000 | 55,000 | 57,750 | 60,640 | 63,670 | 66,850 | 70,190 | 73,700 |
| Social Security | 5% | 24,100 | 24,100 | 25,310 | 26,580 | 27,910 | 29,310 | 30,780 | 32,320 |
| Medicare | 5% | 5,700 | 5,700 | 5,990 | 6,290 | 6,600 | 6,930 | 7,280 | 7,640 |
| IMRF | 5% | 47,000 | 47,000 | 49,350 | 51,820 | 54,410 | 57,130 | 59,990 | 62,990 |
| Insurance | 6% | 53,950 | 53,950 | 57,190 | 60,620 | 64,260 | 68,120 | 72,210 | 76,540 |
| Education, Seminars, and Meetings | 2% | - | - | - | - | - | - | - | - |
| Transportation and Travel | 2% | - | - | - | - | - | - | - | - |
| Publications | 2% | - | - | - | - | - | - | - | - |
| Physical Exams | 2% | - | - | - | - | - | - | - | - |
| Maintenance Agreements | 2% | - | - | - | - | - | - | - | - |
| R&M Material and Equipment | 2% | - | - | - | - | - | - | - | - |
| R&M Vehicles | 2% | 21,600 | 21,600 | 22,030 | 22,470 | 22,920 | 23,380 | 23,850 | 24,330 |
| R&M Communication System | 2% | - | - | - | - | - | - | - | - |
| R&M Pavement | 2% | - | - | - | - | - | - | - | - |
| R&M Right of Way | 2% | 25,000 | 25,000 | 25,500 | 26,010 | 26,530 | 27,060 | 27,600 | 28,150 |
| Rental and Lease Purchase | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,410 | 5,520 | 5,630 |
| Rental and Lease - Equipment | 2% | - | - | - | - | - | - | - | - |
| Other Contractual Services | 3% | 210,000 | 210,000 | 210,000 | 210,000 | 210,000 | 210,000 | 210,000 | 210,000 |
| Photo Supplies | 2% | - | - | - | - | - | - | - | - |
| Office Supplies | 2% | - | - | - | - | - | - | - | - |
| Materials & Supplies - Traffic Safety | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,410 | 5,520 | 5,630 |
| Materials & Supplies - Water Mains | 2% | 130,000 | 130,000 | 132,600 | 135,250 | 137,960 | 140,720 | 143,530 | 146,400 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 2

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|---------------------------|---------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Materials & Supplies - Gravel/Asphalt | 2% | 20,000 | 20,000 | 20,400 | 20,810 | 21,230 | 21,650 | 22,080 | 22,520 |
| Paint | 2% | 1,000 | 1,000 | 1,020 | 1,040 | 1,060 | 1,080 | 1,100 | 1,120 |
| Fuel, Gas, and Oil | 4% | 50,000 | 50,000 | 52,000 | 54,080 | 56,240 | 58,490 | 60,830 | 63,260 |
| Small Tools and Equipment | 2% | 30,000 | 30,000 | 30,600 | 31,210 | 31,830 | 32,470 | 33,120 | 33,780 |
| Uniforms | 2% | 2,500 | 2,500 | 2,550 | 2,600 | 2,650 | 2,700 | 2,750 | 2,810 |
| Disposal Charges | 2% | 25,000 | 25,000 | 25,500 | 26,010 | 26,530 | 27,060 | 27,600 | 28,150 |
| Machinery and Equipment | 2% | - | - | - | - | - | - | - | - |
| 51050550 Water Production | | | | | | | | | |
| Salaries - Full-time | 3% | 102,500 | 102,500 | 105,580 | 108,750 | 112,010 | 115,370 | 118,830 | 122,390 |
| Overtime | 3% | 15,000 | 15,000 | 15,450 | 15,910 | 16,390 | 16,880 | 17,390 | 17,910 |
| Social Security | 5% | 7,300 | 7,300 | 7,670 | 8,050 | 8,450 | 8,870 | 9,310 | 9,780 |
| Medicare | 5% | 1,750 | 1,750 | 1,840 | 1,930 | 2,030 | 2,130 | 2,240 | 2,350 |
| IMRF | 5% | 15,300 | 15,300 | 16,070 | 16,870 | 17,710 | 18,600 | 19,530 | 20,510 |
| Insurance | 3% | 33,045 | 33,045 | 34,040 | 35,060 | 36,110 | 37,190 | 38,310 | 39,460 |
| Education, Seminars, and Meetings | 2% | - | - | - | - | - | - | - | - |
| Electricity | 3% | 70,000 | 70,000 | 72,100 | 74,260 | 76,490 | 78,780 | 81,140 | 83,570 |
| Natural Gas | 3% | - | - | - | - | - | - | - | - |
| Maintenance Agreements | 2% | 2,000 | 2,000 | 2,040 | 2,080 | 2,120 | 2,160 | 2,200 | 2,240 |
| R&M Material and Equipment | 2% | - | - | - | - | - | - | - | - |
| R&M Vehicles | 2% | 1,900 | 1,900 | 1,940 | 1,980 | 2,020 | 2,060 | 2,100 | 2,140 |
| R&M Communication System | 2% | - | - | - | - | - | - | - | - |
| Laboratory Testing | 2% | 25,000 | 25,000 | 25,500 | 26,010 | 26,530 | 27,060 | 27,600 | 28,150 |
| Rental and Lease | 2% | 1,000 | 1,000 | 1,020 | 1,040 | 1,060 | 1,080 | 1,100 | 1,120 |
| Other Contractual Services | 3% | 25,000 | 25,000 | 25,750 | 26,520 | 27,320 | 28,140 | 28,980 | 29,850 |
| Paint | 2% | 5,500 | 5,500 | 5,610 | 5,720 | 5,830 | 5,950 | 6,070 | 6,190 |
| Fuel, Gas, and Oil | 4% | - | - | - | - | - | - | - | - |
| Small Tools and Equipment | 2% | 1,000 | 1,000 | 1,020 | 1,040 | 1,060 | 1,080 | 1,100 | 1,120 |
| Uniforms | 2% | - | - | - | - | - | - | - | - |
| WATER FUND EXPENSES | | 3,804,495 | 4,242,995 | 4,765,730 | 5,174,710 | 5,398,278 | 5,545,389 | 5,697,159 | 5,853,721 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 2

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|---------------------------|---------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| SEWER FUND | | | | | | | | | |
| 51050560 Wastewater Conveyance | | | | | | | | | |
| Salaries - Full-time | 3% | 152,500 | 152,500 | 157,080 | 161,790 | 166,640 | 171,640 | 176,790 | 182,090 |
| Social Security | 4% | 9,500 | 9,500 | 9,880 | 10,280 | 10,690 | 11,120 | 11,560 | 12,020 |
| Medicare | 5% | 2,250 | 2,250 | 2,360 | 2,480 | 2,600 | 2,730 | 2,870 | 3,010 |
| IMRF | 5% | 19,800 | 19,800 | 20,790 | 21,830 | 22,920 | 24,070 | 25,270 | 26,530 |
| Insurance | 3% | 54,850 | 54,850 | 56,500 | 58,200 | 59,950 | 61,750 | 63,600 | 65,510 |
| Rental & Lease Purchase | 3% | 2,000 | 2,000 | 2,060 | 2,120 | 2,180 | 2,250 | 2,320 | 2,390 |
| R&M Material and Equipment | 2% | 3,000 | 3,000 | 3,060 | 3,120 | 3,180 | 3,240 | 3,300 | 3,370 |
| R&M Right of Way | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Other Contractual Services | 2% | 31,000 | 31,000 | 31,620 | 32,250 | 32,900 | 33,560 | 34,230 | 34,910 |
| Gravel / Asphalt | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Small Tools | 2% | 2,000 | 2,000 | 2,040 | 2,080 | 2,120 | 2,160 | 2,200 | 2,240 |
| Disposal Charges | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Chemicals | 2% | - | - | - | - | - | - | - | - |
| 51050570 Wastewater Treatment | | | | | | | | | |
| Salaries - Full-time | 5% | 508,500 | 508,500 | 533,900 | 560,600 | 588,600 | 618,000 | 648,900 | 681,300 |
| Salaries - Part-time | 5% | - | - | - | - | - | - | - | - |
| Overtime | 5% | - | - | - | - | - | - | - | - |
| Social Security | 5% | 31,500 | 31,500 | 33,080 | 34,730 | 36,470 | 38,290 | 40,200 | 42,210 |
| Medicare | 5% | 7,400 | 7,400 | 7,770 | 8,160 | 8,570 | 9,000 | 9,450 | 9,920 |
| IMRF | 5% | 65,800 | 65,800 | 69,090 | 72,540 | 76,170 | 79,980 | 83,980 | 88,180 |
| Insurance | 3% | 129,550 | 129,550 | 133,440 | 137,440 | 141,560 | 145,810 | 150,180 | 154,690 |
| Membership Dues | 2% | 2,000 | 2,000 | 2,040 | 2,080 | 2,120 | 2,160 | 2,200 | 2,240 |
| Education Seminars | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Professional Services | 2% | - | - | - | - | - | - | - | - |
| Engineering Services | 2% | 37,500 | 37,500 | 38,250 | 39,020 | 39,800 | 40,600 | 41,410 | 42,240 |
| Telephone | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Electricity | 2% | 350,000 | 350,000 | 357,000 | 364,140 | 371,420 | 378,850 | 386,430 | 394,160 |
| Raw Materials and Equipment | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| R&M Vehicles | 2% | 15,000 | 15,000 | 15,300 | 15,610 | 15,920 | 16,240 | 16,560 | 16,890 |
| Office Supplies | 2% | 7,000 | 7,000 | 7,140 | 7,280 | 7,430 | 7,580 | 7,730 | 7,880 |
| Lab Supplies | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,410 | 5,520 | 5,630 |
| Fuel / Gas / Oil | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,410 | 5,520 | 5,630 |
| Chemicals | 2% | 75,000 | 75,000 | 76,500 | 78,030 | 79,590 | 81,180 | 82,800 | 84,460 |
| Small Tools | 2% | 24,500 | 24,500 | 24,990 | 25,490 | 26,000 | 26,520 | 27,050 | 27,590 |
| Uniforms | 2% | 3,000 | 3,000 | 3,060 | 3,120 | 3,180 | 3,240 | 3,300 | 3,370 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/IES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 2

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|-----------------------|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| R&M Right of Way | 2% | - | - | - | - | - | - | - | - |
| Laboratory Testing | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Variable Cost Expense (Electricity, Gas, Etc) | 3% | - | - | - | - | - | - | - | - |
| Other Contractual Service (United Water) | 1% | - | - | - | - | - | - | - | - |
| Other Contractual Service | 2% | 342,000 | 342,000 | 348,840 | 355,820 | 362,940 | 370,200 | 377,600 | 385,150 |
| Rental & Lease Purchase | 2% | 3,500 | 3,500 | 3,570 | 3,640 | 3,710 | 3,780 | 3,860 | 3,940 |
| 51050577 Wastewater-Pretreatment | | | | | | | | | |
| Salaries - Full-time | 4% | 23,500 | 23,500 | 24,440 | 25,420 | 26,440 | 27,500 | 28,600 | 29,740 |
| Overtime | 4% | - | - | - | - | - | - | - | - |
| Social Security | 5% | 1,450 | 1,450 | 1,520 | 1,600 | 1,680 | 1,760 | 1,850 | 1,940 |
| Medicare | 5% | 350 | 350 | 370 | 390 | 410 | 430 | 450 | 470 |
| IMRF | 5% | 3,000 | 3,000 | 3,150 | 3,310 | 3,480 | 3,650 | 3,830 | 4,020 |
| Insurance | 3% | - | - | - | - | - | - | - | - |
| Education, Seminars, and Meetings | 2% | - | - | - | - | - | - | - | - |
| Transportation and Travel | 2% | - | - | - | - | - | - | - | - |
| Engineering Services - Environmental | 2% | 100,000 | 100,000 | 102,000 | 104,040 | 106,120 | 108,240 | 110,400 | 112,610 |
| Printing | 2% | - | - | - | - | - | - | - | - |
| R&M Material and Equipment | 2% | - | - | - | - | - | - | - | - |
| R&M Vehicles | 2% | - | - | - | - | - | - | - | - |
| Laboratory Testing | 2% | 65,000 | 65,000 | 66,300 | 67,630 | 68,980 | 70,360 | 71,770 | 73,210 |
| Other Contractual Services | 2% | 4,000 | 4,000 | 4,080 | 4,160 | 4,240 | 4,320 | 4,410 | 4,500 |
| Materials & Supplies - Vehicles | 2% | - | - | - | - | - | - | - | - |
| Materials & Supplies - Laboratory | 2% | - | - | - | - | - | - | - | - |
| Fuel, Gas, and Oil | 3% | - | - | - | - | - | - | - | - |
| Chemicals | 2% | - | - | - | - | - | - | - | - |
| Small Tools and Equipment | 2% | - | - | - | - | - | - | - | - |
| Uniforms | 2% | - | - | - | - | - | - | - | - |
| SEWER FUND EXPENSES | | 2,156,450 | 2,156,450 | 2,222,820 | 2,291,600 | 2,362,880 | 2,436,770 | 2,513,420 | 2,592,860 |
| 51080800 CIP Municipal Facilities | | | | | | | | | |
| Buildings | 3% | - | - | - | - | - | - | - | - |
| Furniture & Fixtures | 3% | - | - | - | - | - | - | - | - |
| Machinery & Equipment | 3% | - | - | - | - | - | - | - | - |
| Fleet | 3% | 65,000 | 65,000 | 66,950 | 68,960 | 71,030 | 73,160 | 75,350 | 77,610 |
| Sub-Total CIP Municipal Facilities | | 65,000 | 65,000 | 66,950 | 68,960 | 71,030 | 73,160 | 75,350 | 77,610 |
| Water Share of Municipal Facilities (50%) | | 32,500 | 32,500 | 33,475 | 34,480 | 35,515 | 36,580 | 37,675 | 38,805 |
| Sewer Share of Municipal Facilities (50%) | | 32,500 | 32,500 | 33,475 | 34,480 | 35,515 | 36,580 | 37,675 | 38,805 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 2

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| CAPITAL PROJECTS - WATER | | | | | | | | | |
| 51080860 CIP Water System | | 2,891,000 | 2,891,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 |
| Sub-Total Capital Projects - Water | | \$2,891,000 | \$2,891,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 |
| CAPITAL PROJECTS - SEWER | | | | | | | | | |
| 51080870 CIP Sanitary Sewer System | | 250,000 | 250,000 | 900,000 | 900,000 | 900,000 | 900,000 | 900,000 | 900,000 |
| 51080880 CIP WWTP | | 15,454,000 | 15,454,000 | 13,244,983 | - | - | - | - | - |
| Sub-Total Capital Projects - Sewer | | \$15,704,000 | \$15,704,000 | \$14,144,983 | \$900,000 | \$900,000 | \$900,000 | \$900,000 | \$900,000 |
| 51090920 Debt Service | | | | | | | | | |
| Existing Bonds (Restructured) and 2012 Bonds | | 957,825 | 957,825 | 875,785 | 876,540 | 878,648 | 875,255 | 906,315 | 906,315 |
| Debt Service Fees | | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 |
| Lien Processing | | - | - | - | - | - | - | - | - |
| Sub-Total Debt Service | | \$960,825 | \$960,825 | \$878,785 | \$879,540 | \$881,648 | \$878,255 | \$909,315 | \$909,315 |
| Water Share of Debt Service (50%) | | \$480,413 | \$480,413 | \$439,393 | \$439,770 | \$440,824 | \$439,128 | \$454,658 | \$454,658 |
| Sewer Share of Debt Service (50%) | | \$480,413 | \$480,413 | \$439,393 | \$439,770 | \$440,824 | \$439,128 | \$454,658 | \$454,658 |
| Debt Service - IEPA Loans (WWTP Phase I and II) | | | | | | | | | |
| | | - | - | 1,800,000 | 1,800,000 | 1,800,000 | 1,800,000 | 1,800,000 | 1,800,000 |
| Transfer to General Fund | | 540,000 | 540,000 | 400,000 | 412,000 | 424,400 | 437,100 | 450,200 | 463,700 |
| Water Share of Transfer to General Fund (50%) | | 270,000 | 270,000 | 200,000 | 206,000 | 212,200 | 218,550 | 225,100 | 231,850 |
| Sewer Share of Transfer to General Fund (50%) | | 270,000 | 270,000 | 200,000 | 206,000 | 212,200 | 218,550 | 225,100 | 231,850 |
| Total Water Expenses | | | | | | | | | |
| | | \$ 7,878,730 | \$ 8,317,230 | \$ 7,352,338 | \$ 7,782,915 | \$ 8,029,337 | \$ 8,197,532 | \$ 8,388,191 | \$ 8,569,199 |
| Total Sewer Expenses | | | | | | | | | |
| | | \$ 19,043,685 | \$ 19,043,685 | \$ 19,254,411 | \$ 6,099,805 | \$ 6,193,939 | \$ 6,288,913 | \$ 6,404,453 | \$ 6,508,338 |
| Total Expenses - Water & Sewer | | | | | | | | | |
| | | \$ 26,922,415 | \$ 27,360,915 | \$ 26,606,748 | \$ 13,882,720 | \$ 14,223,276 | \$ 14,486,444 | \$ 14,792,644 | \$ 15,077,536 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 2

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|-------------------|--------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Beginning Operating Balance - Water | | 1,441,199 | 1,441,199 | (1,822,639) | (3,449,636) | (5,089,844) | (6,527,690) | (7,651,091) | (8,446,367) |
| Total Revenues | | 4,885,000 | 5,053,392 | 5,725,341 | 6,142,707 | 6,591,491 | 7,074,130 | 7,592,915 | 8,152,820 |
| Total Expenses | | 7,878,730 | 8,317,230 | 7,352,338 | 7,782,915 | 8,029,337 | 8,197,532 | 8,388,191 | 8,569,199 |
| Net Operating Income (Loss) | | (2,993,730) | (3,263,838) | (1,626,997) | (1,640,208) | (1,437,845) | (1,123,401) | (795,276) | (416,379) |
| Ending Operating Balance | | (1,552,532) | (1,822,639) | (3,449,636) | (5,089,844) | (6,527,690) | (7,651,091) | (8,446,367) | (8,862,745) |
| Target Fund Balance | | 951,124 | 1,060,749 | 1,191,433 | 1,293,678 | 1,349,569 | 1,386,347 | 1,424,290 | 1,463,430 |
| Beginning Operating Balance - Sewer | | 6,109,051 | 6,109,051 | 7,688,213 | 7,454,467 | 7,509,139 | 7,878,332 | 8,595,427 | 9,672,319 |
| Total Revenues | | 20,806,150 | 20,622,847 | 19,020,665 | 6,154,477 | 6,563,132 | 7,006,007 | 7,481,344 | 7,992,435 |
| Total Revenues Less Debt Proceeds | | 5,352,150 | 5,168,847 | 5,775,682 | 6,154,477 | 6,563,132 | 7,006,007 | 7,481,344 | 7,992,435 |
| Total Expenses | | 19,043,685 | 19,043,685 | 19,254,411 | 6,099,805 | 6,193,939 | 6,288,913 | 6,404,453 | 6,508,338 |
| Total Expenses Less Debt Funded Construction | | 3,589,685 | 3,589,685 | 6,009,428 | 6,099,805 | 6,193,939 | 6,288,913 | 6,404,453 | 6,508,338 |
| Net Operating Income (Loss) | | 1,762,465 | 1,579,162 | (233,746) | 54,672 | 369,193 | 717,095 | 1,076,892 | 1,484,098 |
| Ending Operating Balance | | 7,871,516 | 7,688,213 | 7,454,467 | 7,509,139 | 7,878,332 | 8,595,427 | 9,672,319 | 11,156,417 |
| Target Fund Balance | | 539,113 | 539,113 | 555,705 | 572,900 | 590,720 | 609,193 | 628,355 | 648,215 |
| Beginning Operating Balance - Combined Water & Sewer | | 7,550,249 | 7,550,249 | 5,865,574 | 4,004,831 | 2,419,294 | 1,350,642 | 944,336 | 1,225,952 |
| Total Revenues | | 25,691,150 | 25,676,240 | 24,746,005 | 12,297,184 | 13,154,623 | 14,080,138 | 15,074,260 | 16,145,256 |
| Total Revenues Less Debt Proceeds | | 10,237,150 | 10,222,240 | 11,501,022 | 12,297,184 | 13,154,623 | 14,080,138 | 15,074,260 | 16,145,256 |
| Total Expenses | | 26,922,415 | 27,360,915 | 26,606,748 | 13,882,720 | 14,223,276 | 14,486,444 | 14,792,644 | 15,077,536 |
| Total Expenses Less Debt Funded Construction | | 11,468,415 | 11,906,915 | 13,361,765 | 13,882,720 | 14,223,276 | 14,486,444 | 14,792,644 | 15,077,536 |
| Net Operating Income (Loss) | | (1,231,265) | (1,684,675) | (1,860,743) | (1,585,536) | (1,068,652) | (406,307) | 281,616 | 1,067,719 |
| Ending Operating Balance | | 6,318,984 | 5,865,574 | 4,004,831 | 2,419,294 | 1,350,642 | 944,336 | 1,225,952 | 2,293,671 |
| Target Fund Balance | | 1,490,236 | 1,599,861 | 1,747,138 | 1,866,578 | 1,940,289 | 1,995,540 | 2,052,645 | 2,111,645 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 3

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| REVENUES | | | | | | | | | |
| Operating Revenues - Water Fund | | | | | | | | | |
| Water Sales - Usage Rates | | 3,100,000 | 3,730,703 | 4,442,340 | 4,442,340 | 4,442,340 | 4,442,340 | 4,442,340 | 4,442,340 |
| Water Sales - Debt Service | N/A | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Water Sales - Fixed (Base) Charges | N/A | 260,000 | 330,547 | 391,161 | 391,161 | 391,161 | 391,161 | 391,161 | 391,161 |
| Capital Recovery | N/A | 1,350,000 | | | | | | | |
| Water | | | 1,474,200 | 1,744,200 | 1,744,200 | 1,744,200 | 1,744,200 | 1,744,200 | 1,744,200 |
| Penalties | 0% | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 |
| UT Penalty-Leins/NSF/Metr Tamp | 0% | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 |
| Meters and Material | 0% | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 |
| Unincorporated Capital Recovery Fee | N/A | | 18,614 | - | - | - | - | - | - |
| Capital Surcharge | 0% | - | - | - | - | - | - | - | - |
| Total Operating Revenues - Water Fund | | 4,881,500 | 5,725,565 | 6,749,201 | 6,749,201 | 6,749,201 | 6,749,201 | 6,749,201 | 6,749,201 |
| Non-Operating Revenues - Water Fund | | | | | | | | | |
| Interest Income | 0% | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| Transfer In | 0% | - | - | - | - | - | - | - | - |
| Grant Revenue | N/A | | - | - | - | - | - | - | - |
| Miscellaneous | 0% | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Total Revenues - Water Fund | | 4,885,000 | 5,729,065 | 6,752,701 | 6,752,701 | 6,752,701 | 6,752,701 | 6,752,701 | 6,752,701 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 3

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|-------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Operating Revenues - Sewer Fund | | | | | | | | | |
| Capital Recovery | N/A | 1,350,000 | | | | | | | |
| Sewer | | | 1,609,880 | 1,918,361 | 1,918,361 | 1,918,361 | 1,918,361 | 1,918,361 | 1,918,361 |
| Penalties | 0% | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 |
| UT Penalty-Leins/NSF/Metr Tamp | 0% | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 |
| Sewer Fees - Usage Rates | | 2,869,650 | 2,817,748 | 3,332,752 | 3,332,752 | 3,332,752 | 3,332,752 | 3,332,752 | 3,332,752 |
| Sewer Fees - Fixed (Base) Charges | N/A | 445,000 | 657,239 | 777,620 | 777,620 | 777,620 | 777,620 | 777,620 | 777,620 |
| Sewer Fees - Pretreatment | N/A | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 | 480,000 |
| Sewer Fees - Pretreatment Sampling and Analysis | 0% | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 |
| Sewer Fees - Pretreatment Elk Grove | 0% | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 |
| Unincorporated Capital Recovery Fee | N/A | | 18,614 | - | - | - | - | - | - |
| Capital Surcharge | 0% | - | - | - | - | - | - | - | 1 |
| Total Operating Revenues - Sewer Fund | | 5,346,150 | 5,784,981 | 6,710,233 | 6,710,233 | 6,710,233 | 6,710,233 | 6,710,233 | 6,710,234 |
| Non-Operating Revenues | | | | | | | | | |
| Interest Income | 0% | 5,000 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| Debt Proceeds: Sewer | | 15,454,000 | 15,454,000 | 13,244,983 | - | - | - | - | - |
| Transfer In | 0% | - | - | - | - | - | - | - | - |
| Capital Surcharge - Sewer | N/A | - | - | - | - | - | - | - | - |
| Miscellaneous | 0% | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Total Revenues - Sewer Fund | | 20,806,150 | 21,242,481 | 19,958,716 | 6,713,733 | 6,713,733 | 6,713,733 | 6,713,733 | 6,713,734 |
| Total Revenues - Water & Sewer | | \$25,691,150 | \$26,971,546 | \$26,711,417 | \$13,466,434 | \$13,466,434 | \$13,466,434 | \$13,466,434 | \$13,466,435 |

ADMIN EXPENSES

| | | | | | | | | | |
|---------------------------------|----|---------|---------|---------|---------|---------|---------|---------|---------|
| S1030250 Utility Billing | | | | | | | | | |
| Salaries - Full-time | 3% | 204,000 | 204,000 | 210,000 | 216,000 | 222,000 | 229,000 | 236,000 | 243,000 |
| Salaries - Part-time | 3% | 31,700 | 31,700 | 32,700 | 33,700 | 34,700 | 35,700 | 36,800 | 37,900 |
| Overtime | 3% | 6,000 | 6,000 | 6,200 | 6,400 | 6,600 | 6,800 | 7,000 | 7,200 |
| Social Security | 5% | 15,000 | 15,000 | 15,800 | 16,600 | 17,400 | 18,300 | 19,200 | 20,200 |
| Medicare | 5% | 3,550 | 3,550 | 3,700 | 3,900 | 4,100 | 4,300 | 4,500 | 4,700 |
| IMRF | 5% | 30,600 | 30,600 | 32,100 | 33,700 | 35,400 | 37,200 | 39,100 | 41,100 |
| Insurance | 6% | 27,600 | 27,600 | 29,300 | 31,100 | 33,000 | 35,000 | 37,100 | 39,300 |
| Postage | 2% | 27,000 | 27,000 | 27,500 | 28,100 | 28,700 | 29,300 | 29,900 | 30,500 |
| Bank/Credit Card Fees | 2% | 22,000 | 22,000 | 22,400 | 22,800 | 23,300 | 23,800 | 24,300 | 24,800 |
| Other Contractual Services | 2% | 13,000 | 13,000 | 13,300 | 13,600 | 13,900 | 14,200 | 14,500 | 14,800 |
| Office Supplies | 2% | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 3

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 51050110 Public Works Administration | | | | | | | | | |
| Salaries - Full-time | 3% | 279,000 | 279,000 | 287,000 | 296,000 | 305,000 | 314,000 | 323,000 | 333,000 |
| Bonus | 4% | - | - | - | - | - | - | - | - |
| Overtime | 3% | - | - | - | - | - | - | - | - |
| Social Security | 5% | 17,300 | 17,300 | 18,200 | 19,100 | 20,100 | 21,100 | 22,200 | 23,300 |
| Medicare | 5% | 4,100 | 4,100 | 4,300 | 4,500 | 4,700 | 4,900 | 5,100 | 5,400 |
| IMRF | 5% | 36,000 | 36,000 | 37,800 | 39,700 | 41,700 | 43,800 | 46,000 | 48,300 |
| Insurance | 6% | 44,545 | 44,545 | 47,200 | 50,000 | 53,000 | 56,200 | 59,600 | 63,200 |
| Memberships and Dues | 2% | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 |
| Education, Seminars, and Meetings | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,400 | 5,500 | 5,600 |
| Transportation and Travel | 2% | - | - | - | - | - | - | - | - |
| Publications | 2% | - | - | - | - | - | - | - | - |
| Professional Services | 2% | - | - | - | - | - | - | - | - |
| Engineering Services | 2% | - | - | - | - | - | - | - | - |
| Postage | 2% | - | - | - | - | - | - | - | - |
| Legal Notices | 2% | 350 | 350 | 360 | 370 | 380 | 390 | 400 | 410 |
| Printing | 2% | 500 | 500 | 510 | 520 | 530 | 540 | 550 | 560 |
| Physical Exams | 2% | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| R&M Communication System | 2% | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| R&M Building | 2% | - | - | - | - | - | - | - | - |
| Other Contractual Services | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,400 | 5,500 | 5,600 |
| Office Supplies | 2% | 6,000 | 6,000 | 6,100 | 6,200 | 6,300 | 6,400 | 6,500 | 6,600 |
| Uniforms | 2% | 500 | 500 | 510 | 520 | 530 | 540 | 550 | 560 |
| Permits & Licenses | 2% | 18,000 | 18,000 | 18,400 | 18,800 | 19,200 | 19,600 | 20,000 | 20,400 |
| Depreciation Expense | 2% | - | - | - | - | - | - | - | - |
| Amortization of Premium / Discount | 2% | - | - | - | - | - | - | - | - |
| Transfer to Storm Water (To 51200000) | 0% | - | - | - | - | - | - | - | - |
| TOTAL ADMIN EXPENSES | | 800,645 | 800,645 | 827,480 | 855,910 | 885,040 | 915,770 | 947,200 | 980,330 |
| Water Share Administrative Expenses (50%) | | 400,323 | 400,323 | 413,740 | 427,955 | 442,520 | 457,885 | 473,600 | 490,165 |
| Sewer Share Administrative Expenses (50%) | | 400,323 | 400,323 | 413,740 | 427,955 | 442,520 | 457,885 | 473,600 | 490,165 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

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UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 3

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| WATER FUND | | | | | | | | | |
| Direct Cost for Water Purchase | | | | | | | | | |
| DuPage Water Comm. - Fixed Chg. | 0% | 182,250 | 182,000 | 189,000 | 270,000 | 351,000 | 351,000 | 351,000 | 351,000 |
| DuPage Water Comm. - Water Purchase | | 2,241,000 | 2,679,750 | 3,159,000 | 3,449,250 | 3,552,728 | 3,659,309 | 3,769,089 | 3,882,161 |
| 51050543 Meter Program (5020 Water Customer Service) | | | | | | | | | |
| R&M Material and Equipment | 0% | - | - | - | - | - | - | - | - |
| Telephone | 0% | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| Maintenance Agreements | 0% | 19,100 | 19,100 | 19,100 | 19,100 | 19,100 | 19,100 | 19,100 | 19,100 |
| Rental and Lease Purchase | 0% | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Rental and Lease - Equipment | 0% | - | - | - | - | - | - | - | - |
| Fuel, Gas, and Oil | 0% | - | - | - | - | - | - | - | - |
| Water Meters | 0% | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 |
| 51050540 Water Distribution | | | | | | | | | |
| Salaries - Full-time | 3% | 284,500 | 284,500 | 293,040 | 301,830 | 310,880 | 320,210 | 329,820 | 339,710 |
| Salaries - Part-time | 3% | 49,000 | 49,000 | 50,470 | 51,980 | 53,540 | 55,150 | 56,800 | 58,500 |
| Overtime | 5% | 55,000 | 55,000 | 57,750 | 60,640 | 63,670 | 66,850 | 70,190 | 73,700 |
| Social Security | 5% | 24,100 | 24,100 | 25,310 | 26,580 | 27,910 | 29,310 | 30,780 | 32,320 |
| Medicare | 5% | 5,700 | 5,700 | 5,990 | 6,290 | 6,600 | 6,930 | 7,280 | 7,640 |
| IMRF | 5% | 47,000 | 47,000 | 49,350 | 51,820 | 54,410 | 57,130 | 59,990 | 62,990 |
| Insurance | 6% | 53,950 | 53,950 | 57,190 | 60,620 | 64,260 | 68,120 | 72,210 | 76,540 |
| Education, Seminars, and Meetings | 2% | - | - | - | - | - | - | - | - |
| Transportation and Travel | 2% | - | - | - | - | - | - | - | - |
| Publications | 2% | - | - | - | - | - | - | - | - |
| Physical Exams | 2% | - | - | - | - | - | - | - | - |
| Maintenance Agreements | 2% | - | - | - | - | - | - | - | - |
| R&M Material and Equipment | 2% | - | - | - | - | - | - | - | - |
| R&M Vehicles | 2% | 21,600 | 21,600 | 22,030 | 22,470 | 22,920 | 23,380 | 23,850 | 24,330 |
| R&M Communication System | 2% | - | - | - | - | - | - | - | - |
| R&M Pavement | 2% | - | - | - | - | - | - | - | - |
| R&M Right of Way | 2% | 25,000 | 25,000 | 25,500 | 26,010 | 26,530 | 27,060 | 27,600 | 28,150 |
| Rental and Lease Purchase | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,410 | 5,520 | 5,630 |
| Rental and Lease - Equipment | 2% | - | - | - | - | - | - | - | - |
| Other Contractual Services | 3% | 210,000 | 210,000 | 210,000 | 210,000 | 210,000 | 210,000 | 210,000 | 210,000 |
| Photo Supplies | 2% | - | - | - | - | - | - | - | - |
| Office Supplies | 2% | - | - | - | - | - | - | - | - |
| Materials & Supplies - Traffic Safety | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,410 | 5,520 | 5,630 |
| Materials & Supplies - Water Mains | 2% | 130,000 | 130,000 | 132,600 | 135,250 | 137,960 | 140,720 | 143,530 | 146,400 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 3

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Materials & Supplies - Gravel/Asphalt | 2% | 20,000 | 20,000 | 20,400 | 20,810 | 21,230 | 21,650 | 22,080 | 22,520 |
| Paint | 2% | 1,000 | 1,000 | 1,020 | 1,040 | 1,060 | 1,080 | 1,100 | 1,120 |
| Fuel, Gas, and Oil | 4% | 50,000 | 50,000 | 52,000 | 54,080 | 56,240 | 58,490 | 60,830 | 63,260 |
| Small Tools and Equipment | 2% | 30,000 | 30,000 | 30,600 | 31,210 | 31,830 | 32,470 | 33,120 | 33,780 |
| Uniforms | 2% | 2,500 | 2,500 | 2,550 | 2,600 | 2,650 | 2,700 | 2,750 | 2,810 |
| Disposal Charges | 2% | 25,000 | 25,000 | 25,500 | 26,010 | 26,530 | 27,060 | 27,600 | 28,150 |
| Machinery and Equipment | 2% | - | - | - | - | - | - | - | - |
| 51050550 Water Production | | | | | | | | | |
| Salaries - Full-time | 3% | 102,500 | 102,500 | 105,580 | 108,750 | 112,010 | 115,370 | 118,830 | 122,390 |
| Overtime | 3% | 15,000 | 15,000 | 15,450 | 15,910 | 16,390 | 16,880 | 17,390 | 17,910 |
| Social Security | 5% | 7,300 | 7,300 | 7,670 | 8,050 | 8,450 | 8,870 | 9,310 | 9,780 |
| Medicare | 5% | 1,750 | 1,750 | 1,840 | 1,930 | 2,030 | 2,130 | 2,240 | 2,350 |
| IMRF | 5% | 15,300 | 15,300 | 16,070 | 16,870 | 17,710 | 18,600 | 19,530 | 20,510 |
| Insurance | 3% | 33,045 | 33,045 | 34,040 | 35,060 | 36,110 | 37,190 | 38,310 | 39,460 |
| Education, Seminars, and Meetings | 2% | - | - | - | - | - | - | - | - |
| Electricity | 3% | 70,000 | 70,000 | 72,100 | 74,260 | 76,490 | 78,780 | 81,140 | 83,570 |
| Natural Gas | 3% | - | - | - | - | - | - | - | - |
| Maintenance Agreements | 2% | 2,000 | 2,000 | 2,040 | 2,080 | 2,120 | 2,160 | 2,200 | 2,240 |
| R&M Material and Equipment | 2% | - | - | - | - | - | - | - | - |
| R&M Vehicles | 2% | 1,900 | 1,900 | 1,940 | 1,980 | 2,020 | 2,060 | 2,100 | 2,140 |
| R&M Communication System | 2% | - | - | - | - | - | - | - | - |
| Laboratory Testing | 2% | 25,000 | 25,000 | 25,500 | 26,010 | 26,530 | 27,060 | 27,600 | 28,150 |
| Rental and Lease | 2% | 1,000 | 1,000 | 1,020 | 1,040 | 1,060 | 1,080 | 1,100 | 1,120 |
| Other Contractual Services | 3% | 25,000 | 25,000 | 25,750 | 26,520 | 27,320 | 28,140 | 28,980 | 29,850 |
| Paint | 2% | 5,500 | 5,500 | 5,610 | 5,720 | 5,830 | 5,950 | 6,070 | 6,190 |
| Fuel, Gas, and Oil | 4% | - | - | - | - | - | - | - | - |
| Small Tools and Equipment | 2% | 1,000 | 1,000 | 1,020 | 1,040 | 1,060 | 1,080 | 1,100 | 1,120 |
| Uniforms | 2% | - | - | - | - | - | - | - | - |
| WATER FUND EXPENSES | | 3,804,495 | 4,242,995 | 4,765,730 | 5,174,710 | 5,398,278 | 5,545,389 | 5,697,159 | 5,853,721 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

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UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 3

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| SEWER FUND | | | | | | | | | |
| 51050560 Wastewater Conveyance | | | | | | | | | |
| Salaries - Full-time | 3% | 152,500 | 152,500 | 157,080 | 161,790 | 166,640 | 171,640 | 176,790 | 182,090 |
| Social Security | 4% | 9,500 | 9,500 | 9,880 | 10,280 | 10,690 | 11,120 | 11,560 | 12,020 |
| Medicare | 5% | 2,250 | 2,250 | 2,360 | 2,480 | 2,600 | 2,730 | 2,870 | 3,010 |
| IMRF | 5% | 19,800 | 19,800 | 20,790 | 21,830 | 22,920 | 24,070 | 25,270 | 26,530 |
| Insurance | 3% | 54,850 | 54,850 | 56,500 | 58,200 | 59,950 | 61,750 | 63,600 | 65,510 |
| Rental & Lease Purchase | 3% | 2,000 | 2,000 | 2,060 | 2,120 | 2,180 | 2,250 | 2,320 | 2,390 |
| R&M Material and Equipment | 2% | 3,000 | 3,000 | 3,060 | 3,120 | 3,180 | 3,240 | 3,300 | 3,370 |
| R&M Right of Way | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Other Contractual Services | 2% | 31,000 | 31,000 | 31,620 | 32,250 | 32,900 | 33,560 | 34,230 | 34,910 |
| Gravel / Asphalt | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Small Tools | 2% | 2,000 | 2,000 | 2,040 | 2,080 | 2,120 | 2,160 | 2,200 | 2,240 |
| Disposal Charges | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Chemicals | 2% | - | - | - | - | - | - | - | - |
| 51050570 Wastewater Treatment | | | | | | | | | |
| Salaries - Full-time | 5% | 508,500 | 508,500 | 533,900 | 560,600 | 588,600 | 618,000 | 648,900 | 681,300 |
| Salaries - Part-time | 5% | - | - | - | - | - | - | - | - |
| Overtime | 5% | - | - | - | - | - | - | - | - |
| Social Security | 5% | 31,500 | 31,500 | 33,080 | 34,730 | 36,470 | 38,290 | 40,200 | 42,210 |
| Medicare | 5% | 7,400 | 7,400 | 7,770 | 8,160 | 8,570 | 9,000 | 9,450 | 9,920 |
| IMRF | 5% | 65,800 | 65,800 | 69,090 | 72,540 | 76,170 | 79,980 | 83,980 | 88,180 |
| Insurance | 3% | 129,550 | 129,550 | 133,440 | 137,440 | 141,560 | 145,810 | 150,180 | 154,690 |
| Membership Dues | 2% | 2,000 | 2,000 | 2,040 | 2,080 | 2,120 | 2,160 | 2,200 | 2,240 |
| Education Seminars | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Professional Services | 2% | - | - | - | - | - | - | - | - |
| Engineering Services | 2% | 37,500 | 37,500 | 38,250 | 39,020 | 39,800 | 40,600 | 41,410 | 42,240 |
| Telephone | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Electricity | 2% | 350,000 | 350,000 | 357,000 | 364,140 | 371,420 | 378,850 | 386,430 | 394,160 |
| Raw Materials and Equipment | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| R&M Vehicles | 2% | 15,000 | 15,000 | 15,300 | 15,610 | 15,920 | 16,240 | 16,560 | 16,890 |
| Office Supplies | 2% | 7,000 | 7,000 | 7,140 | 7,280 | 7,430 | 7,580 | 7,730 | 7,880 |
| Lab Supplies | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,410 | 5,520 | 5,630 |
| Fuel / Gas / Oil | 2% | 5,000 | 5,000 | 5,100 | 5,200 | 5,300 | 5,410 | 5,520 | 5,630 |
| Chemicals | 2% | 75,000 | 75,000 | 76,500 | 78,030 | 79,590 | 81,180 | 82,800 | 84,460 |
| Small Tools | 2% | 24,500 | 24,500 | 24,990 | 25,490 | 26,000 | 26,520 | 27,050 | 27,590 |
| Uniforms | 2% | 3,000 | 3,000 | 3,060 | 3,120 | 3,180 | 3,240 | 3,300 | 3,370 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 3

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|--|----------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| R&M Right of Way | 2% | - | - | - | - | - | - | - | - |
| Laboratory Testing | 2% | 10,000 | 10,000 | 10,200 | 10,400 | 10,610 | 10,820 | 11,040 | 11,260 |
| Variable Cost Expense (Electricity, Gas, Etc) | 3% | - | - | - | - | - | - | - | - |
| Other Contractual Service (United Water) | 1% | - | - | - | - | - | - | - | - |
| Other Contractual Service | 2% | 342,000 | 342,000 | 348,840 | 355,820 | 362,940 | 370,200 | 377,600 | 385,150 |
| Rental & Lease Purchase | 2% | 3,500 | 3,500 | 3,570 | 3,640 | 3,710 | 3,780 | 3,860 | 3,940 |
| 51050577 Wastewater-Pretreatment | | | | | | | | | |
| Salaries - Full-time | 4% | 23,500 | 23,500 | 24,440 | 25,420 | 26,440 | 27,500 | 28,600 | 29,740 |
| Overtime | 4% | - | - | - | - | - | - | - | - |
| Social Security | 5% | 1,450 | 1,450 | 1,520 | 1,600 | 1,680 | 1,760 | 1,850 | 1,940 |
| Medicare | 5% | 350 | 350 | 370 | 390 | 410 | 430 | 450 | 470 |
| IMRF | 5% | 3,000 | 3,000 | 3,150 | 3,310 | 3,480 | 3,650 | 3,830 | 4,020 |
| Insurance | 3% | - | - | - | - | - | - | - | - |
| Education, Seminars, and Meetings | 2% | - | - | - | - | - | - | - | - |
| Transportation and Travel | 2% | - | - | - | - | - | - | - | - |
| Engineering Services - Environmental | 2% | 100,000 | 100,000 | 102,000 | 104,040 | 106,120 | 108,240 | 110,400 | 112,610 |
| Printing | 2% | - | - | - | - | - | - | - | - |
| R&M Material and Equipment | 2% | - | - | - | - | - | - | - | - |
| R&M Vehicles | 2% | - | - | - | - | - | - | - | - |
| Laboratory Testing | 2% | 65,000 | 65,000 | 66,300 | 67,630 | 68,980 | 70,360 | 71,770 | 73,210 |
| Other Contractual Services | 2% | 4,000 | 4,000 | 4,080 | 4,160 | 4,240 | 4,320 | 4,410 | 4,500 |
| Materials & Supplies - Vehicles | 2% | - | - | - | - | - | - | - | - |
| Materials & Supplies - Laboratory | 2% | - | - | - | - | - | - | - | - |
| Fuel, Gas, and Oil | 3% | - | - | - | - | - | - | - | - |
| Chemicals | 2% | - | - | - | - | - | - | - | - |
| Small Tools and Equipment | 2% | - | - | - | - | - | - | - | - |
| Uniforms | 2% | - | - | - | - | - | - | - | - |
| SEWER FUND EXPENSES | | 2,156,450 | 2,156,450 | 2,222,820 | 2,291,600 | 2,362,880 | 2,436,770 | 2,513,420 | 2,592,860 |
| 51080800 CIP Municipal Facilities | | | | | | | | | |
| Buildings | 3% | - | - | - | - | - | - | - | - |
| Furniture & Fixtures | 3% | - | - | - | - | - | - | - | - |
| Machinery & Equipment | 3% | - | - | - | - | - | - | - | - |
| Fleet | 3% | 65,000 | 65,000 | 66,950 | 68,960 | 71,030 | 73,160 | 75,350 | 77,610 |
| Sub-Total CIP Municipal Facilities | | 65,000 | 65,000 | 66,950 | 68,960 | 71,030 | 73,160 | 75,350 | 77,610 |
| Water Share of Municipal Facilities (50%) | | 32,500 | 32,500 | 33,475 | 34,480 | 35,515 | 36,580 | 37,675 | 38,805 |
| Sewer Share of Municipal Facilities (50%) | | 32,500 | 32,500 | 33,475 | 34,480 | 35,515 | 36,580 | 37,675 | 38,805 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 3

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| CAPITAL PROJECTS - WATER | | | | | | | | | |
| 51080860 CIP Water System | | 2,891,000 | 2,891,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 |
| Sub-Total Capital Projects - Water | | \$2,891,000 | \$2,891,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 |
| CAPITAL PROJECTS - SEWER | | | | | | | | | |
| 51080870 CIP Sanitary Sewer System | | 250,000 | 250,000 | 900,000 | 900,000 | 900,000 | 900,000 | 900,000 | 900,000 |
| 51080880 CIP WWTP | | 15,454,000 | 15,454,000 | 13,244,983 | - | - | - | - | - |
| Sub-Total Capital Projects - Sewer | | \$15,704,000 | \$15,704,000 | \$14,144,983 | \$900,000 | \$900,000 | \$900,000 | \$900,000 | \$900,000 |
| 51090920 Debt Service | | | | | | | | | |
| Existing Bonds (Restructured) and 2012 Bonds | | 957,825 | 957,825 | 875,785 | 876,540 | 878,648 | 875,255 | 906,315 | 906,315 |
| Debt Service Fees | | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 |
| Lien Processing | | - | - | - | - | - | - | - | - |
| Sub-Total Debt Service | | \$960,825 | \$960,825 | \$878,785 | \$879,540 | \$881,648 | \$878,255 | \$909,315 | \$909,315 |
| Water Share of Debt Service (50%) | | \$480,413 | \$480,413 | \$439,393 | \$439,770 | \$440,824 | \$439,128 | \$454,658 | \$454,658 |
| Sewer Share of Debt Service (50%) | | \$480,413 | \$480,413 | \$439,393 | \$439,770 | \$440,824 | \$439,128 | \$454,658 | \$454,658 |
| Debt Service - IEPA Loans (WWTP Phase I and II) | | - | - | 1,800,000 | 1,800,000 | 1,800,000 | 1,800,000 | 1,800,000 | 1,800,000 |
| Transfer to General Fund | | 540,000 | 540,000 | 400,000 | 412,000 | 424,400 | 437,100 | 450,200 | 463,700 |
| Water Share of Transfer to General Fund (50%) | | 270,000 | 270,000 | 200,000 | 206,000 | 212,200 | 218,550 | 225,100 | 231,850 |
| Sewer Share of Transfer to General Fund (50%) | | 270,000 | 270,000 | 200,000 | 206,000 | 212,200 | 218,550 | 225,100 | 231,850 |
| Total Water Expenses | | \$ 7,878,730 | \$ 8,317,230 | \$ 7,352,338 | \$ 7,782,915 | \$ 8,029,337 | \$ 8,197,532 | \$ 8,388,191 | \$ 8,569,199 |
| Total Sewer Expenses | | \$ 19,043,685 | \$ 19,043,685 | \$ 19,254,411 | \$ 6,099,805 | \$ 6,193,939 | \$ 6,288,913 | \$ 6,404,453 | \$ 6,508,338 |
| Total Expenses - Water & Sewer | | \$ 26,922,415 | \$ 27,360,915 | \$ 26,606,748 | \$ 13,882,720 | \$ 14,223,276 | \$ 14,486,444 | \$ 14,792,644 | \$ 15,077,536 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

UTILITY FUND REVENUE AND EXPENSE PROJECTIONS - SCENARIO 3

| WATER UTILITY REVENUES AND EXPENSE PROJECTIONS | Inflation Rate | FY 2014 Budget | FY 2014 Estimated | FY 2015 Estimated | FY 2016 Estimated | FY 2017 Estimated | FY 2018 Estimated | FY 2019 Estimated | FY 2020 Estimated |
|---|---------------------------|---------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Beginning Operating Balance - Water | | 1,441,199 | 1,441,199 | (1,146,966) | (1,746,603) | (2,776,817) | (4,053,453) | (5,498,284) | (7,133,774) |
| Total Revenues | | 4,885,000 | 5,729,065 | 6,752,701 | 6,752,701 | 6,752,701 | 6,752,701 | 6,752,701 | 6,752,701 |
| Total Expenses | | 7,878,730 | 8,317,230 | 7,352,338 | 7,782,915 | 8,029,337 | 8,197,532 | 8,388,191 | 8,569,199 |
| Net Operating Income (Loss) | | (2,993,730) | (2,588,165) | (599,637) | (1,030,214) | (1,276,636) | (1,444,831) | (1,635,490) | (1,816,498) |
| Ending Operating Balance | | (1,552,532) | (1,146,966) | (1,746,603) | (2,776,817) | (4,053,453) | (5,498,284) | (7,133,774) | (8,950,272) |
| Target Fund Balance | | 951,124 | 1,060,749 | 1,191,433 | 1,293,678 | 1,349,569 | 1,386,347 | 1,424,290 | 1,463,430 |
| Beginning Operating Balance - Sewer | | 6,109,051 | 6,109,051 | 8,307,847 | 9,012,152 | 9,626,080 | 10,145,874 | 10,570,694 | 10,879,974 |
| Total Revenues | | 20,806,150 | 21,242,481 | 19,958,716 | 6,713,733 | 6,713,733 | 6,713,733 | 6,713,733 | 6,713,734 |
| Total Revenues Less Debt Proceeds | | 5,352,150 | 5,788,481 | 6,713,733 | 6,713,733 | 6,713,733 | 6,713,733 | 6,713,733 | 6,713,734 |
| Total Expenses | | 19,043,685 | 19,043,685 | 19,254,411 | 6,099,805 | 6,193,939 | 6,288,913 | 6,404,453 | 6,508,338 |
| Total Expenses Less Debt Funded Construction | | 3,589,685 | 3,589,685 | 6,009,428 | 6,099,805 | 6,193,939 | 6,288,913 | 6,404,453 | 6,508,338 |
| Net Operating Income (Loss) | | 1,762,465 | 2,198,796 | 704,305 | 613,928 | 519,794 | 424,820 | 309,280 | 205,396 |
| Ending Operating Balance | | 7,871,516 | 8,307,847 | 9,012,152 | 9,626,080 | 10,145,874 | 10,570,694 | 10,879,974 | 11,085,371 |
| Target Fund Balance | | 539,113 | 539,113 | 555,705 | 572,900 | 590,720 | 609,193 | 628,355 | 648,215 |
| Beginning Operating Balance - Combined Water & Sewer | | 7,550,249 | 7,550,249 | 7,160,880 | 7,265,549 | 6,849,263 | 6,092,421 | 5,072,410 | 3,746,200 |
| Total Revenues | | 25,691,150 | 26,971,546 | 26,711,417 | 13,466,434 | 13,466,434 | 13,466,434 | 13,466,434 | 13,466,435 |
| Total Revenues Less Debt Proceeds | | 10,237,150 | 11,517,546 | 13,466,434 | 13,466,434 | 13,466,434 | 13,466,434 | 13,466,434 | 13,466,435 |
| Total Expenses | | 26,922,415 | 27,360,915 | 26,606,748 | 13,882,720 | 14,223,276 | 14,486,444 | 14,792,644 | 15,077,536 |
| Total Expenses Less Debt Funded Construction | | 11,468,415 | 11,906,915 | 13,361,765 | 13,882,720 | 14,223,276 | 14,486,444 | 14,792,644 | 15,077,536 |
| Net Operating Income (Loss) | | (1,231,265) | (389,369) | 104,669 | (416,286) | (756,842) | (1,020,011) | (1,326,210) | (1,611,102) |
| Ending Operating Balance | | 6,318,984 | 7,160,880 | 7,265,549 | 6,849,263 | 6,092,421 | 5,072,410 | 3,746,200 | 2,135,099 |
| Target Fund Balance | | 1,490,236 | 1,599,861 | 1,747,138 | 1,866,578 | 1,940,289 | 1,995,540 | 2,052,645 | 2,111,645 |

FUTURE WATER RATE INCREASES - SCENARIO 1

Water Rate Increase 9.2%
Sewer Rate Increase 9.2%

| Water Rate Increases | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Fixed Charge Increases: | 0% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% |
| Usage Rate Increases: | 0% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% |
| Capital Recovery Charges | 0% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% |

| Water Rate Schedule | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Monthly Fixed Charges | | | | | | | | |
| 5/8" or 3/4" Meter | \$2.28 | \$2.49 | \$2.72 | \$2.97 | \$3.24 | \$3.54 | \$3.87 | \$4.23 |
| 1" Meter | \$7.66 | \$8.36 | \$9.13 | \$9.97 | \$10.89 | \$11.89 | \$12.98 | \$14.17 |
| 1.5" Meter | \$15.16 | \$16.55 | \$18.07 | \$19.73 | \$21.55 | \$23.53 | \$25.69 | \$28.05 |
| 2" Meter | \$24.30 | \$26.54 | \$28.98 | \$31.65 | \$34.56 | \$37.74 | \$41.21 | \$45.00 |
| 3" Meter | \$45.65 | \$49.85 | \$54.44 | \$59.45 | \$64.92 | \$70.89 | \$77.41 | \$84.53 |
| 4" Meter | \$76.14 | \$83.14 | \$90.79 | \$99.14 | \$108.26 | \$118.22 | \$129.10 | \$140.98 |
| 6" Meter | \$152.13 | \$166.13 | \$181.41 | \$198.10 | \$216.33 | \$236.23 | \$257.96 | \$281.69 |
| Senior | \$2.28 | \$2.49 | \$2.72 | \$2.97 | \$3.24 | \$3.54 | \$3.87 | \$4.23 |

Village of Bensenville, Illinois
2014 Water and Sewer Rate Study

Created by: CFB/JES
Updated: 3/27/2014

| Water Rate Schedule (Unincorporated) | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Monthly Fixed Charges | | | | | | | | |
| 5/8" or 3/4" Meter | \$2.28 | \$3.74 | \$4.08 | \$4.46 | \$4.86 | \$5.31 | \$5.81 | \$6.35 |
| 1" Meter | \$7.66 | \$12.54 | \$13.70 | \$14.96 | \$16.34 | \$17.84 | \$19.47 | \$21.26 |
| 1.5" Meter | \$15.16 | \$24.83 | \$27.11 | \$29.60 | \$32.33 | \$35.30 | \$38.54 | \$42.08 |
| 2" Meter | \$24.30 | \$39.81 | \$43.47 | \$47.48 | \$51.84 | \$56.61 | \$61.82 | \$67.50 |
| 3" Meter | \$45.65 | \$74.78 | \$81.66 | \$89.18 | \$97.38 | \$106.34 | \$116.12 | \$126.80 |
| 4" Meter | \$76.14 | \$124.71 | \$136.19 | \$148.71 | \$162.39 | \$177.33 | \$193.65 | \$211.47 |
| 6" Meter | \$152.13 | \$249.20 | \$272.12 | \$297.15 | \$324.50 | \$354.35 | \$386.94 | \$422.54 |
| Water Usage Rates | | | | | | | | |
| Per 1,000 gallons for first 10,000 gal. | \$5.38 | \$5.87 | \$6.41 | \$7.00 | \$7.64 | \$8.34 | \$9.11 | \$9.95 |
| Water Capital Recovery Rate | \$2.23 | \$2.44 | \$2.66 | \$2.90 | \$3.17 | \$3.46 | \$3.78 | \$4.13 |
| Total Usage, < 10,000 gallons | \$7.61 | \$8.31 | \$9.07 | \$9.90 | \$10.81 | \$11.80 | \$12.89 | \$14.08 |
| Per 1,000 gallons exceeding 10,000 gal. | \$6.19 | \$6.76 | \$7.38 | \$8.06 | \$8.80 | \$9.61 | \$10.49 | \$11.46 |
| Water Capital Recovery Rate | \$2.23 | \$2.44 | \$2.66 | \$2.90 | \$3.17 | \$3.46 | \$3.78 | \$4.13 |
| Total Usage, >10,000 gallons | \$8.42 | \$9.20 | \$10.04 | \$10.96 | \$11.97 | \$13.07 | \$14.27 | \$15.59 |

Unincorporated Water Usage Rates

| | | | | | | | | |
|---|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Per 1,000 gallons for first 10,000 gal. | \$5.38 | \$8.81 | \$9.62 | \$10.50 | \$11.46 | \$12.51 | \$13.67 | \$14.93 |
| Water Capital Recovery Rate | \$2.23 | \$3.66 | \$3.99 | \$4.35 | \$4.76 | \$5.19 | \$5.67 | \$6.20 |
| Total Usage, < 10,000 gallons | \$7.61 | \$12.47 | \$13.61 | \$14.85 | \$16.22 | \$17.70 | \$19.34 | \$21.12 |

| | | | | | | | | |
|---|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Per 1,000 gallons exceeding 10,000 gal. | \$6.19 | \$10.14 | \$7.38 | \$8.06 | \$8.80 | \$9.61 | \$10.49 | \$11.46 |
| Water Capital Recovery Rate | \$2.23 | \$2.44 | \$2.66 | \$2.90 | \$3.17 | \$3.46 | \$3.78 | \$4.13 |
| Total Usage, > 10,000 gallons | \$8.42 | \$12.58 | \$10.04 | \$10.96 | \$11.97 | \$13.07 | \$14.27 | \$15.59 |

| | | | | | | | | |
|--|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Unincorporated Surcharge, per month | \$19.39 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
|--|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|

| | | | | | | | | |
|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| DWC Water Rate Increases | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
| Fixed Rate per 1,000 gallons | \$0.27 | \$0.27 | \$0.28 | \$0.40 | \$0.52 | \$0.52 | \$0.52 | \$0.52 |
| O&M Rate per 1,000 gallons | \$3.32 | \$3.97 | \$4.68 | \$5.11 | \$5.26 | \$5.42 | \$5.58 | \$5.75 |
| Rate Increase | 20% | 18% | 17% | 11% | 5% | 3% | 3% | 3% |

FUTURE SEWER RATE INCREASES

| Sewer Rate Increases | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Fixed Charge Increases: | 0% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% |
| Usage Rate Increases: | 0% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% |
| Capital Recovery Charges | 0% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% | 9.20% |

| Sewer Rate Schedule | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Monthly Fixed Charges | | | | | | | | |
| 5/8" Meter | \$4.53 | \$4.95 | \$5.41 | \$5.91 | \$6.45 | \$7.04 | \$7.69 | \$8.40 |
| 1" Meter | \$15.06 | \$16.45 | \$17.96 | \$19.61 | \$21.41 | \$23.38 | \$25.53 | \$27.88 |
| 1.5" Meter | \$30.32 | \$33.11 | \$36.16 | \$39.49 | \$43.12 | \$47.09 | \$51.42 | \$56.15 |
| 2" Meter | \$48.46 | \$52.92 | \$57.79 | \$63.11 | \$68.92 | \$75.26 | \$82.18 | \$89.74 |
| 3" Meter | \$90.75 | \$99.10 | \$108.22 | \$118.18 | \$129.05 | \$140.92 | \$153.88 | \$168.04 |
| 4" Meter | \$151.19 | \$165.10 | \$180.29 | \$196.88 | \$214.99 | \$234.77 | \$256.37 | \$279.96 |
| 6" Meter | \$302.60 | \$330.44 | \$360.84 | \$394.04 | \$430.29 | \$469.88 | \$513.11 | \$560.32 |

| Sewer Rate Schedule (Unincorporated) | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|--------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Monthly Fixed Charges | | | | | | | | |
| 5/8" Meter | \$4.53 | \$7.43 | \$8.12 | \$8.87 | \$9.68 | \$10.56 | \$11.54 | \$12.60 |
| 1" Meter | \$15.06 | \$24.68 | \$26.94 | \$29.42 | \$32.12 | \$35.07 | \$38.30 | \$41.82 |
| 1.5" Meter | \$30.32 | \$49.67 | \$54.24 | \$59.24 | \$64.68 | \$70.64 | \$77.13 | \$84.23 |
| 2" Meter | \$48.46 | \$79.38 | \$86.69 | \$94.67 | \$103.38 | \$112.89 | \$123.27 | \$134.61 |
| 3" Meter | \$90.75 | \$148.65 | \$162.33 | \$177.27 | \$193.58 | \$211.38 | \$230.82 | \$252.06 |
| 4" Meter | \$151.19 | \$247.65 | \$270.44 | \$295.32 | \$322.49 | \$352.16 | \$384.56 | \$419.94 |
| 6" Meter | \$302.60 | \$495.66 | \$541.26 | \$591.06 | \$645.44 | \$704.82 | \$769.67 | \$840.48 |

Sewer Usage Rates

| | | | | | | | | |
|---|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|
| Per 1,000 gallons for first 10,000 gal. | \$4.25 | \$4.64 | \$5.07 | \$5.54 | \$6.05 | \$6.61 | \$7.22 | \$7.88 |
| Sewer Capital Recovery Rate | \$2.41 | \$2.63 | \$2.87 | \$3.13 | \$3.42 | \$3.73 | \$4.07 | \$4.44 |
| Total Usage, < 10,000 gallons | \$6.66 | \$7.27 | \$7.94 | \$8.67 | \$9.47 | \$10.34 | \$11.29 | \$12.32 |
| Per 1,000 gallons exceeding 10,000 gal. | \$4.89 | \$5.34 | \$5.83 | \$6.37 | \$6.96 | \$7.60 | \$8.30 | \$9.06 |
| Sewer Capital Recovery Rate | \$2.41 | \$2.63 | \$2.87 | \$3.13 | \$3.42 | \$3.73 | \$4.07 | \$4.44 |
| Total Usage, > 10,000 gallons | \$7.30 | \$7.97 | \$8.70 | \$9.50 | \$10.38 | \$11.33 | \$12.37 | \$13.50 |

Unincorporated Sewer Usage Rates

| | | | | | | | | |
|---|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Per 1,000 gallons for first 10,000 gal. | \$4.25 | \$6.96 | \$7.61 | \$8.31 | \$9.08 | \$9.92 | \$10.83 | \$11.82 |
| Sewer Capital Recovery Rate | \$2.41 | \$3.95 | \$4.31 | \$4.70 | \$5.13 | \$5.60 | \$6.11 | \$6.66 |
| Total Usage, < 10,000 gallons | \$6.66 | \$10.91 | \$11.91 | \$13.01 | \$14.21 | \$15.51 | \$16.94 | \$18.48 |
| Per 1,000 gallons exceeding 10,000 gal. | \$4.89 | \$8.01 | \$8.75 | \$9.56 | \$10.44 | \$11.40 | \$12.45 | \$13.59 |
| Sewer Capital Recovery Rate | \$2.41 | \$3.95 | \$4.31 | \$4.70 | \$5.13 | \$5.60 | \$6.11 | \$6.66 |
| Total Usage, > 10,000 gallons | \$7.30 | \$11.96 | \$13.05 | \$14.25 | \$15.57 | \$17.00 | \$18.56 | \$20.25 |
| Unmetered Sewer Only, flat charge | \$59.64 | \$59.64 | \$59.64 | \$59.64 | \$59.64 | \$59.64 | \$60.64 | \$61.64 |

FUTURE WATER RATE INCREASES - SCENARIO 2

Water Rate Increase 7.5%
Sewer Rate Increase 7.5%

| Water Rate Increases | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Fixed Charge Increases: | 0% | 15.00% | 7.50% | 7.50% | 7.50% | 7.50% | 7.50% | 7.50% |
| Usage Rate Increases: | 0% | 15.00% | 7.50% | 7.50% | 7.50% | 7.50% | 7.50% | 7.50% |
| Capital Recovery Charges | 0% | 15.00% | 7.50% | 7.50% | 7.50% | 7.50% | 7.50% | 7.50% |

| Water Rate Schedule | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Monthly Fixed Charges | | | | | | | | |
| 5/8" or 3/4" Meter | \$2.28 | \$2.62 | \$2.82 | \$3.03 | \$3.26 | \$3.50 | \$3.76 | \$4.04 |
| 1" Meter | \$7.66 | \$8.81 | \$9.47 | \$10.18 | \$10.94 | \$11.76 | \$12.64 | \$13.59 |
| 1.5" Meter | \$15.16 | \$17.43 | \$18.74 | \$20.15 | \$21.66 | \$23.28 | \$25.03 | \$26.91 |
| 2" Meter | \$24.30 | \$27.95 | \$30.05 | \$32.30 | \$34.72 | \$37.32 | \$40.12 | \$43.13 |
| 3" Meter | \$45.65 | \$52.50 | \$56.44 | \$60.67 | \$65.22 | \$70.11 | \$75.37 | \$81.02 |
| 4" Meter | \$76.14 | \$87.56 | \$94.13 | \$101.19 | \$108.78 | \$116.94 | \$125.71 | \$135.14 |
| 6" Meter | \$152.13 | \$174.95 | \$188.07 | \$202.18 | \$217.34 | \$233.64 | \$251.16 | \$270.00 |
| Senior | \$2.28 | \$2.62 | \$2.82 | \$3.03 | \$3.26 | \$3.50 | \$3.76 | \$4.04 |

Village of Bensenville, Illinois
2014 Water and Sewer Rate Study

Created by: CFB/JES
Updated: 3/27/2014

| Water Rate Schedule (Unincorporated) | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Monthly Fixed Charges | | | | | | | | |
| 5/8" or 3/4" Meter | \$2.28 | \$3.93 | \$4.23 | \$4.55 | \$4.89 | \$5.25 | \$5.64 | \$6.06 |
| 1" Meter | \$7.66 | \$13.22 | \$14.21 | \$15.27 | \$16.41 | \$17.64 | \$18.96 | \$20.39 |
| 1.5" Meter | \$15.16 | \$26.15 | \$28.11 | \$30.23 | \$32.49 | \$34.92 | \$37.55 | \$40.37 |
| 2" Meter | \$24.30 | \$41.93 | \$45.08 | \$48.45 | \$52.08 | \$55.98 | \$60.18 | \$64.70 |
| 3" Meter | \$45.65 | \$78.75 | \$84.66 | \$91.01 | \$97.83 | \$105.17 | \$113.06 | \$121.53 |
| 4" Meter | \$76.14 | \$131.34 | \$141.20 | \$151.79 | \$163.17 | \$175.41 | \$188.57 | \$202.71 |
| 6" Meter | \$152.13 | \$262.43 | \$282.11 | \$303.27 | \$326.01 | \$350.46 | \$376.74 | \$405.00 |

Water Usage Rates

| | | | | | | | | |
|---|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Per 1,000 gallons for first 10,000 gal. | \$5.38 | \$6.19 | \$6.65 | \$7.15 | \$7.69 | \$8.27 | \$8.89 | \$9.56 |
| Water Capital Recovery Rate | \$2.23 | \$2.56 | \$2.75 | \$2.96 | \$3.18 | \$3.42 | \$3.68 | \$3.96 |
| Total Usage, < 10,000 gallons | \$7.61 | \$8.75 | \$9.40 | \$10.11 | \$10.87 | \$11.69 | \$12.57 | \$13.52 |
| Per 1,000 gallons exceeding 10,000 gal. | \$6.19 | \$7.12 | \$7.65 | \$8.22 | \$8.84 | \$9.50 | \$10.21 | \$10.98 |
| Water Capital Recovery Rate | \$2.23 | \$2.56 | \$2.75 | \$2.96 | \$3.18 | \$3.42 | \$3.68 | \$3.96 |
| Total Usage, >10,000 gallons | \$8.42 | \$9.68 | \$10.40 | \$11.18 | \$12.02 | \$12.92 | \$13.89 | \$14.94 |

Village of Bensenville, Illinois
2014 Water and Sewer Rate Study

Created by: CFB/JES
Updated: 3/27/2014

Unincorporated Water Usage Rates

| | | | | | | | | |
|---|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Per 1,000 gallons for first 10,000 gal. | \$5.38 | \$9.29 | \$9.98 | \$10.73 | \$11.54 | \$12.41 | \$13.34 | \$14.34 |
| Water Capital Recovery Rate | \$2.23 | \$3.84 | \$4.13 | \$4.44 | \$4.77 | \$5.13 | \$5.52 | \$5.94 |
| Total Usage, < 10,000 gallons | \$7.61 | \$13.13 | \$14.10 | \$15.17 | \$16.31 | \$17.54 | \$18.86 | \$20.28 |

| | | | | | | | | |
|---|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Per 1,000 gallons exceeding 10,000 gal. | \$6.19 | \$10.68 | \$7.65 | \$8.22 | \$8.84 | \$9.50 | \$10.21 | \$10.98 |
| Water Capital Recovery Rate | \$2.23 | \$2.56 | \$2.75 | \$2.96 | \$3.18 | \$3.42 | \$3.68 | \$3.96 |
| Total Usage, > 10,000 gallons | \$8.42 | \$13.24 | \$10.40 | \$11.18 | \$12.02 | \$12.92 | \$13.89 | \$14.94 |

| | | | | | | | | |
|--|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Unincorporated Surcharge, per month | \$19.39 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
|--|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|

| | | | | | | | | |
|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| DWC Water Rate Increases | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
| Fixed Rate per 1,000 gallons | \$0.27 | \$0.27 | \$0.28 | \$0.40 | \$0.52 | \$0.52 | \$0.52 | \$0.52 |
| O&M Rate per 1,000 gallons | \$3.32 | \$3.97 | \$4.68 | \$5.11 | \$5.26 | \$5.42 | \$5.58 | \$5.75 |
| Rate Increase | 20% | 18% | 17% | 11% | 5% | 3% | 3% | 3% |

Village of Bensenville, Illinois
 2014 Water and Sewer Rate Study
FUTURE SEWER RATE INCREASES

Created by: CFB/JES
 Updated: 3/27/2014

| Sewer Rate Increases | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Fixed Charge Increases: | 0% | 15.00% | 7.50% | 7.50% | 7.50% | 7.50% | 7.50% | 7.50% |
| Usage Rate Increases: | 0% | 15.00% | 7.50% | 7.50% | 7.50% | 7.50% | 7.50% | 7.50% |
| Capital Recovery Charges | 0% | 15.00% | 7.50% | 7.50% | 7.50% | 7.50% | 7.50% | 7.50% |

| Sewer Rate Schedule | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Monthly Fixed Charges | | | | | | | | |
| 5/8" Meter | \$4.53 | \$5.21 | \$5.60 | \$6.02 | \$6.47 | \$6.96 | \$7.48 | \$8.04 |
| 1" Meter | \$15.06 | \$17.32 | \$18.62 | \$20.02 | \$21.52 | \$23.13 | \$24.86 | \$26.72 |
| 1.5" Meter | \$30.32 | \$34.87 | \$37.49 | \$40.30 | \$43.32 | \$46.57 | \$50.06 | \$53.81 |
| 2" Meter | \$48.46 | \$55.73 | \$59.91 | \$64.40 | \$69.23 | \$74.42 | \$80.00 | \$86.00 |
| 3" Meter | \$90.75 | \$104.36 | \$112.19 | \$120.60 | \$129.65 | \$139.37 | \$149.82 | \$161.06 |
| 4" Meter | \$151.19 | \$173.87 | \$186.91 | \$200.93 | \$216.00 | \$232.20 | \$249.62 | \$268.34 |
| 6" Meter | \$302.60 | \$347.99 | \$374.09 | \$402.15 | \$432.31 | \$464.73 | \$499.58 | \$537.05 |

Village of Bensenville, Illinois
2014 Water and Sewer Rate Study

Created by: CFB/JES
Updated: 3/27/2014

| Sewer Rate Schedule (Unincorporated) | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Monthly Fixed Charges | | | | | | | | |
| 5/8" Meter | \$4.53 | \$7.82 | \$8.40 | \$9.03 | \$9.71 | \$10.44 | \$11.22 | \$12.06 |
| 1" Meter | \$15.06 | \$25.98 | \$27.93 | \$30.03 | \$32.28 | \$34.70 | \$37.29 | \$40.08 |
| 1.5" Meter | \$30.32 | \$52.31 | \$56.24 | \$60.45 | \$64.98 | \$69.86 | \$75.09 | \$80.72 |
| 2" Meter | \$48.46 | \$83.60 | \$89.87 | \$96.60 | \$103.85 | \$111.63 | \$120.00 | \$129.00 |
| 3" Meter | \$90.75 | \$156.54 | \$168.29 | \$180.90 | \$194.48 | \$209.06 | \$224.73 | \$241.59 |
| 4" Meter | \$151.19 | \$260.81 | \$280.37 | \$301.40 | \$324.00 | \$348.30 | \$374.43 | \$402.51 |
| 6" Meter | \$302.60 | \$521.99 | \$561.14 | \$603.23 | \$648.47 | \$697.10 | \$749.37 | \$805.58 |

Sewer Usage Rates

| | | | | | | | | |
|---|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|
| Per 1,000 gallons for first 10,000 gal. | \$4.25 | \$4.89 | \$5.26 | \$5.65 | \$6.07 | \$6.53 | \$7.02 | \$7.55 |
| Sewer Capital Recovery Rate | \$2.41 | \$2.77 | \$2.98 | \$3.20 | \$3.44 | \$3.70 | \$3.98 | \$4.28 |
| Total Usage, < 10,000 gallons | \$6.66 | \$7.66 | \$8.24 | \$8.85 | \$9.51 | \$10.23 | \$11.00 | \$11.83 |

| | | | | | | | | |
|---|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|
| Per 1,000 gallons exceeding 10,000 gal. | \$4.89 | \$5.62 | \$6.04 | \$6.49 | \$6.98 | \$7.50 | \$8.06 | \$8.66 |
| Sewer Capital Recovery Rate | \$2.41 | \$2.77 | \$2.98 | \$3.20 | \$3.44 | \$3.70 | \$3.98 | \$4.28 |
| Total Usage, > 10,000 gallons | \$7.30 | \$8.39 | \$9.02 | \$9.69 | \$10.42 | \$11.20 | \$12.04 | \$12.94 |

Unincorporated Sewer Usage Rates

| | | | | | | | | |
|---|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Per 1,000 gallons for first 10,000 gal. | \$4.25 | \$7.34 | \$7.89 | \$8.48 | \$9.11 | \$9.80 | \$10.53 | \$11.33 |
| Sewer Capital Recovery Rate | \$2.41 | \$4.16 | \$4.47 | \$4.80 | \$5.16 | \$5.55 | \$5.97 | \$6.42 |
| Total Usage, < 10,000 gallons | \$6.66 | \$11.49 | \$12.36 | \$13.28 | \$14.27 | \$15.35 | \$16.50 | \$17.75 |

| | | | | | | | | |
|---|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Per 1,000 gallons exceeding 10,000 gal. | \$4.89 | \$8.43 | \$9.06 | \$9.74 | \$10.47 | \$11.25 | \$12.09 | \$12.99 |
| Sewer Capital Recovery Rate | \$2.41 | \$4.16 | \$4.47 | \$4.80 | \$5.16 | \$5.55 | \$5.97 | \$6.42 |
| Total Usage, > 10,000 gallons | \$7.30 | \$12.59 | \$13.53 | \$14.54 | \$15.63 | \$16.80 | \$18.06 | \$19.41 |

| | | | | | | | | |
|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Unmetered Sewer Only, flat charge | \$59.64 | \$59.64 | \$59.64 | \$59.64 | \$59.64 | \$59.64 | \$60.64 | \$61.64 |
|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|

FUTURE WATER RATE INCREASES - SCENARIO 3

Water Rate Increase 44.7%
Sewer Rate Increase 44.7%

| Water Rate Increases | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Fixed Charge Increases: | 0% | 44.70% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Usage Rate Increases: | 0% | 44.70% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Capital Recovery Charges | 0% | 44.70% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |

| Water Rate Schedule | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Monthly Fixed Charges | | | | | | | | |
| 5/8" or 3/4" Meter | \$2.28 | \$3.30 | \$3.30 | \$3.30 | \$3.30 | \$3.30 | \$3.30 | \$3.30 |
| 1" Meter | \$7.66 | \$11.08 | \$11.08 | \$11.08 | \$11.08 | \$11.08 | \$11.08 | \$11.08 |
| 1.5" Meter | \$15.16 | \$21.94 | \$21.94 | \$21.94 | \$21.94 | \$21.94 | \$21.94 | \$21.94 |
| 2" Meter | \$24.30 | \$35.16 | \$35.16 | \$35.16 | \$35.16 | \$35.16 | \$35.16 | \$35.16 |
| 3" Meter | \$45.65 | \$66.06 | \$66.06 | \$66.06 | \$66.06 | \$66.06 | \$66.06 | \$66.06 |
| 4" Meter | \$76.14 | \$110.17 | \$110.17 | \$110.17 | \$110.17 | \$110.17 | \$110.17 | \$110.17 |
| 6" Meter | \$152.13 | \$220.13 | \$220.13 | \$220.13 | \$220.13 | \$220.13 | \$220.13 | \$220.13 |
| Senior | \$2.28 | \$3.30 | \$3.30 | \$3.30 | \$3.30 | \$3.30 | \$3.30 | \$3.30 |

Village of Bensenville, Illinois
2014 Water and Sewer Rate Study

Created by: CFB/JES
Updated: 3/27/2014

| Water Rate Schedule (Unincorporated) | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Monthly Fixed Charges | | | | | | | | |
| 5/8" or 3/4" Meter | \$2.28 | \$4.95 | \$4.95 | \$4.95 | \$4.95 | \$4.95 | \$4.95 | \$4.95 |
| 1" Meter | \$7.66 | \$16.62 | \$16.62 | \$16.62 | \$16.62 | \$16.62 | \$16.62 | \$16.62 |
| 1.5" Meter | \$15.16 | \$32.91 | \$32.91 | \$32.91 | \$32.91 | \$32.91 | \$32.91 | \$32.91 |
| 2" Meter | \$24.30 | \$52.74 | \$52.74 | \$52.74 | \$52.74 | \$52.74 | \$52.74 | \$52.74 |
| 3" Meter | \$45.65 | \$99.09 | \$99.09 | \$99.09 | \$99.09 | \$99.09 | \$99.09 | \$99.09 |
| 4" Meter | \$76.14 | \$165.26 | \$165.26 | \$165.26 | \$165.26 | \$165.26 | \$165.26 | \$165.26 |
| 6" Meter | \$152.13 | \$330.20 | \$330.20 | \$330.20 | \$330.20 | \$330.20 | \$330.20 | \$330.20 |

Water Usage Rates

| | | | | | | | | |
|---|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Per 1,000 gallons for first 10,000 gal. | \$5.38 | \$7.78 | \$7.78 | \$7.78 | \$7.78 | \$7.78 | \$7.78 | \$7.78 |
| Water Capital Recovery Rate | \$2.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 |
| Total Usage, < 10,000 gallons | \$7.61 | \$11.01 | \$11.01 | \$11.01 | \$11.01 | \$11.01 | \$11.01 | \$11.01 |
| Per 1,000 gallons exceeding 10,000 gal. | \$6.19 | \$8.96 | \$8.96 | \$8.96 | \$8.96 | \$8.96 | \$8.96 | \$8.96 |
| Water Capital Recovery Rate | \$2.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 |
| Total Usage, >10,000 gallons | \$8.42 | \$12.19 | \$12.19 | \$12.19 | \$12.19 | \$12.19 | \$12.19 | \$12.19 |

Unincorporated Water Usage Rates

| | | | | | | | | |
|---|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Per 1,000 gallons for first 10,000 gal. | \$5.38 | \$11.67 | \$11.67 | \$11.67 | \$11.67 | \$11.67 | \$11.67 | \$11.67 |
| Water Capital Recovery Rate | \$2.23 | \$4.85 | \$4.85 | \$4.85 | \$4.85 | \$4.85 | \$4.85 | \$4.85 |
| Total Usage, < 10,000 gallons | \$7.61 | \$16.52 | \$16.52 | \$16.52 | \$16.52 | \$16.52 | \$16.52 | \$16.52 |

| | | | | | | | | |
|---|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Per 1,000 gallons exceeding 10,000 gal. | \$6.19 | \$13.44 | \$8.96 | \$8.96 | \$8.96 | \$8.96 | \$8.96 | \$8.96 |
| Water Capital Recovery Rate | \$2.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 |
| Total Usage, > 10,000 gallons | \$8.42 | \$16.67 | \$12.19 | \$12.19 | \$12.19 | \$12.19 | \$12.19 | \$12.19 |

| | | | | | | | | |
|--|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Unincorporated Surcharge, per month | \$19.39 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
|--|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|

| | | | | | | | | |
|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| DWC Water Rate Increases | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
| Fixed Rate per 1,000 gallons | \$0.27 | \$0.27 | \$0.28 | \$0.40 | \$0.52 | \$0.52 | \$0.52 | \$0.52 |
| O&M Rate per 1,000 gallons | \$3.32 | \$3.97 | \$4.68 | \$5.11 | \$5.26 | \$5.42 | \$5.58 | \$5.75 |
| Rate Increase | 20% | 18% | 17% | 11% | 5% | 3% | 3% | 3% |

FUTURE SEWER RATE INCREASES

| Sewer Rate Increases | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Fixed Charge Increases: | 0% | 44.70% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Usage Rate Increases: | 0% | 44.70% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Capital Recovery Charges | 0% | 44.70% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |

| Sewer Rate Schedule | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Monthly Fixed Charges | | | | | | | | |
| 5/8" Meter | \$4.53 | \$6.55 | \$6.55 | \$6.55 | \$6.55 | \$6.55 | \$6.55 | \$6.55 |
| 1" Meter | \$15.06 | \$21.79 | \$21.79 | \$21.79 | \$21.79 | \$21.79 | \$21.79 | \$21.79 |
| 1.5" Meter | \$30.32 | \$43.87 | \$43.87 | \$43.87 | \$43.87 | \$43.87 | \$43.87 | \$43.87 |
| 2" Meter | \$48.46 | \$70.12 | \$70.12 | \$70.12 | \$70.12 | \$70.12 | \$70.12 | \$70.12 |
| 3" Meter | \$90.75 | \$131.32 | \$131.32 | \$131.32 | \$131.32 | \$131.32 | \$131.32 | \$131.32 |
| 4" Meter | \$151.19 | \$218.77 | \$218.77 | \$218.77 | \$218.77 | \$218.77 | \$218.77 | \$218.77 |
| 6" Meter | \$302.60 | \$437.86 | \$437.86 | \$437.86 | \$437.86 | \$437.86 | \$437.86 | \$437.86 |

Village of Bensenville, Illinois
2014 Water and Sewer Rate Study

Created by: CFB/JES
Updated: 3/27/2014

| Sewer Rate Schedule (Unincorporated) | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Monthly Fixed Charges | | | | | | | | |
| 5/8" Meter | \$4.53 | \$9.83 | \$9.83 | \$9.83 | \$9.83 | \$9.83 | \$9.83 | \$9.83 |
| 1" Meter | \$15.06 | \$32.69 | \$32.69 | \$32.69 | \$32.69 | \$32.69 | \$32.69 | \$32.69 |
| 1.5" Meter | \$30.32 | \$65.81 | \$65.81 | \$65.81 | \$65.81 | \$65.81 | \$65.81 | \$65.81 |
| 2" Meter | \$48.46 | \$105.18 | \$105.18 | \$105.18 | \$105.18 | \$105.18 | \$105.18 | \$105.18 |
| 3" Meter | \$90.75 | \$196.98 | \$196.98 | \$196.98 | \$196.98 | \$196.98 | \$196.98 | \$196.98 |
| 4" Meter | \$151.19 | \$328.16 | \$328.16 | \$328.16 | \$328.16 | \$328.16 | \$328.16 | \$328.16 |
| 6" Meter | \$302.60 | \$656.79 | \$656.79 | \$656.79 | \$656.79 | \$656.79 | \$656.79 | \$656.79 |

Sewer Usage Rates

| | | | | | | | | |
|---|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Per 1,000 gallons for first 10,000 gal. | \$4.25 | \$6.15 | \$6.15 | \$6.15 | \$6.15 | \$6.15 | \$6.15 | \$6.15 |
| Sewer Capital Recovery Rate | \$2.41 | \$3.49 | \$3.49 | \$3.49 | \$3.49 | \$3.49 | \$3.49 | \$3.49 |
| Total Usage, < 10,000 gallons | \$6.66 | \$9.64 | \$9.64 | \$9.64 | \$9.64 | \$9.64 | \$9.64 | \$9.64 |
| Per 1,000 gallons exceeding 10,000 gal. | \$4.89 | \$7.08 | \$7.08 | \$7.08 | \$7.08 | \$7.08 | \$7.08 | \$7.08 |
| Sewer Capital Recovery Rate | \$2.41 | \$3.49 | \$3.49 | \$3.49 | \$3.49 | \$3.49 | \$3.49 | \$3.49 |
| Total Usage, > 10,000 gallons | \$7.30 | \$10.57 | \$10.57 | \$10.57 | \$10.57 | \$10.57 | \$10.57 | \$10.57 |

Unincorporated Sewer Usage Rates

| | | | | | | | | |
|---|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Per 1,000 gallons for first 10,000 gal. | \$4.25 | \$9.23 | \$9.23 | \$9.23 | \$9.23 | \$9.23 | \$9.23 | \$9.23 |
| Sewer Capital Recovery Rate | \$2.41 | \$5.24 | \$5.24 | \$5.24 | \$5.24 | \$5.24 | \$5.24 | \$5.24 |
| Total Usage, < 10,000 gallons | \$6.66 | \$14.46 | \$14.46 | \$14.46 | \$14.46 | \$14.46 | \$14.46 | \$14.46 |
| Per 1,000 gallons exceeding 10,000 gal. | \$4.89 | \$10.62 | \$10.62 | \$10.62 | \$10.62 | \$10.62 | \$10.62 | \$10.62 |
| Sewer Capital Recovery Rate | \$2.41 | \$5.24 | \$5.24 | \$5.24 | \$5.24 | \$5.24 | \$5.24 | \$5.24 |
| Total Usage, > 10,000 gallons | \$7.30 | \$15.86 | \$15.86 | \$15.86 | \$15.86 | \$15.86 | \$15.86 | \$15.86 |
| Unmetered Sewer Only, flat charge | \$59.64 | \$59.64 | \$59.64 | \$59.64 | \$59.64 | \$59.64 | \$60.64 | \$61.64 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

PROJECTED WATER REVENUE - BASELINE

Fixed Charge Revenue

| | | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---------------------------------------|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Bills Issued for 5/8" and 3/4" Meters | | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 |
| Monthly Minimum Charge | x | \$2.28 | \$2.28 | \$2.28 | \$2.28 | \$2.28 | \$2.28 | \$2.28 | \$2.28 |
| 5/8" & 3/4" Min. Chg. Revenue | | \$110,359 | \$110,359 | \$110,359 | \$110,359 | \$110,359 | \$110,359 | \$110,359 | \$110,359 |
| Bills Issued for 1" Meter | | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 |
| Monthly Minimum Charge | x | \$7.66 | \$7.66 | \$7.66 | \$7.66 | \$7.66 | \$7.66 | \$7.66 | \$7.66 |
| 1" Meter Minimum Charge Revenue | | \$27,921 | \$27,921 | \$27,921 | \$27,921 | \$27,921 | \$27,921 | \$27,921 | \$27,921 |
| Bills Issued for 1 1/2" Meter | | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 |
| Monthly Minimum Charge | x | \$15.16 | \$15.16 | \$15.16 | \$15.16 | \$15.16 | \$15.16 | \$15.16 | \$15.16 |
| 1 1/2" Meter Minimum Chg. Revenue | | \$63,748 | \$63,748 | \$63,748 | \$63,748 | \$63,748 | \$63,748 | \$63,748 | \$63,748 |
| Bills Issued for 2" Meter | | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 |
| Monthly Minimum Charge | x | \$24.30 | \$24.30 | \$24.30 | \$24.30 | \$24.30 | \$24.30 | \$24.30 | \$24.30 |
| 2" Meter Minimum Charge Revenue | | \$35,429 | \$35,429 | \$35,429 | \$35,429 | \$35,429 | \$35,429 | \$35,429 | \$35,429 |
| Bills Issued for 3" Meter | | 432 | 432 | 432 | 432 | 432 | 432 | 432 | 432 |
| Monthly Minimum Charge | x | \$45.65 | \$45.65 | \$45.65 | \$45.65 | \$45.65 | \$45.65 | \$45.65 | \$45.65 |
| 3" Meter Minimum Charge Revenue | | \$19,721 | \$19,721 | \$19,721 | \$19,721 | \$19,721 | \$19,721 | \$19,721 | \$19,721 |
| Bills Issued for 4" Meter | | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 |
| Monthly Minimum Charge | x | \$76.14 | \$76.14 | \$76.14 | \$76.14 | \$76.14 | \$76.14 | \$76.14 | \$76.14 |
| 4" Meter Minimum Charge Revenue | | \$8,223 | \$8,223 | \$8,223 | \$8,223 | \$8,223 | \$8,223 | \$8,223 | \$8,223 |
| Bills Issued for 6" Meter | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Monthly Minimum Charge | x | \$152.13 | \$152.13 | \$152.13 | \$152.13 | \$152.13 | \$152.13 | \$152.13 | \$152.13 |
| 6" Meter Minimum Charge Revenue | | \$3,803 | \$3,803 | \$3,803 | \$3,803 | \$3,803 | \$3,803 | \$3,803 | \$3,803 |
| Sub-Total Fixed Charges | | \$269,204 | \$269,204 | \$269,204 | \$269,204 | \$269,204 | \$269,204 | \$269,204 | \$269,204 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

PROJECTED WATER REVENUE - BASELINE

Fixed Charge Revenue - Unincorporated

| | | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Bills Issued for 5/8" and 3/4" Meters | | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 |
| Monthly Minimum Charge | x | \$2.28 | \$2.28 | \$2.28 | \$2.28 | \$2.28 | \$2.28 | \$2.28 | \$2.28 |
| 5/8" & 3/4" Min. Chg. Revenue | | \$730 | \$730 | \$730 | \$730 | \$730 | \$730 | \$730 | \$730 |
| Bills Issued for 1" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$7.66 | \$7.66 | \$7.66 | \$7.66 | \$7.66 | \$7.66 | \$7.66 | \$7.66 |
| 1" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 1 1/2" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$15.16 | \$15.16 | \$15.16 | \$15.16 | \$15.16 | \$15.16 | \$15.16 | \$15.16 |
| 1 1/2" Meter Minimum Chg. Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 2" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$24.30 | \$24.30 | \$24.30 | \$24.30 | \$24.30 | \$24.30 | \$24.30 | \$24.30 |
| 2" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 3" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$45.65 | \$45.65 | \$45.65 | \$45.65 | \$45.65 | \$45.65 | \$45.65 | \$45.65 |
| 3" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 4" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$76.14 | \$76.14 | \$76.14 | \$76.14 | \$76.14 | \$76.14 | \$76.14 | \$76.14 |
| 4" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 6" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$152.13 | \$152.13 | \$152.13 | \$152.13 | \$152.13 | \$152.13 | \$152.13 | \$152.13 |
| 6" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sub-Total Fixed Charges - Uninc. | | | \$730 | \$730 | \$730 | \$730 | \$730 | \$730 | \$730 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 5/5/2014

PROJECTED WATER REVENUE - BASELINE

Unincorporated Capital Recovery Fee

| | | | | | | | | |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Unincorporated Additional Capital Recovery | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 |
| Fee per Service | \$19.39 | \$19.39 | \$19.39 | \$19.39 | \$19.39 | \$19.39 | \$19.39 | \$19.39 |
| Sub-Total Uninc. Capital Recovery Fee | \$74,458 | \$74,458 | \$74,458 | \$74,458 | \$74,458 | \$74,458 | \$74,458 | \$74,458 |

Commodity Charge Revenue

| | | | | | | | | |
|-------------------------------------|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Metered Water Usage (gallons) | | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 |
| Water Usage Rate (0-10,000 gal) | x | \$5.38 | \$5.38 | \$5.38 | \$5.38 | \$5.38 | \$5.38 | \$5.38 |
| Water Usage Revenue | | \$2,044,813 | \$2,044,813 | \$2,044,813 | \$2,044,813 | \$2,044,813 | \$2,044,813 | \$2,044,813 |
| Metered Water Usage (gallons) | | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 |
| Water Usage Rate (above 10,000 gal) | x | \$6.19 | \$6.19 | \$6.19 | \$6.19 | \$6.19 | \$6.19 | \$6.19 |
| Water Usage Revenue | | \$870,167 | \$870,167 | \$870,167 | \$870,167 | \$870,167 | \$870,167 | \$870,167 |
| Sub-Total Commodity Charges | | \$2,914,980 | \$2,914,980 | \$2,914,980 | \$2,914,980 | \$2,914,980 | \$2,914,980 | \$2,914,980 |

PROJECTED WATER REVENUE - BASELINE

| | | | | | | | | |
|---|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Metered Water Usage (gallons) | | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 |
| Water Usage Rate (0-10,000 gal) | x | \$5.38 | \$5.38 | \$5.38 | \$5.38 | \$5.38 | \$5.38 | \$5.38 |
| Water Usage Revenue | | \$104,087 | \$104,087 | \$104,087 | \$104,087 | \$104,087 | \$104,087 | \$104,087 |
| Metered Water Usage (gallons) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Water Usage Rate (above 10,000 gal) | x | \$6.19 | \$6.19 | \$6.19 | \$6.19 | \$6.19 | \$6.19 | \$6.19 |
| Water Usage Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sub-Total Commodity Charges - Uninc. | | \$147,231 | \$104,087 | \$104,087 | \$104,087 | \$104,087 | \$104,087 | \$104,087 |

[illegible][illegible]

Baxter & Woodman, Inc.
Project No. 100563.30

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED WATER REVENUE - SCENARIO 1

Fixed Charge Revenue

| | | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---------------------------------------|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Bills Issued for 5/8" and 3/4" Meters | | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 |
| Monthly Minimum Charge | x | \$2.28 | \$2.49 | \$2.72 | \$2.97 | \$3.24 | \$3.54 | \$3.87 | \$4.23 |
| 5/8" & 3/4" Min. Chg. Revenue | | \$110,359 | \$115,441 | \$129,801 | \$141,740 | \$154,648 | \$168,926 | \$184,657 | \$201,841 |
| Bills Issued for 1" Meter | | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 |
| Monthly Minimum Charge | x | \$7.66 | \$8.36 | \$9.13 | \$9.97 | \$10.89 | \$11.89 | \$12.98 | \$14.17 |
| 1" Meter Minimum Charge Revenue | | \$27,921 | \$29,196 | \$32,811 | \$35,830 | \$39,135 | \$42,732 | \$46,650 | \$50,927 |
| Bills Issued for 1 1/2" Meter | | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 |
| Monthly Minimum Charge | x | \$15.16 | \$16.55 | \$18.07 | \$19.73 | \$21.55 | \$23.53 | \$25.69 | \$28.05 |
| 1 1/2" Meter Minimum Chg. Revenue | | \$63,748 | \$66,670 | \$74,919 | \$81,801 | \$89,342 | \$97,556 | \$106,513 | \$116,296 |
| Bills Issued for 2" Meter | | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 |
| Monthly Minimum Charge | x | \$24.30 | \$26.54 | \$28.98 | \$31.65 | \$34.56 | \$37.74 | \$41.21 | \$45.00 |
| 2" Meter Minimum Charge Revenue | | \$35,429 | \$37,062 | \$41,660 | \$45,497 | \$49,681 | \$54,252 | \$59,241 | \$64,689 |
| Bills Issued for 3" Meter | | 432 | 432 | 432 | 432 | 432 | 432 | 432 | 432 |
| Monthly Minimum Charge | x | \$45.65 | \$49.85 | \$54.44 | \$59.45 | \$64.92 | \$70.89 | \$77.41 | \$84.53 |
| 3" Meter Minimum Charge Revenue | | \$19,721 | \$20,628 | \$23,188 | \$25,322 | \$27,652 | \$30,195 | \$32,972 | \$36,004 |
| Bills Issued for 4" Meter | | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 |
| Monthly Minimum Charge | x | \$76.14 | \$83.14 | \$90.79 | \$99.14 | \$108.26 | \$118.22 | \$129.10 | \$140.98 |
| 4" Meter Minimum Charge Revenue | | \$8,223 | \$8,601 | \$9,668 | \$10,557 | \$11,528 | \$12,588 | \$13,747 | \$15,012 |
| Bills Issued for 6" Meter | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Monthly Minimum Charge | x | \$152.13 | \$166.13 | \$181.41 | \$198.10 | \$216.33 | \$236.23 | \$257.96 | \$281.69 |
| 6" Meter Minimum Charge Revenue | | \$3,803 | \$3,978 | \$4,472 | \$4,883 | \$5,332 | \$5,823 | \$6,358 | \$6,943 |
| Sub-Total Fixed Charges | | \$269,204 | \$281,578 | \$316,518 | \$345,630 | \$377,318 | \$412,072 | \$450,138 | \$491,712 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED WATER REVENUE - SCENARIO 1

Fixed Charge Revenue - Unincorporated

| | | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---------------------------------------|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Bills Issued for 5/8" and 3/4" Meters | | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 |
| Monthly Minimum Charge | x | \$2.28 | \$3.74 | \$4.08 | \$4.46 | \$4.86 | \$5.31 | \$5.81 | \$6.35 |
| 5/8" & 3/4" Min. Chg. Revenue | | \$730 | \$962 | \$1,287 | \$1,406 | \$1,534 | \$1,675 | \$1,831 | \$2,002 |
| Bills Issued for 1" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$7.66 | \$12.54 | \$13.70 | \$14.96 | \$16.34 | \$17.84 | \$19.47 | \$21.26 |
| 1" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 1 1/2" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$15.16 | \$24.83 | \$27.11 | \$29.60 | \$32.33 | \$35.30 | \$38.54 | \$42.08 |
| 1 1/2" Meter Minimum Chg. Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 2" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$24.30 | \$39.81 | \$43.47 | \$47.48 | \$51.84 | \$56.61 | \$61.82 | \$67.50 |
| 2" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 3" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$45.65 | \$74.78 | \$81.66 | \$89.18 | \$97.38 | \$106.34 | \$116.12 | \$126.80 |
| 3" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 4" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$76.14 | \$124.71 | \$136.19 | \$148.71 | \$162.39 | \$177.33 | \$193.65 | \$211.47 |
| 4" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 6" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$152.13 | \$249.20 | \$272.12 | \$297.15 | \$324.50 | \$354.35 | \$386.94 | \$422.54 |
| 6" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sub-Total Fixed Charges - Uninc. | | | \$962 | \$1,287 | \$1,406 | \$1,534 | \$1,675 | \$1,831 | \$2,002 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED WATER REVENUE - SCENARIO 1

Unincorporated Capital Recovery Fee

| | | | | | | | | |
|--|-----------------|-----------------|------------|------------|------------|------------|------------|------------|
| Unincorporated Additional Capital Recovery | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 |
| Fee per Service | \$19.39 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Sub-Total Uninc. Capital Recovery Fee | \$74,458 | \$37,229 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

Commodity Charge Revenue

| | | | | | | | | |
|-------------------------------------|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Metered Water Usage (gallons) | | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 |
| Water Usage Rate (0-10,000 gal) | x | \$5.38 | \$5.87 | \$6.41 | \$7.00 | \$7.64 | \$8.34 | \$9.11 |
| Water Usage Revenue | | \$2,044,813 | \$2,137,931 | \$2,402,085 | \$2,623,163 | \$2,863,244 | \$3,125,497 | \$3,728,552 |
| Metered Water Usage (gallons) | | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 |
| Water Usage Rate (above 10,000 gal) | x | \$6.19 | \$6.76 | \$7.38 | \$8.06 | \$8.80 | \$9.61 | \$10.49 |
| Water Usage Revenue | | \$870,167 | \$910,232 | \$1,022,927 | \$1,117,113 | \$1,219,734 | \$1,331,961 | \$1,588,278 |
| Sub-Total Commodity Charges | | \$2,914,980 | \$3,048,163 | \$3,425,012 | \$3,740,276 | \$4,082,978 | \$4,457,458 | \$5,316,830 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED WATER REVENUE - SCENARIO 1

Commodity Charge Revenue - Unincorporated

| | | | | | | | | | |
|---|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Metered Water Usage (gallons) | | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 |
| Water Usage Rate (0-10,000 gal) | x | \$5.38 | \$8.81 | \$9.62 | \$10.50 | \$11.46 | \$12.51 | \$13.67 | \$14.93 |
| Water Usage Revenue | | \$104,087 | \$137,219 | \$183,410 | \$200,290 | \$218,621 | \$238,645 | \$260,652 | \$284,691 |
| Metered Water Usage (gallons) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Water Usage Rate (above 10,000 gal) | x | \$6.19 | \$10.14 | \$7.38 | \$8.06 | \$8.80 | \$9.61 | \$10.49 | \$11.46 |
| Water Usage Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sub-Total Commodity Charges - Uninc. | | \$147,231 | \$137,219 | \$183,410 | \$200,290 | \$218,621 | \$238,645 | \$260,652 | \$284,691 |

Capital Recovery

| | | | | | | | | | |
|-----------------------------------|---|-------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Metered Water Usage (gallons) | | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 |
| Water Capital Recovery Rate | x | \$2.23 | \$2.44 | \$2.66 | \$2.90 | \$3.17 | \$3.46 | \$3.78 | \$4.13 |
| Water Capital Recovery Revenue | | 1,161,056 | \$1,215,725 | \$1,365,846 | \$1,489,068 | \$1,627,041 | \$1,776,294 | \$1,940,300 | \$2,119,925 |
| Sub-Total Capital Recovery | | | \$1,215,725 | \$1,365,846 | \$1,489,068 | \$1,627,041 | \$1,776,294 | \$1,940,300 | \$2,119,925 |

Capital Recovery - Unincorporated

| | | | | | | | | | |
|---|---|------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Metered Water Usage (gallons) | | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 |
| Water Capital Recovery Rate | x | \$2.23 | \$2.44 | \$2.66 | \$2.90 | \$3.17 | \$3.46 | \$3.78 | \$4.13 |
| Water Capital Recovery Revenue | | \$43,144 | \$45,175 | \$50,754 | \$55,332 | \$60,459 | \$66,006 | \$72,100 | \$78,775 |
| Sub-Total Capital Recovery - Uninc | | | \$45,175 | \$50,754 | \$55,332 | \$60,459 | \$66,006 | \$72,100 | \$78,775 |

| | | | | | | | | | | | | | | |
|----------------------------|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|
| Total Water Revenue | \$ | 4,766,050 | \$ | 5,342,826 | \$ | 5,832,001 | \$ | 6,367,951 | \$ | 6,952,150 | \$ | 7,592,772 | \$ | 8,293,935 |
|----------------------------|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED WATER REVENUE - SCENARIO 2

Fixed Charge Revenue

| | | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---------------------------------------|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Bills Issued for 5/8" and 3/4" Meters | | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 |
| Monthly Minimum Charge | x | \$2.28 | \$2.62 | \$2.82 | \$3.03 | \$3.26 | \$3.50 | \$3.76 | \$4.04 |
| 5/8" & 3/4" Min. Chg. Revenue | | \$110,359 | \$118,587 | \$134,883 | \$144,967 | \$155,938 | \$167,474 | \$179,898 | \$193,289 |
| Bills Issued for 1" Meter | | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 |
| Monthly Minimum Charge | x | \$7.66 | \$8.81 | \$9.47 | \$10.18 | \$10.94 | \$11.76 | \$12.64 | \$13.59 |
| 1" Meter Minimum Charge Revenue | | \$27,921 | \$30,017 | \$34,117 | \$36,675 | \$39,415 | \$42,367 | \$45,538 | \$48,958 |
| Bills Issued for 1 1/2" Meter | | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 |
| Monthly Minimum Charge | x | \$15.16 | \$17.43 | \$18.74 | \$20.15 | \$21.66 | \$23.28 | \$25.03 | \$26.91 |
| 1 1/2" Meter Minimum Chg. Revenue | | \$63,748 | \$68,520 | \$77,884 | \$83,743 | \$90,022 | \$96,757 | \$104,025 | \$111,839 |
| Bills Issued for 2" Meter | | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 |
| Monthly Minimum Charge | x | \$24.30 | \$27.95 | \$30.05 | \$32.30 | \$34.72 | \$37.32 | \$40.12 | \$43.13 |
| 2" Meter Minimum Charge Revenue | | \$35,429 | \$38,090 | \$43,303 | \$46,547 | \$50,034 | \$53,781 | \$57,815 | \$62,152 |
| Bills Issued for 3" Meter | | 432 | 432 | 432 | 432 | 432 | 432 | 432 | 432 |
| Monthly Minimum Charge | x | \$45.65 | \$52.50 | \$56.44 | \$60.67 | \$65.22 | \$70.11 | \$75.37 | \$81.02 |
| 3" Meter Minimum Charge Revenue | | \$19,721 | \$21,200 | \$24,098 | \$25,905 | \$27,847 | \$29,935 | \$32,181 | \$34,594 |
| Bills Issued for 4" Meter | | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 |
| Monthly Minimum Charge | x | \$76.14 | \$87.56 | \$94.13 | \$101.19 | \$108.78 | \$116.94 | \$125.71 | \$135.14 |
| 4" Meter Minimum Charge Revenue | | \$8,223 | \$8,840 | \$10,048 | \$10,801 | \$11,612 | \$12,483 | \$13,419 | \$14,425 |
| Bills Issued for 6" Meter | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Monthly Minimum Charge | x | \$152.13 | \$174.95 | \$188.07 | \$202.18 | \$217.34 | \$233.64 | \$251.16 | \$270.00 |
| 6" Meter Minimum Charge Revenue | | \$3,803 | \$4,089 | \$4,647 | \$4,996 | \$5,370 | \$5,773 | \$6,206 | \$6,672 |
| Sub-Total Fixed Charges | | \$269,204 | \$289,343 | \$328,980 | \$353,633 | \$380,238 | \$408,570 | \$439,081 | \$471,930 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED WATER REVENUE - SCENARIO 2

Fixed Charge Revenue - Unincorporated

| | | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---------------------------------------|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Bills Issued for 5/8" and 3/4" Meters | | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 |
| Monthly Minimum Charge | x | \$2.28 | \$3.93 | \$4.23 | \$4.55 | \$4.89 | \$5.25 | \$5.64 | \$6.06 |
| 5/8" & 3/4" Min. Chg. Revenue | | \$730 | \$994 | \$1,338 | \$1,438 | \$1,546 | \$1,661 | \$1,784 | \$1,917 |
| Bills Issued for 1" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$7.66 | \$13.22 | \$14.21 | \$15.27 | \$16.41 | \$17.64 | \$18.96 | \$20.39 |
| 1" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 1 1/2" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$15.16 | \$26.15 | \$28.11 | \$30.23 | \$32.49 | \$34.92 | \$37.55 | \$40.37 |
| 1 1/2" Meter Minimum Chg. Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 2" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$24.30 | \$41.93 | \$45.08 | \$48.45 | \$52.08 | \$55.98 | \$60.18 | \$64.70 |
| 2" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 3" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$45.65 | \$78.75 | \$84.66 | \$91.01 | \$97.83 | \$105.17 | \$113.06 | \$121.53 |
| 3" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 4" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$76.14 | \$131.34 | \$141.20 | \$151.79 | \$163.17 | \$175.41 | \$188.57 | \$202.71 |
| 4" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 6" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$152.13 | \$262.43 | \$282.11 | \$303.27 | \$326.01 | \$350.46 | \$376.74 | \$405.00 |
| 6" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sub-Total Fixed Charges - Uninc. | | | \$994 | \$1,338 | \$1,438 | \$1,546 | \$1,661 | \$1,784 | \$1,917 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED WATER REVENUE - SCENARIO 2

Unincorporated Capital Recovery Fee

| | | | | | | | | |
|--|-----------------|-----------------|------------|------------|------------|------------|------------|------------|
| Unincorporated Additional Capital Recovery | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 |
| Fee per Service | \$19.39 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Sub-Total Uninc. Capital Recovery Fee | \$74,458 | \$37,229 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

Commodity Charge Revenue

| | | | | | | | | |
|-------------------------------------|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Metered Water Usage (gallons) | | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 |
| Water Usage Rate (0-10,000 gal) | x | \$5.38 | \$6.19 | \$6.65 | \$7.15 | \$7.69 | \$8.27 | \$8.89 |
| Water Usage Revenue | | \$2,044,813 | \$2,198,744 | \$2,498,371 | \$2,685,875 | \$2,888,583 | \$3,106,493 | \$3,339,607 |
| Metered Water Usage (gallons) | | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 |
| Water Usage Rate (above 10,000 gal) | x | \$6.19 | \$7.12 | \$7.65 | \$8.22 | \$8.84 | \$9.50 | \$10.21 |
| Water Usage Revenue | | \$870,167 | \$935,535 | \$1,062,991 | \$1,142,183 | \$1,228,168 | \$1,320,012 | \$1,418,649 |
| Sub-Total Commodity Charges | | \$2,914,980 | \$3,134,279 | \$3,561,362 | \$3,828,058 | \$4,116,751 | \$4,426,505 | \$4,758,256 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED WATER REVENUE - SCENARIO 2

Commodity Charge Revenue - Unincorporated

| | | | | | | | | | |
|---|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Metered Water Usage (gallons) | | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 |
| Water Usage Rate (0-10,000 gal) | x | \$5.38 | \$9.29 | \$9.98 | \$10.73 | \$11.54 | \$12.41 | \$13.34 | \$14.34 |
| Water Usage Revenue | | \$104,087 | \$141,862 | \$190,761 | \$205,078 | \$220,556 | \$237,194 | \$254,993 | \$274,195 |
| Metered Water Usage (gallons) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Water Usage Rate (above 10,000 gal) | x | \$6.19 | \$10.68 | \$7.65 | \$8.22 | \$8.84 | \$9.50 | \$10.21 | \$10.98 |
| Water Usage Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sub-Total Commodity Charges - Uninc. | | \$147,231 | \$141,862 | \$190,761 | \$205,078 | \$220,556 | \$237,194 | \$254,993 | \$274,195 |

Capital Recovery

| | | | | | | | | | |
|-----------------------------------|---|-------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Metered Water Usage (gallons) | | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 |
| Water Capital Recovery Rate | x | \$2.23 | \$2.56 | \$2.75 | \$2.96 | \$3.18 | \$3.42 | \$3.68 | \$3.96 |
| Water Capital Recovery Revenue | | 1,161,056 | \$1,246,964 | \$1,415,308 | \$1,522,910 | \$1,636,586 | \$1,759,807 | \$1,893,441 | \$2,037,489 |
| Sub-Total Capital Recovery | | | \$1,246,964 | \$1,415,308 | \$1,522,910 | \$1,636,586 | \$1,759,807 | \$1,893,441 | \$2,037,489 |

Capital Recovery - Unincorporated

| | | | | | | | | | |
|---|---|------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Metered Water Usage (gallons) | | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 |
| Water Capital Recovery Rate | x | \$2.23 | \$2.56 | \$2.75 | \$2.96 | \$3.18 | \$3.42 | \$3.68 | \$3.96 |
| Water Capital Recovery Revenue | | \$43,144 | \$46,336 | \$52,592 | \$56,590 | \$60,814 | \$65,393 | \$70,359 | \$75,711 |
| Sub-Total Capital Recovery - Uninc | | | \$46,336 | \$52,592 | \$56,590 | \$60,814 | \$65,393 | \$70,359 | \$75,711 |

| | | | | | | | | |
|----------------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Total Water Revenue | | \$ 4,897,007 | \$ 5,550,341 | \$ 5,967,707 | \$ 6,416,491 | \$ 6,899,130 | \$ 7,417,915 | \$ 7,977,820 |
|----------------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED WATER REVENUE - SCENARIO 3

Fixed Charge Revenue

| | | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---------------------------------------|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Bills Issued for 5/8" and 3/4" Meters | | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 |
| Monthly Minimum Charge | x | \$2.28 | \$3.30 | \$3.30 | \$3.30 | \$3.30 | \$3.30 | \$3.30 | \$3.30 |
| 5/8" & 3/4" Min. Chg. Revenue | | \$110,359 | \$135,044 | \$159,730 | \$159,730 | \$159,730 | \$159,730 | \$159,730 | \$159,730 |
| Bills Issued for 1" Meter | | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 |
| Monthly Minimum Charge | x | \$7.66 | \$11.08 | \$11.08 | \$11.08 | \$11.08 | \$11.08 | \$11.08 | \$11.08 |
| 1" Meter Minimum Charge Revenue | | \$27,921 | \$34,154 | \$40,387 | \$40,387 | \$40,387 | \$40,387 | \$40,387 | \$40,387 |
| Bills Issued for 1 1/2" Meter | | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 |
| Monthly Minimum Charge | x | \$15.16 | \$21.94 | \$21.94 | \$21.94 | \$21.94 | \$21.94 | \$21.94 | \$21.94 |
| 1 1/2" Meter Minimum Chg. Revenue | | \$63,748 | \$78,003 | \$92,258 | \$92,258 | \$92,258 | \$92,258 | \$92,258 | \$92,258 |
| Bills Issued for 2" Meter | | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 |
| Monthly Minimum Charge | x | \$24.30 | \$35.16 | \$35.16 | \$35.16 | \$35.16 | \$35.16 | \$35.16 | \$35.16 |
| 2" Meter Minimum Charge Revenue | | \$35,429 | \$43,346 | \$51,263 | \$51,263 | \$51,263 | \$51,263 | \$51,263 | \$51,263 |
| Bills Issued for 3" Meter | | 432 | 432 | 432 | 432 | 432 | 432 | 432 | 432 |
| Monthly Minimum Charge | x | \$45.65 | \$66.06 | \$66.06 | \$66.06 | \$66.06 | \$66.06 | \$66.06 | \$66.06 |
| 3" Meter Minimum Charge Revenue | | \$19,721 | \$24,129 | \$28,538 | \$28,538 | \$28,538 | \$28,538 | \$28,538 | \$28,538 |
| Bills Issued for 4" Meter | | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 |
| Monthly Minimum Charge | x | \$76.14 | \$110.17 | \$110.17 | \$110.17 | \$110.17 | \$110.17 | \$110.17 | \$110.17 |
| 4" Meter Minimum Charge Revenue | | \$8,223 | \$10,061 | \$11,898 | \$11,898 | \$11,898 | \$11,898 | \$11,898 | \$11,898 |
| Bills Issued for 6" Meter | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Monthly Minimum Charge | x | \$152.13 | \$220.13 | \$220.13 | \$220.13 | \$220.13 | \$220.13 | \$220.13 | \$220.13 |
| 6" Meter Minimum Charge Revenue | | \$3,803 | \$4,653 | \$5,503 | \$5,503 | \$5,503 | \$5,503 | \$5,503 | \$5,503 |
| Sub-Total Fixed Charges | | \$269,204 | \$329,390 | \$389,577 | \$389,577 | \$389,577 | \$389,577 | \$389,577 | \$389,577 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED WATER REVENUE - SCENARIO 3

Fixed Charge Revenue - Unincorporated

| | | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---------------------------------------|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Bills Issued for 5/8" and 3/4" Meters | | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 |
| Monthly Minimum Charge | x | \$2.28 | \$4.95 | \$4.95 | \$4.95 | \$4.95 | \$4.95 | \$4.95 | \$4.95 |
| 5/8" & 3/4" Min. Chg. Revenue | | \$730 | \$1,157 | \$1,584 | \$1,584 | \$1,584 | \$1,584 | \$1,584 | \$1,584 |
| Bills Issued for 1" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$7.66 | \$16.62 | \$16.62 | \$16.62 | \$16.62 | \$16.62 | \$16.62 | \$16.62 |
| 1" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 1 1/2" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$15.16 | \$32.91 | \$32.91 | \$32.91 | \$32.91 | \$32.91 | \$32.91 | \$32.91 |
| 1 1/2" Meter Minimum Chg. Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 2" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$24.30 | \$52.74 | \$52.74 | \$52.74 | \$52.74 | \$52.74 | \$52.74 | \$52.74 |
| 2" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 3" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$45.65 | \$99.09 | \$99.09 | \$99.09 | \$99.09 | \$99.09 | \$99.09 | \$99.09 |
| 3" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 4" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$76.14 | \$165.26 | \$165.26 | \$165.26 | \$165.26 | \$165.26 | \$165.26 | \$165.26 |
| 4" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 6" Meter | | | | | | | | | |
| Monthly Minimum Charge | x | \$152.13 | \$330.20 | \$330.20 | \$330.20 | \$330.20 | \$330.20 | \$330.20 | \$330.20 |
| 6" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sub-Total Fixed Charges - Uninc. | | | \$1,157 | \$1,584 | \$1,584 | \$1,584 | \$1,584 | \$1,584 | \$1,584 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED WATER REVENUE - SCENARIO 3

Unincorporated Capital Recovery Fee

| | | | | | | | | |
|--|-----------------|-----------------|------------|------------|------------|------------|------------|------------|
| Unincorporated Additional Capital Recovery | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 |
| Fee per Service | \$19.39 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Sub-Total Uninc. Capital Recovery Fee | \$74,458 | \$37,229 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

Commodity Charge Revenue

| | | | | | | | | |
|-------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Metered Water Usage (gallons) | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 |
| Water Usage Rate (0-10,000 gal) | x \$5.38 | \$7.78 | \$7.78 | \$7.78 | \$7.78 | \$7.78 | \$7.78 | \$7.78 |
| Water Usage Revenue | \$2,044,813 | \$2,500,905 | \$2,956,997 | \$2,956,997 | \$2,956,997 | \$2,956,997 | \$2,956,997 | \$2,956,997 |
| Metered Water Usage (gallons) | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 |
| Water Usage Rate (above 10,000 gal) | x \$6.19 | \$8.96 | \$8.96 | \$8.96 | \$8.96 | \$8.96 | \$8.96 | \$8.96 |
| Water Usage Revenue | \$870,167 | \$1,064,866 | \$1,259,564 | \$1,259,564 | \$1,259,564 | \$1,259,564 | \$1,259,564 | \$1,259,564 |
| Sub-Total Commodity Charges | \$2,914,980 | \$3,565,770 | \$4,216,560 | \$4,216,560 | \$4,216,560 | \$4,216,560 | \$4,216,560 | \$4,216,560 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED WATER REVENUE - SCENARIO 3

Commodity Charge Revenue - Unincorporated

| | | | | | | | | | |
|---|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Metered Water Usage (gallons) | | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 |
| Water Usage Rate (0-10,000 gal) | x | \$5.38 | \$11.67 | \$11.67 | \$11.67 | \$11.67 | \$11.67 | \$11.67 | \$11.67 |
| Water Usage Revenue | | \$104,087 | \$164,933 | \$225,779 | \$225,779 | \$225,779 | \$225,779 | \$225,779 | \$225,779 |
| Metered Water Usage (gallons) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Water Usage Rate (above 10,000 gal) | x | \$6.19 | \$13.44 | \$8.96 | \$8.96 | \$8.96 | \$8.96 | \$8.96 | \$8.96 |
| Water Usage Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sub-Total Commodity Charges - Uninc. | | \$147,231 | \$164,933 | \$225,779 | \$225,779 | \$225,779 | \$225,779 | \$225,779 | \$225,779 |

Capital Recovery

| | | | | | | | | | |
|-----------------------------------|---|-------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Metered Water Usage (gallons) | | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 |
| Water Capital Recovery Rate | x | \$2.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 |
| Water Capital Recovery Revenue | | 1,161,056 | \$1,421,383 | \$1,681,709 | \$1,681,709 | \$1,681,709 | \$1,681,709 | \$1,681,709 | \$1,681,709 |
| Sub-Total Capital Recovery | | | \$1,421,383 | \$1,681,709 | \$1,681,709 | \$1,681,709 | \$1,681,709 | \$1,681,709 | \$1,681,709 |

Capital Recovery - Unincorporated

| | | | | | | | | | |
|---|---|------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Metered Water Usage (gallons) | | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 |
| Water Capital Recovery Rate | x | \$2.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 | \$3.23 |
| Water Capital Recovery Revenue | | \$43,144 | \$52,817 | \$62,491 | \$62,491 | \$62,491 | \$62,491 | \$62,491 | \$62,491 |
| Sub-Total Capital Recovery - Uninc | | | \$52,817 | \$62,491 | \$62,491 | \$62,491 | \$62,491 | \$62,491 | \$62,491 |

| | | | | | | | | | |
|----------------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Total Water Revenue | | \$ 5,572,679 | \$ 6,577,701 | \$ 6,577,701 | \$ 6,577,701 | \$ 6,577,701 | \$ 6,577,701 | \$ 6,577,701 | \$ 6,577,701 |
|----------------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED SEWER REVENUE - BASELINE

Fixed Charge Revenue

| | | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---------------------------------------|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Bills Issued for 5/8" and 3/4" Meters | | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 |
| Monthly Minimum Charge | x | \$4.53 | \$4.53 | \$4.53 | \$4.53 | \$4.53 | \$4.53 | \$4.53 | \$4.53 |
| 5/8" & 3/4" Min. Chg. Revenue | | \$219,266 | \$219,266 | \$219,266 | \$219,266 | \$219,266 | \$219,266 | \$219,266 | \$219,266 |
| Bills Issued for 1" Meter | | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 |
| Monthly Minimum Charge | x | \$15.06 | \$15.06 | \$15.06 | \$15.06 | \$15.06 | \$15.06 | \$15.06 | \$15.06 |
| 1" Meter Minimum Charge Revenue | | \$54,894 | \$54,894 | \$54,894 | \$54,894 | \$54,894 | \$54,894 | \$54,894 | \$54,894 |
| Bills Issued for 1 1/2" Meter | | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 |
| Monthly Minimum Charge | x | \$30.32 | \$30.32 | \$30.32 | \$30.32 | \$30.32 | \$30.32 | \$30.32 | \$30.32 |
| 1 1/2" Meter Minimum Chg. Revenue | | \$127,496 | \$127,496 | \$127,496 | \$127,496 | \$127,496 | \$127,496 | \$127,496 | \$127,496 |
| Bills Issued for 2" Meter | | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 |
| Monthly Minimum Charge | x | \$48.46 | \$48.46 | \$48.46 | \$48.46 | \$48.46 | \$48.46 | \$48.46 | \$48.46 |
| 2" Meter Minimum Charge Revenue | | \$70,655 | \$70,655 | \$70,655 | \$70,655 | \$70,655 | \$70,655 | \$70,655 | \$70,655 |
| Bills Issued for 3" Meter | | 432 | 432 | 432 | 432 | 432 | 432 | 432 | 432 |
| Monthly Minimum Charge | x | \$90.75 | \$90.75 | \$90.75 | \$90.75 | \$90.75 | \$90.75 | \$90.75 | \$90.75 |
| 3" Meter Minimum Charge Revenue | | \$39,204 | \$39,204 | \$39,204 | \$39,204 | \$39,204 | \$39,204 | \$39,204 | \$39,204 |
| Bills Issued for 4" Meter | | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 |
| Monthly Minimum Charge | x | \$151.19 | \$151.19 | \$151.19 | \$151.19 | \$151.19 | \$151.19 | \$151.19 | \$151.19 |
| 4" Meter Minimum Charge Revenue | | \$16,329 | \$16,329 | \$16,329 | \$16,329 | \$16,329 | \$16,329 | \$16,329 | \$16,329 |
| Bills Issued for 6" Meter | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Monthly Minimum Charge | x | \$302.60 | \$302.60 | \$302.60 | \$302.60 | \$302.60 | \$302.60 | \$302.60 | \$302.60 |
| 6" Meter Minimum Charge Revenue | | \$7,565 | \$7,565 | \$7,565 | \$7,565 | \$7,565 | \$7,565 | \$7,565 | \$7,565 |
| Sub-Total Fixed Charge Revenue | | \$535,407 | \$535,407 | \$535,407 | \$535,407 | \$535,407 | \$535,407 | \$535,407 | \$535,407 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED SEWER REVENUE - BASELINE

Fixed Charge Revenue - Unincorporated

| | | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|--|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Bills Issued for 5/8" and 3/4" Meters | | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 |
| Monthly Minimum Charge | x | \$4.53 | \$4.53 | \$4.53 | \$4.53 | \$4.53 | \$4.53 | \$4.53 | \$4.53 |
| 5/8" & 3/4" Min. Chg. Revenue | | \$1,450 | \$1,450 | \$1,450 | \$1,450 | \$1,450 | \$1,450 | \$1,450 | \$1,450 |
| Bills Issued for 1" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$15.06 | \$15.06 | \$15.06 | \$15.06 | \$15.06 | \$15.06 | \$15.06 | \$15.06 |
| 1" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 1 1/2" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$30.32 | \$30.32 | \$30.32 | \$30.32 | \$30.32 | \$30.32 | \$30.32 | \$30.32 |
| 1 1/2" Meter Minimum Chg. Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 2" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$48.46 | \$48.46 | \$48.46 | \$48.46 | \$48.46 | \$48.46 | \$48.46 | \$48.46 |
| 2" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 3" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$90.75 | \$90.75 | \$90.75 | \$90.75 | \$90.75 | \$90.75 | \$90.75 | \$90.75 |
| 3" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 4" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$151.19 | \$151.19 | \$151.19 | \$151.19 | \$151.19 | \$151.19 | \$151.19 | \$151.19 |
| 4" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 6" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$302.60 | \$302.60 | \$302.60 | \$302.60 | \$302.60 | \$302.60 | \$302.60 | \$302.60 |
| 6" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sub-Total Fixed Charge Revenue Uninc. | | \$1,450 | \$1,450 | \$1,450 | \$1,450 | \$1,450 | \$1,450 | \$1,450 | \$1,450 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED SEWER REVENUE - BASELINE

Commodity Charge Revenue

| | | | | | | | | | |
|-------------------------------------|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Metered Water Usage (gallons) | | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 |
| Sewer Usage Rate (0-10,000 gal) | x | \$4.25 | \$4.25 | \$4.25 | \$4.25 | \$4.25 | \$4.25 | \$4.25 | \$4.25 |
| Sewer Usage Revenue | | \$1,615,326 | \$1,615,326 | \$1,615,326 | \$1,615,326 | \$1,615,326 | \$1,615,326 | \$1,615,326 | \$1,615,326 |
| Metered Water Usage (gallons) | | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 |
| Sewer Usage Rate (above 10,000 gal) | x | \$4.89 | \$4.89 | \$4.89 | \$4.89 | \$4.89 | \$4.89 | \$4.89 | \$4.89 |
| Sewer Usage Revenue | | \$687,418 | \$687,418 | \$687,418 | \$687,418 | \$687,418 | \$687,418 | \$687,418 | \$687,418 |
| Sub-Total Commodity Charges | | \$2,302,744 | \$2,302,744 | \$2,302,744 | \$2,302,744 | \$2,302,744 | \$2,302,744 | \$2,302,744 | \$2,302,744 |

Commodity Charge Revenue - Unincorporated

| | | | | | | | | | |
|---|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Metered Water Usage (gallons) | | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 |
| Sewer Usage Rate (0-10,000 gal) | x | \$4.25 | \$4.25 | \$4.25 | \$4.25 | \$4.25 | \$4.25 | \$4.25 | \$4.25 |
| Sewer Usage Revenue | | \$82,225 | \$82,225 | \$82,225 | \$82,225 | \$82,225 | \$82,225 | \$82,225 | \$82,225 |
| Metered Water Usage (gallons) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sewer Usage Rate (above 10,000 gal) | x | \$4.89 | \$7.34 | \$7.34 | \$7.34 | \$7.34 | \$7.34 | \$7.34 | \$7.34 |
| Sewer Usage Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sub-Total Commodity Charges - Uninc. | | \$82,225 | \$82,225 | \$82,225 | \$82,225 | \$82,225 | \$82,225 | \$82,225 | \$82,225 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED SEWER REVENUE - BASELINE

Capital Recovery

| | | | | | | | | | |
|-----------------------------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Metered Water Usage (gallons) | | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 |
| Sewer Capital Recovery Rate | x | \$2.41 | \$2.41 | \$2.41 | \$2.41 | \$2.41 | \$2.41 | \$2.41 | \$2.41 |
| Sewer Capital Recovery Revenue | | \$1,254,774 | \$1,254,774 | \$1,254,774 | \$1,254,774 | \$1,254,774 | \$1,254,774 | \$1,254,774 | \$1,254,774 |
| Sub-Total Capital Recovery | | \$1,254,774 | \$1,254,774 | \$1,254,774 | \$1,254,774 | \$1,254,774 | \$1,254,774 | \$1,254,774 | \$1,254,774 |

Capital Recovery - Unincorporated

| | | | | | | | | | |
|---|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Uninc. Water Usage (gallons) | | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 |
| Uninc. Sewer Usage | x | \$2.41 | \$2.41 | \$2.41 | \$2.41 | \$2.41 | \$2.41 | \$2.41 | \$2.41 |
| Sewer Uninc. Usage Revenue | | \$46,626 | \$46,626 | \$46,626 | \$46,626 | \$46,626 | \$46,626 | \$46,626 | \$46,626 |
| Sub-Total Capital Recovery - Uninc | | \$46,626 | \$46,626 | \$46,626 | \$46,626 | \$46,626 | \$46,626 | \$46,626 | \$46,626 |

| | | | | | | | | | |
|----------------------------|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Total Sewer Revenue | | \$4,223,226 | \$4,223,226 | \$4,223,226 | \$4,223,226 | \$4,223,226 | \$4,223,226 | \$4,223,226 | \$4,223,226 |
|----------------------------|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED SEWER REVENUE - SCENARIO 1

Fixed Charge Revenue

| | | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---------------------------------------|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Bills Issued for 5/8" and 3/4" Meters | | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 |
| Monthly Minimum Charge | x | \$4.53 | \$4.95 | \$5.41 | \$5.91 | \$6.45 | \$7.04 | \$7.69 | \$8.40 |
| 5/8" & 3/4" Min. Chg. Revenue | | \$219,266 | \$229,430 | \$258,149 | \$282,028 | \$307,843 | \$335,997 | \$366,975 | \$400,858 |
| Bills Issued for 1" Meter | | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 |
| Monthly Minimum Charge | x | \$15.06 | \$16.45 | \$17.96 | \$19.61 | \$21.41 | \$23.38 | \$25.53 | \$27.88 |
| 1" Meter Minimum Charge Revenue | | \$54,894 | \$57,427 | \$64,547 | \$70,476 | \$76,946 | \$84,023 | \$91,751 | \$100,195 |
| Bills Issued for 1 1/2" Meter | | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 |
| Monthly Minimum Charge | x | \$30.32 | \$33.11 | \$36.16 | \$39.49 | \$43.12 | \$47.09 | \$51.42 | \$56.15 |
| 1 1/2" Meter Minimum Chg. Revenue | | \$127,496 | \$133,362 | \$149,915 | \$163,722 | \$178,776 | \$195,231 | \$213,186 | \$232,796 |
| Bills Issued for 2" Meter | | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 |
| Monthly Minimum Charge | x | \$48.46 | \$52.92 | \$57.79 | \$63.11 | \$68.92 | \$75.26 | \$82.18 | \$89.74 |
| 2" Meter Minimum Charge Revenue | | \$70,655 | \$73,906 | \$83,074 | \$90,722 | \$99,074 | \$108,188 | \$118,137 | \$129,004 |
| Bills Issued for 3" Meter | | 432 | 432 | 432 | 432 | 432 | 432 | 432 | 432 |
| Monthly Minimum Charge | x | \$90.75 | \$99.10 | \$108.22 | \$118.18 | \$129.05 | \$140.92 | \$153.88 | \$168.04 |
| 3" Meter Minimum Charge Revenue | | \$39,204 | \$41,008 | \$46,094 | \$50,337 | \$54,967 | \$60,023 | \$65,543 | \$71,574 |
| Bills Issued for 4" Meter | | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 |
| Monthly Minimum Charge | x | \$151.19 | \$165.10 | \$180.29 | \$196.88 | \$214.99 | \$234.77 | \$256.37 | \$279.96 |
| 4" Meter Minimum Charge Revenue | | \$16,329 | \$17,080 | \$19,198 | \$20,964 | \$22,893 | \$24,999 | \$27,299 | \$29,811 |
| Bills Issued for 6" Meter | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Monthly Minimum Charge | x | \$302.60 | \$330.44 | \$360.84 | \$394.04 | \$430.29 | \$469.88 | \$513.11 | \$560.32 |
| 6" Meter Minimum Charge Revenue | | \$7,565 | \$7,913 | \$8,894 | \$9,713 | \$10,606 | \$11,582 | \$12,648 | \$13,811 |
| Sub-Total Fixed Charge Revenue | | \$535,407 | \$560,125 | \$629,873 | \$687,961 | \$751,104 | \$820,044 | \$895,539 | \$978,048 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED SEWER REVENUE - SCENARIO 1

Fixed Charge Revenue - Unincorporated

| | | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|--|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Bills Issued for 5/8" and 3/4" Meters | | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 |
| Monthly Minimum Charge | x | \$4.53 | \$7.43 | \$8.12 | \$8.87 | \$9.68 | \$10.56 | \$11.54 | \$12.60 |
| 5/8" & 3/4" Min. Chg. Revenue | | \$1,450 | \$1,913 | \$2,560 | \$2,797 | \$3,053 | \$3,332 | \$3,639 | \$3,975 |
| Bills Issued for 1" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$15.06 | \$24.68 | \$26.94 | \$29.42 | \$32.12 | \$35.07 | \$38.30 | \$41.82 |
| 1" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 1 1/2" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$30.32 | \$49.67 | \$54.24 | \$59.24 | \$64.68 | \$70.64 | \$77.13 | \$84.23 |
| 1 1/2" Meter Minimum Chg. Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 2" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$48.46 | \$79.38 | \$86.69 | \$94.67 | \$103.38 | \$112.89 | \$123.27 | \$134.61 |
| 2" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 3" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$90.75 | \$148.65 | \$162.33 | \$177.27 | \$193.58 | \$211.38 | \$230.82 | \$252.06 |
| 3" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 4" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$151.19 | \$247.65 | \$270.44 | \$295.32 | \$322.49 | \$352.16 | \$384.56 | \$419.94 |
| 4" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 6" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$302.60 | \$495.66 | \$541.26 | \$591.06 | \$645.44 | \$704.82 | \$769.67 | \$840.48 |
| 6" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sub-Total Fixed Charge Revenue Uninc. | | \$1,450 | \$1,913 | \$2,560 | \$2,797 | \$3,053 | \$3,332 | \$3,639 | \$3,975 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED SEWER REVENUE - SCENARIO 1

Commodity Charge Revenue

| | | | | | | | | | |
|-------------------------------------|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Metered Water Usage (gallons) | | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 |
| Sewer Usage Rate (0-10,000 gal) | x | \$4.25 | \$4.64 | \$5.07 | \$5.54 | \$6.05 | \$6.61 | \$7.22 | \$7.88 |
| Sewer Usage Revenue | | \$1,615,326 | \$1,689,441 | \$1,899,750 | \$2,075,852 | \$2,267,157 | \$2,476,833 | \$2,705,513 | \$2,953,196 |
| Metered Water Usage (gallons) | | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 |
| Sewer Usage Rate (above 10,000 gal) | x | \$4.89 | \$5.34 | \$5.83 | \$6.37 | \$6.96 | \$7.60 | \$8.30 | \$9.06 |
| Sewer Usage Revenue | | \$687,418 | \$719,048 | \$808,079 | \$882,819 | \$964,588 | \$1,053,385 | \$1,150,383 | \$1,255,815 |
| Sub-Total Commodity Charges | | \$2,302,744 | \$2,408,489 | \$2,707,829 | \$2,958,671 | \$3,231,745 | \$3,530,218 | \$3,855,895 | \$4,209,011 |

Commodity Charge Revenue - Unincorporated

| | | | | | | | | | |
|---|---|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Metered Water Usage (gallons) | | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 |
| Sewer Usage Rate (0-10,000 gal) | x | \$4.25 | \$6.96 | \$7.61 | \$8.31 | \$9.08 | \$9.92 | \$10.83 | \$11.82 |
| Sewer Usage Revenue | | \$82,225 | \$108,440 | \$145,054 | \$158,500 | \$173,107 | \$189,117 | \$206,578 | \$225,489 |
| Metered Water Usage (gallons) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sewer Usage Rate (above 10,000 gal) | x | \$4.89 | \$8.01 | \$8.75 | \$9.56 | \$10.44 | \$11.40 | \$12.45 | \$13.59 |
| Sewer Usage Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sub-Total Commodity Charges - Uninc. | | \$82,225 | \$108,440 | \$145,054 | \$158,500 | \$173,107 | \$189,117 | \$206,578 | \$225,489 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED SEWER REVENUE - SCENARIO 1

Capital Recovery

| | | | | | | | | | |
|-----------------------------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Metered Water Usage (gallons) | | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 |
| Sewer Capital Recovery Rate | x | \$2.41 | \$2.63 | \$2.87 | \$3.13 | \$3.42 | \$3.73 | \$4.07 | \$4.44 |
| Sewer Capital Recovery Revenue | | \$1,254,774 | \$1,312,046 | \$1,473,448 | \$1,607,082 | \$1,755,468 | \$1,915,135 | \$2,089,554 | \$2,279,592 |
| Sub-Total Capital Recovery | | \$1,254,774 | \$1,312,046 | \$1,473,448 | \$1,607,082 | \$1,755,468 | \$1,915,135 | \$2,089,554 | \$2,279,592 |

Capital Recovery - Unincorporated

| | | | | | | | | | |
|---|---|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Uninc. Water Usage (gallons) | | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 |
| Uninc. Sewer Usage | x | \$2.41 | \$3.95 | \$4.31 | \$4.70 | \$5.13 | \$5.60 | \$6.11 | \$6.66 |
| Sewer Uninc. Usage Revenue | | \$46,626 | \$61,475 | \$82,128 | \$89,577 | \$97,847 | \$106,747 | \$116,469 | \$127,061 |
| Sub-Total Capital Recovery - Uninc | | \$46,626 | \$61,475 | \$82,128 | \$89,577 | \$97,847 | \$106,747 | \$116,469 | \$127,061 |
| Total Sewer Revenue | | | \$4,452,487 | \$5,040,892 | \$5,504,589 | \$6,012,325 | \$6,564,594 | \$7,167,674 | \$7,823,177 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED SEWER REVENUE - SCENARIO 2

Fixed Charge Revenue

| | | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---------------------------------------|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Bills Issued for 5/8" and 3/4" Meters | | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 |
| Monthly Minimum Charge | x | \$4.53 | \$5.21 | \$5.60 | \$6.02 | \$6.47 | \$6.96 | \$7.48 | \$8.04 |
| 5/8" & 3/4" Min. Chg. Revenue | | \$219,266 | \$235,723 | \$267,911 | \$287,998 | \$309,537 | \$332,932 | \$357,860 | \$384,643 |
| Bills Issued for 1" Meter | | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 |
| Monthly Minimum Charge | x | \$15.06 | \$17.32 | \$18.62 | \$20.02 | \$21.52 | \$23.13 | \$24.86 | \$26.72 |
| 1" Meter Minimum Charge Revenue | | \$54,894 | \$59,013 | \$67,080 | \$72,122 | \$77,529 | \$83,331 | \$89,564 | \$96,264 |
| Bills Issued for 1 1/2" Meter | | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 |
| Monthly Minimum Charge | x | \$30.32 | \$34.87 | \$37.49 | \$40.30 | \$43.32 | \$46.57 | \$50.06 | \$53.81 |
| 1 1/2" Meter Minimum Chg. Revenue | | \$127,496 | \$137,062 | \$155,809 | \$167,492 | \$180,044 | \$193,549 | \$208,056 | \$223,643 |
| Bills Issued for 2" Meter | | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 |
| Monthly Minimum Charge | x | \$48.46 | \$55.73 | \$59.91 | \$64.40 | \$69.23 | \$74.42 | \$80.00 | \$86.00 |
| 2" Meter Minimum Charge Revenue | | \$70,655 | \$75,955 | \$86,333 | \$92,804 | \$99,764 | \$107,243 | \$115,284 | \$123,930 |
| Bills Issued for 3" Meter | | 432 | 432 | 432 | 432 | 432 | 432 | 432 | 432 |
| Monthly Minimum Charge | x | \$90.75 | \$104.36 | \$112.19 | \$120.60 | \$129.65 | \$139.37 | \$149.82 | \$161.06 |
| 3" Meter Minimum Charge Revenue | | \$39,204 | \$42,144 | \$47,902 | \$51,494 | \$55,357 | \$59,508 | \$63,970 | \$68,769 |
| Bills Issued for 4" Meter | | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 |
| Monthly Minimum Charge | x | \$151.19 | \$173.87 | \$186.91 | \$200.93 | \$216.00 | \$232.20 | \$249.62 | \$268.34 |
| 4" Meter Minimum Charge Revenue | | \$16,329 | \$17,553 | \$19,952 | \$21,448 | \$23,057 | \$24,786 | \$26,645 | \$28,644 |
| Bills Issued for 6" Meter | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Monthly Minimum Charge | x | \$302.60 | \$347.99 | \$374.09 | \$402.15 | \$432.31 | \$464.73 | \$499.58 | \$537.05 |
| 6" Meter Minimum Charge Revenue | | \$7,565 | \$8,132 | \$9,244 | \$9,937 | \$10,682 | \$11,483 | \$12,344 | \$13,270 |
| Sub-Total Fixed Charge Revenue | | \$535,407 | \$575,581 | \$654,230 | \$703,295 | \$755,970 | \$812,832 | \$873,723 | \$939,162 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED SEWER REVENUE - SCENARIO 2

Fixed Charge Revenue - Unincorporated

| | | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|--|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Bills Issued for 5/8" and 3/4" Meters | | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 |
| Monthly Minimum Charge | x | \$4.53 | \$7.82 | \$8.40 | \$9.03 | \$9.71 | \$10.44 | \$11.22 | \$12.06 |
| 5/8" & 3/4" Min. Chg. Revenue | | \$1,450 | \$1,975 | \$2,657 | \$2,856 | \$3,070 | \$3,302 | \$3,549 | \$3,814 |
| Bills Issued for 1" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$15.06 | \$25.98 | \$27.93 | \$30.03 | \$32.28 | \$34.70 | \$37.29 | \$40.08 |
| 1" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 1 1/2" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$30.32 | \$52.31 | \$56.24 | \$60.45 | \$64.98 | \$69.86 | \$75.09 | \$80.72 |
| 1 1/2" Meter Minimum Chg. Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 2" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$48.46 | \$83.60 | \$89.87 | \$96.60 | \$103.85 | \$111.63 | \$120.00 | \$129.00 |
| 2" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 3" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$90.75 | \$156.54 | \$168.29 | \$180.90 | \$194.48 | \$209.06 | \$224.73 | \$241.59 |
| 3" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 4" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$151.19 | \$260.81 | \$280.37 | \$301.40 | \$324.00 | \$348.30 | \$374.43 | \$402.51 |
| 4" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 6" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$302.60 | \$521.99 | \$561.14 | \$603.23 | \$648.47 | \$697.10 | \$749.37 | \$805.58 |
| 6" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sub-Total Fixed Charge Revenue Uninc. | | \$1,450 | \$1,975 | \$2,657 | \$2,856 | \$3,070 | \$3,302 | \$3,549 | \$3,814 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED SEWER REVENUE - SCENARIO 2

Commodity Charge Revenue

| | | | | | | | | | |
|-------------------------------------|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Metered Water Usage (gallons) | | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 |
| Sewer Usage Rate (0-10,000 gal) | x | \$4.25 | \$4.89 | \$5.26 | \$5.65 | \$6.07 | \$6.53 | \$7.02 | \$7.55 |
| Sewer Usage Revenue | | \$1,615,326 | \$1,736,950 | \$1,975,765 | \$2,122,728 | \$2,280,460 | \$2,452,762 | \$2,637,099 | \$2,836,006 |
| Metered Water Usage (gallons) | | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 |
| Sewer Usage Rate (above 10,000 gal) | x | \$4.89 | \$5.62 | \$6.04 | \$6.49 | \$6.98 | \$7.50 | \$8.06 | \$8.66 |
| Sewer Usage Revenue | | \$687,418 | \$738,729 | \$839,241 | \$901,797 | \$969,742 | \$1,042,139 | \$1,119,925 | \$1,203,333 |
| Sub-Total Commodity Charges | | \$2,302,744 | \$2,475,679 | \$2,815,006 | \$3,024,525 | \$3,250,202 | \$3,494,901 | \$3,757,023 | \$4,039,339 |

Commodity Charge Revenue - Unincorporated

| | | | | | | | | | |
|---|---|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Metered Water Usage (gallons) | | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 |
| Sewer Usage Rate (0-10,000 gal) | x | \$4.25 | \$7.34 | \$7.89 | \$8.48 | \$9.11 | \$9.80 | \$10.53 | \$11.33 |
| Sewer Usage Revenue | | \$82,225 | \$112,067 | \$150,858 | \$162,079 | \$174,123 | \$187,279 | \$201,354 | \$216,541 |
| Metered Water Usage (gallons) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sewer Usage Rate (above 10,000 gal) | x | \$4.89 | \$8.43 | \$9.06 | \$9.74 | \$10.47 | \$11.25 | \$12.09 | \$12.99 |
| Sewer Usage Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sub-Total Commodity Charges - Uninc. | | \$82,225 | \$112,067 | \$150,858 | \$162,079 | \$174,123 | \$187,279 | \$201,354 | \$216,541 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED SEWER REVENUE - SCENARIO 2

Capital Recovery

| | | | | | | | | | |
|-----------------------------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Metered Water Usage (gallons) | | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 |
| Sewer Capital Recovery Rate | x | \$2.41 | \$2.77 | \$2.98 | \$3.20 | \$3.44 | \$3.70 | \$3.98 | \$4.28 |
| Sewer Capital Recovery Revenue | | \$1,254,774 | \$1,348,491 | \$1,533,323 | \$1,646,999 | \$1,770,220 | \$1,903,854 | \$2,047,902 | \$2,202,362 |
| Sub-Total Capital Recovery | | \$1,254,774 | \$1,348,491 | \$1,533,323 | \$1,646,999 | \$1,770,220 | \$1,903,854 | \$2,047,902 | \$2,202,362 |

Capital Recovery - Unincorporated

| | | | | | | | | | |
|---|---|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Uninc. Water Usage (gallons) | | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 |
| Uninc. Sewer Usage | x | \$2.41 | \$4.16 | \$4.47 | \$4.80 | \$5.16 | \$5.55 | \$5.97 | \$6.42 |
| Sewer Uninc. Usage Revenue | | \$46,626 | \$63,507 | \$85,465 | \$91,802 | \$98,670 | \$106,118 | \$114,147 | \$122,757 |
| Sub-Total Capital Recovery - Uninc | | \$46,626 | \$63,507 | \$85,465 | \$91,802 | \$98,670 | \$106,118 | \$114,147 | \$122,757 |
| Total Sewer Revenue | | | \$4,577,300 | \$5,241,540 | \$5,631,556 | \$6,052,255 | \$6,508,286 | \$6,997,698 | \$7,523,976 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

PROJECTED SEWER REVENUE - SCENARIO 3

Fixed Charge Revenue

| | | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---------------------------------------|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Bills Issued for 5/8" and 3/4" Meters | | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 | 48,403 |
| Monthly Minimum Charge | x | \$4.53 | \$6.55 | \$6.55 | \$6.55 | \$6.55 | \$6.55 | \$6.55 | \$6.55 |
| 5/8" & 3/4" Min. Chg. Revenue | | \$219,266 | \$268,153 | \$317,040 | \$317,040 | \$317,040 | \$317,040 | \$317,040 | \$317,040 |
| Bills Issued for 1" Meter | | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 | 3,645 |
| Monthly Minimum Charge | x | \$15.06 | \$21.79 | \$21.79 | \$21.79 | \$21.79 | \$21.79 | \$21.79 | \$21.79 |
| 1" Meter Minimum Charge Revenue | | \$54,894 | \$67,159 | \$79,425 | \$79,425 | \$79,425 | \$79,425 | \$79,425 | \$79,425 |
| Bills Issued for 1 1/2" Meter | | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 | 4,205 |
| Monthly Minimum Charge | x | \$30.32 | \$43.87 | \$43.87 | \$43.87 | \$43.87 | \$43.87 | \$43.87 | \$43.87 |
| 1 1/2" Meter Minimum Chg. Revenue | | \$127,496 | \$155,984 | \$184,473 | \$184,473 | \$184,473 | \$184,473 | \$184,473 | \$184,473 |
| Bills Issued for 2" Meter | | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 | 1,458 |
| Monthly Minimum Charge | x | \$48.46 | \$70.12 | \$70.12 | \$70.12 | \$70.12 | \$70.12 | \$70.12 | \$70.12 |
| 2" Meter Minimum Charge Revenue | | \$70,655 | \$86,445 | \$102,235 | \$102,235 | \$102,235 | \$102,235 | \$102,235 | \$102,235 |
| Bills Issued for 3" Meter | | 432 | 432 | 432 | 432 | 432 | 432 | 432 | 432 |
| Monthly Minimum Charge | x | \$90.75 | \$131.32 | \$131.32 | \$131.32 | \$131.32 | \$131.32 | \$131.32 | \$131.32 |
| 3" Meter Minimum Charge Revenue | | \$39,204 | \$47,967 | \$56,730 | \$56,730 | \$56,730 | \$56,730 | \$56,730 | \$56,730 |
| Bills Issued for 4" Meter | | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 |
| Monthly Minimum Charge | x | \$151.19 | \$218.77 | \$218.77 | \$218.77 | \$218.77 | \$218.77 | \$218.77 | \$218.77 |
| 4" Meter Minimum Charge Revenue | | \$16,329 | \$19,978 | \$23,627 | \$23,627 | \$23,627 | \$23,627 | \$23,627 | \$23,627 |
| Bills Issued for 6" Meter | | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Monthly Minimum Charge | x | \$302.60 | \$437.86 | \$437.86 | \$437.86 | \$437.86 | \$437.86 | \$437.86 | \$437.86 |
| 6" Meter Minimum Charge Revenue | | \$7,565 | \$9,256 | \$10,947 | \$10,947 | \$10,947 | \$10,947 | \$10,947 | \$10,947 |
| Sub-Total Fixed Charge Revenue | | \$535,407 | \$654,942 | \$774,476 | \$774,476 | \$774,476 | \$774,476 | \$774,476 | \$774,476 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

Fixed Charge Revenue - Unincorporated

| | | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|--|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Bills Issued for 5/8" and 3/4" Meters | | 320 | 320 | 320 | 320 | 320 | 320 | 320 | 320 |
| Monthly Minimum Charge | x | \$4.53 | \$9.83 | \$9.83 | \$9.83 | \$9.83 | \$9.83 | \$9.83 | \$9.83 |
| 5/8" & 3/4" Min. Chg. Revenue | | \$1,450 | \$2,297 | \$3,144 | \$3,144 | \$3,144 | \$3,144 | \$3,144 | \$3,144 |
| Bills Issued for 1" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$15.06 | \$32.69 | \$32.69 | \$32.69 | \$32.69 | \$32.69 | \$32.69 | \$32.69 |
| 1" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 1 1/2" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$30.32 | \$65.81 | \$65.81 | \$65.81 | \$65.81 | \$65.81 | \$65.81 | \$65.81 |
| 1 1/2" Meter Minimum Chg. Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 2" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$48.46 | \$105.18 | \$105.18 | \$105.18 | \$105.18 | \$105.18 | \$105.18 | \$105.18 |
| 2" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 3" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$90.75 | \$196.98 | \$196.98 | \$196.98 | \$196.98 | \$196.98 | \$196.98 | \$196.98 |
| 3" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 4" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$151.19 | \$328.16 | \$328.16 | \$328.16 | \$328.16 | \$328.16 | \$328.16 | \$328.16 |
| 4" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bills Issued for 6" Meter | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monthly Minimum Charge | x | \$302.60 | \$656.79 | \$656.79 | \$656.79 | \$656.79 | \$656.79 | \$656.79 | \$656.79 |
| 6" Meter Minimum Charge Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sub-Total Fixed Charge Revenue Uninc. | | \$1,450 | \$2,297 | \$3,144 | \$3,144 | \$3,144 | \$3,144 | \$3,144 | \$3,144 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

Commodity Charge Revenue

| | | | | | | | | | |
|-------------------------------------|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Metered Water Usage (gallons) | | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 | 380,076,690 |
| Sewer Usage Rate (0-10,000 gal) | x | \$4.25 | \$6.15 | \$6.15 | \$6.15 | \$6.15 | \$6.15 | \$6.15 | \$6.15 |
| Sewer Usage Revenue | | \$1,615,326 | \$1,976,399 | \$2,337,472 | \$2,337,472 | \$2,337,472 | \$2,337,472 | \$2,337,472 | \$2,337,472 |
| Metered Water Usage (gallons) | | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 | 140,576,310 |
| Sewer Usage Rate (above 10,000 gal) | x | \$4.89 | \$7.08 | \$7.08 | \$7.08 | \$7.08 | \$7.08 | \$7.08 | \$7.08 |
| Sewer Usage Revenue | | \$687,418 | \$841,349 | \$995,280 | \$995,280 | \$995,280 | \$995,280 | \$995,280 | \$995,280 |
| Sub-Total Commodity Charges | | \$2,302,744 | \$2,817,748 | \$3,332,752 | \$3,332,752 | \$3,332,752 | \$3,332,752 | \$3,332,752 | \$3,332,752 |

Commodity Charge Revenue - Unincorporated

| | | | | | | | | | |
|---|---|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Metered Water Usage (gallons) | | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 |
| Sewer Usage Rate (0-10,000 gal) | x | \$4.25 | \$9.23 | \$9.23 | \$9.23 | \$9.23 | \$9.23 | \$9.23 | \$9.23 |
| Sewer Usage Revenue | | \$82,225 | \$130,350 | \$178,476 | \$178,476 | \$178,476 | \$178,476 | \$178,476 | \$178,476 |
| Metered Water Usage (gallons) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sewer Usage Rate (above 10,000 gal) | x | \$4.89 | \$10.62 | \$10.62 | \$10.62 | \$10.62 | \$10.62 | \$10.62 | \$10.62 |
| Sewer Usage Revenue | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sub-Total Commodity Charges - Uninc. | | \$82,225 | \$130,350 | \$178,476 | \$178,476 | \$178,476 | \$178,476 | \$178,476 | \$178,476 |

Village of Bensenville, Illinois
2014 Water & Sewer Rate Study Update

Created by: CFB/JES
Updated: 3/27/2014

Capital Recovery

| | | | | | | | | | |
|-----------------------------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Metered Water Usage (gallons) | | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 | 520,653,000 |
| Sewer Capital Recovery Rate | x | \$2.41 | \$3.49 | \$3.49 | \$3.49 | \$3.49 | \$3.49 | \$3.49 | \$3.49 |
| Sewer Capital Recovery Revenue | | \$1,254,774 | \$1,535,926 | \$1,817,079 | \$1,817,079 | \$1,817,079 | \$1,817,079 | \$1,817,079 | \$1,817,079 |
| Sub-Total Capital Recovery | | \$1,254,774 | \$1,535,926 | \$1,817,079 | \$1,817,079 | \$1,817,079 | \$1,817,079 | \$1,817,079 | \$1,817,079 |

Capital Recovery - Unincorporated

| | | | | | | | | | |
|---|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Uninc. Water Usage (gallons) | | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 | 19,347,000 |
| Uninc. Sewer Usage | x | \$2.41 | \$5.24 | \$5.24 | \$5.24 | \$5.24 | \$5.24 | \$5.24 | \$5.24 |
| Sewer Uninc. Usage Revenue | | \$46,626 | \$73,954 | \$101,282 | \$101,282 | \$101,282 | \$101,282 | \$101,282 | \$101,282 |
| Sub-Total Capital Recovery - Uninc | | \$46,626 | \$73,954 | \$101,282 | \$101,282 | \$101,282 | \$101,282 | \$101,282 | \$101,282 |

| | | | | | | | | | |
|----------------------------|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Total Sewer Revenue | | \$5,215,217 | \$6,207,209 | \$6,207,209 | \$6,207,209 | \$6,207,209 | \$6,207,209 | \$6,207,209 | \$6,207,209 |
|----------------------------|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|

PROJECTED FINANCIAL IMPACTS TO RATE PAYERS: SCENARIO 1

| Water Monthly Bills | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Senior 5/8" Conn - 2,000 gallons with \$1.54 discount | \$15.96 | \$17.57 | \$19.32 | \$21.23 | \$23.32 | \$25.60 | \$28.11 | \$30.85 |
| Uninc 5/8" Conn - 6,000 gallons | \$67 | \$79 | \$86 | \$94 | \$102 | \$112 | \$122 | \$133 |
| | | 9.2% | 9.1% | 9.2% | 9.2% | 9.2% | 9.2% | 9.2% |
| 5/8" Connection - 6,000 gallons | \$48 | \$52 | \$57 | \$62 | \$68 | \$74 | \$81 | \$89 |
| 1" Connection - 9,000 gallons | \$76 | \$83 | \$91 | \$99 | \$108 | \$118 | \$129 | \$141 |
| 1.5" Connection - 29,000 gallons | \$251 | \$274 | \$300 | \$327 | \$357 | \$390 | \$426 | \$465 |
| 2" Connection - 43,000 gallons | \$24 | \$29 | \$29 | \$29 | \$29 | \$29 | \$0 | \$0 |
| 3" Connection - 130,000 gallons | \$1,132 | \$1,237 | \$1,350 | \$1,474 | \$1,609 | \$1,757 | \$1,919 | \$2,096 |
| 4" Connection - 225,000 gallons | \$1,963 | \$2,144 | \$2,340 | \$2,555 | \$2,790 | \$3,046 | \$3,326 | \$3,634 |
| 6" Connection - 3,000 gallons | \$478 | \$521 | \$569 | \$622 | \$679 | \$741 | \$810 | \$884 |

| Sewer Monthly Bills | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Senior 5/8" Conn - 2,000 gallons with \$1.54 discount | \$16.31 | \$17.95 | \$19.75 | \$21.71 | \$23.85 | \$26.18 | \$28.73 | \$31.50 |
| Uninc 5/8" Conn - 6,000 gallons | \$44 | \$73 | \$80 | \$87 | \$95 | \$104 | \$113 | \$123 |
| | | 9% | 9% | 9% | 9% | 9% | 9% | 9% |
| 5/8" Connection - 6,000 gallons | \$44 | \$49 | \$53 | \$58 | \$63 | \$69 | \$75 | \$82 |
| 1" Connection - 9,000 gallons | \$75 | \$82 | \$89 | \$98 | \$107 | \$116 | \$127 | \$139 |
| 1.5" Connection - 29,000 gallons | \$236 | \$257 | \$281 | \$307 | \$335 | \$366 | \$399 | \$436 |
| 2" Connection - 43,000 gallons | \$356 | \$389 | \$424 | \$463 | \$506 | \$553 | \$603 | \$658 |
| 3" Connection - 130,000 gallons | \$1,033 | \$1,128 | \$1,232 | \$1,345 | \$1,469 | \$1,604 | \$1,751 | \$1,911 |
| 4" Connection - 225,000 gallons | \$1,787 | \$1,951 | \$2,130 | \$2,326 | \$2,541 | \$2,774 | \$3,029 | \$3,306 |
| 6" Connection - 3,000 gallons | \$303 | \$335 | \$365 | \$399 | \$436 | \$476 | \$520 | \$567 |

PROJECTED FINANCIAL IMPACTS TO RATE PAYERS: SCENARIO 1

| Water and Sewer Monthly Bills | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|--------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Senior 5/8" Conn - 2,000 gallons | \$32 | \$36 | \$39 | \$43 | \$47 | \$52 | \$57 | \$62 |
| Uninc 5/8" Conn - 6,000 gallons | \$112 | \$151 | \$165 | \$180 | \$197 | \$215 | \$235 | \$257 |
| 5/8" Connection - 6,000 gallons | \$92 | \$101 | \$110 | \$120 | \$131 | \$143 | \$157 | \$171 |
| 1" Connection - 9,000 gallons | \$151 | \$165 | \$180 | \$197 | \$215 | \$235 | \$256 | \$280 |
| 1.5" Connection - 29,000 gallons | \$487 | \$532 | \$580 | \$634 | \$692 | \$756 | \$825 | \$901 |
| 2" Connection - 43,000 gallons | \$380 | \$418 | \$454 | \$493 | \$536 | \$582 | \$603 | \$658 |
| 3" Connection - 130,000 gallons | \$2,166 | \$2,365 | \$2,582 | \$2,819 | \$3,079 | \$3,361 | \$3,670 | \$4,007 |
| 4" Connection - 225,000 gallons | \$3,750 | \$4,096 | \$4,470 | \$4,881 | \$5,331 | \$5,820 | \$6,355 | \$6,939 |
| 6" Connection - 3,000 gallons | \$780 | \$856 | \$935 | \$1,021 | \$1,115 | \$1,217 | \$1,329 | \$1,452 |

PROJECTED FINANCIAL IMPACTS TO RATE PAYERS: SCENARIO 2

| Water Monthly Bills | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Senior 5/8" Conn - 2,000 gallons with \$1.54 discount | \$15.96 | \$18.58 | \$20.08 | \$21.71 | \$23.46 | \$25.34 | \$27.36 | \$29.54 |
| Uninc 5/8" Conn - 6,000 gallons | \$67 | \$83 | \$89 | \$96 | \$103 | \$110 | \$119 | \$128 |
| | | 15.0% | 7.4% | 7.5% | 7.5% | 7.5% | 7.5% | 7.6% |
| 5/8" Connection - 6,000 gallons | \$48 | \$55 | \$59 | \$64 | \$68 | \$74 | \$79 | \$85 |
| 1" Connection - 9,000 gallons | \$76 | \$88 | \$94 | \$101 | \$109 | \$117 | \$126 | \$135 |
| 1.5" Connection - 29,000 gallons | \$251 | \$289 | \$310 | \$334 | \$359 | \$386 | \$415 | \$446 |
| 2" Connection - 43,000 gallons | \$24 | \$29 | \$29 | \$29 | \$29 | \$29 | \$0 | \$0 |
| 3" Connection - 130,000 gallons | \$1,132 | \$1,302 | \$1,398 | \$1,503 | \$1,616 | \$1,737 | \$1,868 | \$2,009 |
| 4" Connection - 225,000 gallons | \$1,963 | \$2,256 | \$2,424 | \$2,606 | \$2,802 | \$3,012 | \$3,238 | \$3,482 |
| 6" Connection - 3,000 gallons | \$478 | \$549 | \$590 | \$635 | \$682 | \$733 | \$788 | \$848 |

| Sewer Monthly Bills | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Senior 5/8" Conn - 2,000 gallons with \$1.54 discount | \$16.31 | \$18.99 | \$20.54 | \$22.18 | \$23.95 | \$25.88 | \$27.94 | \$30.16 |
| Uninc 5/8" Conn - 6,000 gallons | \$44 | \$77 | \$83 | \$89 | \$95 | \$103 | \$110 | \$119 |
| | | 15% | 8% | 7% | 7% | 8% | 8% | 8% |
| 5/8" Connection - 6,000 gallons | \$44 | \$51 | \$55 | \$59 | \$64 | \$68 | \$73 | \$79 |
| 1" Connection - 9,000 gallons | \$75 | \$86 | \$93 | \$100 | \$107 | \$115 | \$124 | \$133 |
| 1.5" Connection - 29,000 gallons | \$236 | \$271 | \$291 | \$313 | \$336 | \$362 | \$389 | \$418 |
| 2" Connection - 43,000 gallons | \$356 | \$409 | \$440 | \$473 | \$508 | \$546 | \$587 | \$631 |
| 3" Connection - 130,000 gallons | \$1,033 | \$1,188 | \$1,277 | \$1,372 | \$1,475 | \$1,586 | \$1,705 | \$1,832 |
| 4" Connection - 225,000 gallons | \$1,787 | \$2,054 | \$2,209 | \$2,373 | \$2,551 | \$2,743 | \$2,948 | \$3,169 |
| 6" Connection - 3,000 gallons | \$303 | \$352 | \$379 | \$407 | \$438 | \$471 | \$506 | \$544 |

PROJECTED FINANCIAL IMPACTS TO RATE PAYERS: SCENARIO 2

| Water and Sewer Monthly Bills | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|--------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Senior 5/8" Conn - 2,000 gallons | \$32 | \$38 | \$41 | \$44 | \$47 | \$51 | \$55 | \$60 |
| Uninc 5/8" Conn - 6,000 gallons | \$112 | \$159 | \$171 | \$184 | \$198 | \$213 | \$229 | \$246 |
| 5/8" Connection - 6,000 gallons | \$92 | \$106 | \$114 | \$123 | \$132 | \$142 | \$153 | \$164 |
| 1" Connection - 9,000 gallons | \$151 | \$174 | \$187 | \$201 | \$216 | \$232 | \$250 | \$268 |
| 1.5" Connection - 29,000 gallons | \$487 | \$560 | \$602 | \$647 | \$695 | \$747 | \$803 | \$864 |
| 2" Connection - 43,000 gallons | \$380 | \$439 | \$469 | \$502 | \$538 | \$576 | \$587 | \$631 |
| 3" Connection - 130,000 gallons | \$2,166 | \$2,489 | \$2,675 | \$2,875 | \$3,091 | \$3,323 | \$3,572 | \$3,841 |
| 4" Connection - 225,000 gallons | \$3,750 | \$4,311 | \$4,633 | \$4,979 | \$5,353 | \$5,754 | \$6,186 | \$6,651 |
| 6" Connection - 3,000 gallons | \$780 | \$902 | \$969 | \$1,042 | \$1,120 | \$1,204 | \$1,294 | \$1,392 |

PROJECTED FINANCIAL IMPACTS TO RATE PAYERS: SCENARIO 3

| Water Monthly Bills | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Senior 5/8" Conn - 2,000 gallons with \$1.54 discount | \$15.96 | \$23.78 | \$23.78 | \$23.78 | \$23.78 | \$23.78 | \$23.78 | \$23.78 |
| Uninc 5/8" Conn - 6,000 gallons | \$67 | \$104 | \$104 | \$104 | \$104 | \$104 | \$104 | \$104 |
| | | 44.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 5/8" Connection - 6,000 gallons | \$48 | \$69 | \$69 | \$69 | \$69 | \$69 | \$69 | \$69 |
| 1" Connection - 9,000 gallons | \$76 | \$110 | \$110 | \$110 | \$110 | \$110 | \$110 | \$110 |
| 1.5" Connection - 29,000 gallons | \$251 | \$364 | \$364 | \$364 | \$364 | \$364 | \$364 | \$364 |
| 2" Connection - 43,000 gallons | \$24 | \$29 | \$29 | \$29 | \$29 | \$29 | \$0 | \$0 |
| 3" Connection - 130,000 gallons | \$1,132 | \$1,639 | \$1,639 | \$1,639 | \$1,639 | \$1,639 | \$1,639 | \$1,639 |
| 4" Connection - 225,000 gallons | \$1,963 | \$2,841 | \$2,841 | \$2,841 | \$2,841 | \$2,841 | \$2,841 | \$2,841 |
| 6" Connection - 3,000 gallons | \$478 | \$691 | \$691 | \$691 | \$691 | \$691 | \$691 | \$691 |

| Sewer Monthly Bills | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Senior 5/8" Conn - 2,000 gallons with \$1.54 discount | \$16.31 | \$24.29 | \$24.29 | \$24.29 | \$24.29 | \$24.29 | \$24.29 | \$24.29 |
| Uninc 5/8" Conn - 6,000 gallons | \$44 | \$97 | \$97 | \$97 | \$97 | \$97 | \$97 | \$97 |
| | | 45% | 0% | 0% | 0% | 0% | 0% | 0% |
| 5/8" Connection - 6,000 gallons | \$44 | \$64 | \$64 | \$64 | \$64 | \$64 | \$64 | \$64 |
| 1" Connection - 9,000 gallons | \$75 | \$109 | \$109 | \$109 | \$109 | \$109 | \$109 | \$109 |
| 1.5" Connection - 29,000 gallons | \$236 | \$341 | \$341 | \$341 | \$341 | \$341 | \$341 | \$341 |
| 2" Connection - 43,000 gallons | \$356 | \$515 | \$515 | \$515 | \$515 | \$515 | \$515 | \$515 |
| 3" Connection - 130,000 gallons | \$1,033 | \$1,496 | \$1,496 | \$1,496 | \$1,496 | \$1,496 | \$1,496 | \$1,496 |
| 4" Connection - 225,000 gallons | \$1,787 | \$2,588 | \$2,588 | \$2,588 | \$2,588 | \$2,588 | \$2,588 | \$2,588 |
| 6" Connection - 3,000 gallons | \$303 | \$444 | \$444 | \$444 | \$444 | \$444 | \$444 | \$444 |

PROJECTED FINANCIAL IMPACTS TO RATE PAYERS: SCENARIO 3

| Water and Sewer Monthly Bills | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|--------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Senior 5/8" Conn - 2,000 gallons | \$32 | \$48 | \$48 | \$48 | \$48 | \$48 | \$48 | \$48 |
| Uninc 5/8" Conn - 6,000 gallons | \$112 | \$201 | \$201 | \$201 | \$201 | \$201 | \$201 | \$201 |
| 5/8" Connection - 6,000 gallons | \$92 | \$134 | \$134 | \$134 | \$134 | \$134 | \$134 | \$134 |
| 1" Connection - 9,000 gallons | \$151 | \$219 | \$219 | \$219 | \$219 | \$219 | \$219 | \$219 |
| 1.5" Connection - 29,000 gallons | \$487 | \$705 | \$705 | \$705 | \$705 | \$705 | \$705 | \$705 |
| 2" Connection - 43,000 gallons | \$380 | \$545 | \$545 | \$545 | \$545 | \$545 | \$515 | \$515 |
| 3" Connection - 130,000 gallons | \$2,166 | \$3,135 | \$3,135 | \$3,135 | \$3,135 | \$3,135 | \$3,135 | \$3,135 |
| 4" Connection - 225,000 gallons | \$3,750 | \$5,429 | \$5,429 | \$5,429 | \$5,429 | \$5,429 | \$5,429 | \$5,429 |
| 6" Connection - 3,000 gallons | \$780 | \$1,134 | \$1,134 | \$1,134 | \$1,134 | \$1,134 | \$1,134 | \$1,134 |

**VILLAGE OF BENSENVILLE
12 S. CENTER STREET
BENSENVILLE, ILLINOIS 60106**

Ordinance No. 35-2014

**An Ordinance Amending Ordinance No. 30-2014, Adopted June 24, 2014 Amending the
Municipal Water/Sewer Rates of the Village of Bensenville, Counties of Cook and DuPage,
Illinois to Correct a Scrivener's Error**

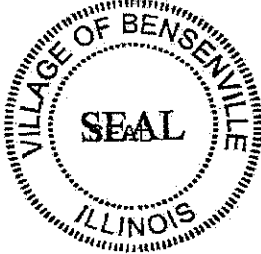
**ADOPTED BY THE
VILLAGE BOARD OF TRUSTEES
OF THE
VILLAGE OF BENSENVILLE
THIS 12th DAY OF AUGUST, 2014**

Published in pamphlet form by authority of the President and Board of Trustees of the
Village of Bensenville, DuPage and Cook Counties, Illinois this 13th day of August 2014

STATE OF ILLINOIS)
COUNTIES OF COOK)
SS AND DUPAGE)

I, Corey Williamsen, do hereby certify that I am the duly appointed Deputy Village Clerk of the Village of Bensenville, DuPage and Cook Counties, Illinois, and as such officer, I am the keeper of the records and files of said Village; I do further certify that the foregoing constitutes a full, true and correct copy of Ordinance No. 35-2014 entitled an ordinance amending ordinance no. 30-2014, adopted June 24, 2014 amending the municipal water/sewer rates of the Village of Bensenville, Counties of Cook and DuPage, Illinois to correct a scrivener's error.

INWITNESS WHEREOF, I have hereunto affixed my official hand and seal on this
13th day of August, 2014.





Corey Williamsen
Deputy Village Clerk

ORDINANCE # 35-2014

**AN ORDINANCE AMENDING ORDINANCE NO. 30-2014, ADOPTED JUNE 24,
2014 AMENDING THE MUNICIPAL WATER/SEWER RATES OF THE
VILLAGE OF BENSENVILLE, COUNTIES OF COOK AND DUPAGE, ILLINOIS
TO CORRECT A SCRIVENER'S ERROR**

WHEREAS, pursuant to the Illinois Municipal Code, 65 ILCS 5/1-1-1, *et seq.*, the Village of Bensenville (the "*Village*") owns and operates sewerage and waterworks facilities (the "*System*") within and outside the municipal boundaries of the Village; and

WHEREAS, the Illinois Municipal Code at Division 139 grants the Village the authority to charge its inhabitants a reasonable compensation for the use and service of the System and to establish rates for that purpose; and

WHEREAS, the Village has carefully considered the findings and recommendations of the Baxter & Woodman, Inc. 2014 Village of Bensenville Water & Sewer Rate Study, (the "Baxter & Woodman Study");

WHEREAS, the Village has carefully considered its own experience in operating and maintaining the System and the revenues and expenses associated therewith, together with the current condition of the System,

BE IT AND IT IS HEREBY ORDAINED by the President and Board of Trustees of the Village of Bensenville, Counties of DuPage and Cook, Illinois, as follows:

SECTION ONE: AMENDMENT OF RATES. For the purpose of establishing the rates hereinafter set forth, the Village's Corporate Authorities hereby adopt the findings and recommendations contained in the Baxter & Woodman Study heretofore incorporated herein as Exhibit "A" for the use of, and for the service supplied by, the waterworks system of the Village and the same are hereby amended, in part, as provided for herein. Annually, the Finance Director shall evaluate the system revenues, expenses and fund balance against projections. The Director shall issue a report of findings to the Village Board at least one month prior to the scheduled annual rate increase at which time the Board can determine whether the scheduled annual rate increase needs to be revised.

SECTION TWO: In accordance with the provisions hereof, Section 8-7-7 of the Bensenville Village Code, as amended, as follows

A. WATER RATES WITHIN CORPORATE LIMITS

1. 2014 Water Commodity Charges (effective July 1, 2014):

- | | |
|-----------------------------------|--------------------------|
| a. First 10,000 gallons per month | \$6.19 per 1,000 gallons |
| b. Above 10,000 gallons per month | \$7.12 per 1,000 gallons |

2. Monthly Fixed Charges:

| | |
|-------------------------------------|----------|
| a. 5/8 inch and 3/4 inch meter size | |
| Fixed charge | \$2.62 |
| b. 1-inch meter size | |
| Fixed charge | \$8.81 |
| c. 1-1/2 inch meter size | |
| Fixed charge | \$17.43 |
| d. 2-inch meter size | |
| Fixed charge | \$27.95 |
| e. 3-inch meter size | |
| Fixed charge | \$52.50 |
| f. 4-inch meter size | |
| Fixed charge | \$87.56 |
| g. 6-inch meter size | |
| Fixed charge | \$174.95 |

Senior Citizen Residential Accounts (over age 65):

| | |
|---------------------------|--------|
| h. Fixed charge | \$2.62 |
| Deduction from Total Bill | \$1.54 |

3. Future Water Rates:

- a. Water rates for customers within the corporate limits will be further revised once per year according to the following schedule.

| Item | As of January 1, 2015 | As of January 1, 2016 | As of January 1, 2017 | As of January 1, 2018 | As of January 1, 2019 | As of January 1, 2020 |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Water Commodity Charge, First 10,000 gallons per month, per 1,000 gallons | \$6.65 | \$7.15 | \$7.69 | \$8.27 | \$8.89 | \$9.56 |
| Water Commodity Charge, Above 10,000 gallons, per 1,000 gallons | \$7.65 | \$8.22 | \$8.84 | \$9.5 | \$10.21 | \$10.98 |
| Monthly Fixed Charges (per Meter Size) | | | | | | |
| 5/8 inch and 3/4 inch | \$2.82 | \$3.03 | \$3.26 | \$3.50 | \$3.76 | \$4.04 |
| 1 inch meter | \$9.47 | \$10.18 | \$10.94 | \$11.76 | \$12.64 | \$13.59 |
| 1 1/2 inch meter | \$18.74 | \$20.15 | \$21.66 | \$23.28 | \$25.03 | \$26.91 |

| | | | | | | |
|---------------------------------------|----------|----------|----------|----------|----------|----------|
| 2 inch meter | \$30.05 | \$32.30 | \$34.72 | \$37.32 | \$40.12 | \$43.13 |
| 3 inch meter | \$56.44 | \$60.67 | \$65.22 | \$70.11 | \$75.37 | \$81.02 |
| 4 inch meter | \$94.13 | \$101.19 | \$108.78 | \$116.94 | \$125.71 | \$135.14 |
| 6 inch meter | \$188.07 | \$202.18 | \$217.34 | \$233.64 | \$251.16 | \$270.00 |
| Senior Citizen Fixed Charge Deduction | (\$1.54) | (\$1.54) | (\$1.54) | (\$1.54) | (\$1.54) | (\$1.54) |

B. WATER RATES OUTSIDE CORPORATE LIMITS (RESIDENTIAL)

1. 2014 Water Commodity / Monthly Fixed Charges (effective July 1, 2014 – December 31) established at 100% of Corporate Limit Rates:
2. 2015 Water Commodity Charges (effective January 1, 2015) established at 150% of Corporate Limit Rates:
 - a. First 10,000 gallons per month \$9.98 per 1,000 gallons
 - b. Above 10,000 gallons per month \$11.48 per 1,000 gallons
3. Monthly Fixed Charges (effective January 1, 2015) established at 150% of Corporate Limit Monthly Fixed Charges:
 - a. 5/8 inch and 3/4 inch meter size
Fixed charge \$4.23
 - b. 1-inch meter size
Fixed charge \$14.21
 - c. 1-1/2 inch meter size
Fixed charge \$28.11
 - d. 2-inch meter size
Fixed charge \$45.08
 - e. 3-inch meter size
Fixed charge \$84.66
 - f. 4-inch meter size
Fixed charge \$141.20
 - g. 6-inch meter size
Fixed charge \$282.11
4. Future Water Rates:

- a. Water rates for residential customers outside the corporate limits will be further revised once per year according to the following schedule.

| Item | As of January 1, 2015 | As of January 1, 2016 | As of January 1, 2017 | As of January 1, 2018 | As of January 1, 2019 | As of January 1, 2020 |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Water Commodity Charge, First 10,000 gallons per month, per 1,000 gallons | \$9.98 | \$10.73 | \$11.54 | \$12.41 | \$13.34 | \$14.34 |
| Water Commodity Charge, Above 10,000 gallons, per 1,000 gallons | \$11.48 | \$12.33 | \$13.26 | \$14.25 | \$15.31 | \$16.47 |
| Monthly Fixed Charges (per Meter Size) | | | | | | |
| 5/8 inch and 3/4 inch | \$4.23 | \$4.55 | \$4.89 | \$5.25 | \$5.64 | \$6.06 |
| 1 inch meter | \$14.21 | \$15.27 | \$16.41 | \$17.64 | \$18.96 | \$20.39 |
| 1 1/2 inch meter | \$28.11 | \$30.23 | \$32.49 | \$34.92 | \$37.55 | \$40.37 |
| 2 inch meter | \$45.08 | \$48.45 | \$52.08 | \$55.98 | \$60.18 | \$64.70 |
| 3 inch meter | \$84.66 | \$91.01 | \$97.83 | \$105.17 | \$113.06 | \$121.53 |
| 4 inch meter | \$141.20 | \$151.79 | \$163.17 | \$175.41 | \$188.57 | \$202.71 |
| 6 inch meter | \$282.11 | \$303.27 | \$326.01 | \$350.46 | \$376.74 | \$405.00 |

C. WATER RATES OUTSIDE CORPORATE LIMITS (NON-RESIDENTIAL)

1. Same as established in SECTION TWO.B, above.

CAPITAL RECOVERY CHARGES WITHIN CORPORATE LIMITS

1. 2014 Capital Recovery Charges (effective July 1, 2014 within the Corporate Limits (regardless of usage volume):
 - a. Water capital recovery charge \$2.56 per 1,000 gallons
 - b. Wastewater capital recovery charge \$2.77 per 1,000 gallons
2. Non-metered Accounts:
 - a. Flat rate per month – 9,000 gallons minimum
 1. Water Capital Recovery \$23.04
 2. Wastewater capital recovery \$24.93
 3. Total Capital Recovery Rate per month \$47.97
3. Future Capital Recovery Charges:
 - a. Capital recovery charges for customers within the corporate limits will be further revised once per year according to the following schedule.

| Item | As of January 1, 2015 | As of January 1, 2016 | As of January 1, 2017 | As of January 1, 2018 | As of January 1, 2019 | As of January 1, 2020 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Water Capital Recovery Charge, Per 1,000 gallons | \$2.75 | \$2.96 | \$3.18 | \$3.42 | \$3.68 | \$3.96 |
| Wastewater Recovery Charge, Per 1,000 gallons | \$2.98 | \$3.20 | \$3.44 | \$3.70 | \$3.98 | \$4.28 |

D. CAPITAL RECOVERY CHARGES OUTSIDE CORPORATE LIMITS

1. 2014 Fixed Capital Recovery (effective July 1, 2014 – December 31, 2014) outside the Corporate Limits (regardless of usage volume) charge of \$19.39 (\$32.48 for 1" meters) per month.
2. 2015 Capital Recovery Charges (January 1, 2015 outside the Corporate Limits (regardless of usage volume) established at 150% of Corporate Capital Recovery Charges:
 - a. Water Capital Recovery Charge \$3.84 per 1,000 gallons
 - b. Wastewater Capital Recovery Charge \$4.16 per 1,000 gallons
3. Non-metered Accounts:
 - a. Flat rate per month – 9,000 gallons minimum
 1. Water Capital Recovery \$34.56
 2. Wastewater capital recovery \$37.40
 - Total Capital Recovery Rate per month \$71.96

3. Future Capital Recovery Charges:

- a. Capital recovery charges for customers within the corporate limits will be further revised once per year according to the following schedule:

| Item | As of January 1, 2015 | As of January 1, 2016 | As of January 1, 2017 | As of January 1, 2018 | As of January 1, 2019 | As of January 1, 2020 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Water Capital Recovery Charge, Per 1,000 gallons | \$3.84 | \$4.13 | \$4.44 | \$4.77 | \$5.13 | \$5.52 |
| Wastewater Recovery Charge, Per 1,000 gallons | \$4.47 | \$4.80 | \$5.16 | \$5.55 | \$5.97 | \$6.42 |

SECTION THREE: In accordance with the provisions hereof, Section 8-6-23-4 of the Bensenville Village Code is hereby amended follows:

A. SEWER/WASTEWATER RATES WITHIN THE CORPORATE LIMITS:

1. 2014 Wastewater Commodity Charges (effective July 1, 2014):

- a. First 10,000 gallons per month \$4.89 per 1,000 gallons
b. Above 10,000 gallons per month \$5.62 per 1,000 gallons

2. Monthly Fixed Bills per month:

- a. 5/8 inch and 3/4 inch meter size
Fixed charge \$5.21
b. 1-inch meter size
Fixed charge \$17.32
c. 1-1/2 inch meter size
Fixed charge \$34.87
d. 2-inch meter size
Fixed charge \$55.73
e. 3-inch meter size
Fixed charge \$104.36
f. 4-inch meter size
Fixed charge \$173.87
g. 6-inch meter size
Fixed charge \$347.99

3. Non-metered Accounts:

a. Flat rate per month

| | |
|---------------------------|---------|
| 1. Fixed charge | \$5.21 |
| 2. 9,000 gallons | \$44.01 |
| Total flat rate per month | \$49.22 |

4. Future Wastewater Rates:

- a. Wastewater rates for customers within the corporate limits will be further revised once per year according to the following schedule.

| Item | As of January 1, 2015 | As of January 1, 2016 | As of January 1, 2017 | As of January 1, 2018 | As of January 1, 2019 | As of January 1, 2020 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Wastewater Commodity Charge, First 10,000 gallons per month, per 1,000 gallons | \$5.26 | \$5.65 | \$6.07 | \$6.53 | \$7.02 | \$7.55 |
| Wastewater Commodity Charge, Above 10,000 gallons, per 1,000 gallons | \$6.04 | \$6.49 | \$6.98 | \$7.50 | \$8.06 | \$8.66 |
| Monthly Fixed Charges (per Meter Size) | | | | | | |
| 5/8 inch and 3/4 inch | \$5.60 | \$6.02 | \$6.47 | \$6.96 | \$7.48 | \$8.04 |
| 1 inch meter | \$18.62 | \$20.02 | \$21.52 | \$23.13 | \$24.86 | \$26.72 |
| 1 1/2 inch meter | \$37.49 | \$40.30 | \$43.32 | \$46.57 | \$50.06 | \$53.81 |
| 2 inch meter | \$59.91 | \$64.40 | \$69.23 | \$74.42 | \$80.00 | \$86.00 |
| 3 inch meter | \$112.19 | \$120.60 | \$129.65 | \$139.37 | \$149.82 | \$161.06 |
| 4 inch meter | \$186.91 | \$200.93 | \$216.00 | \$232.20 | \$249.62 | \$268.34 |
| 6 inch meter | \$374.09 | \$402.15 | \$432.31 | \$464.73 | \$499.58 | \$537.05 |

B. SEWER/WASTEWATER RATES OUTSIDE THE CORPORATE LIMITS:

- 2014 Wastewater Commodity / Monthly Fixed Charges (effective July 1, 2014 – December 31) established at 100% of Corporate Limit Rates:
- 2015 Wastewater Commodity Charges (January 1, 2015) established at 150% of the Corporate Rates:
 - First 10,000 gallons per month \$7.34 per 1,000 gallons
 - Above 10,000 gallons per month \$8.43 per 1,000 gallons
- Monthly Fixed Bills per month:

- a. 5/8 inch and 3/4 inch meter size
Fixed charge \$7.82
- b. 1-inch meter size
Fixed charge \$25.98
- c. 1-1/2 inch meter size
Fixed charge \$52.31
- d. 2-inch meter size
Fixed charge \$83.60
- e. 3-inch meter size
Fixed charge \$156.54
- f. 4-inch meter size
Fixed charge \$260.81
- g. 6-inch meter size
Fixed charge \$521.99
4. Non-metered Accounts:
- b. Flat rate per month
- | | |
|---------------------------|---------|
| 1. Fixed charge | \$7.82 |
| 2. 9,000 gallons | \$66.02 |
| Total flat rate per month | \$73.84 |
5. Future Wastewater Rates:

- b. Wastewater rates for customers outside the corporate limits will be further revised once per year according to the following schedule.

| Item | As of January 1, 2015 | As of January 1, 2016 | As of January 1, 2017 | As of January 1, 2018 | As of January 1, 2019 | As of January 1, 2020 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Wastewater Commodity Charge, First 10,000 gallons per month, per 1,000 gallons | \$7.89 | \$8.48 | \$9.11 | \$9.80 | \$10.53 | \$11.33 |
| Wastewater Commodity Charge, Above 10,000 gallons, per 1,000 gallons | \$9.06 | \$9.74 | \$10.47 | \$11.25 | \$12.09 | \$12.99 |
| Monthly Fixed Charges (per Meter Size) | | | | | | |
| 5/8 inch and 3/4 inch | \$8.40 | \$9.03 | \$9.71 | \$10.44 | \$11.22 | \$12.06 |
| 1 inch meter | \$27.93 | \$30.03 | \$32.28 | \$34.70 | \$37.29 | \$40.08 |
| 1 1/2 inch meter | \$56.24 | \$60.45 | \$64.98 | \$69.86 | \$75.09 | \$80.72 |

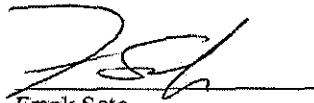
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|--------------|----------|----------|----------|----------|----------|----------|
| 2 inch meter | \$89.87 | \$96.60 | \$103.85 | \$111.63 | \$120.00 | \$129.00 |
| 3 inch meter | \$168.29 | \$180.90 | \$194.48 | \$209.06 | \$224.73 | \$241.59 |
| 4 inch meter | \$280.37 | \$301.40 | \$324.00 | \$348.30 | \$374.43 | \$402.51 |
| 6 inch meter | \$561.14 | \$603.23 | \$648.47 | \$697.10 | \$749.37 | \$805.58 |

C. SEWER/WASTWATER RATES OUTSIDE CORPORATE LIMITS (NON-RESIDENTIAL)

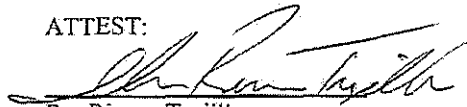
1. Same as established in SECTION THREE.B. above.

SECTION FOUR: All ordinances in conflict herewith are repealed to the extent of said conflict. This Ordinance is in full force and effect after passage and publication according to law and the rates and charges contained herein shall apply to all bills issued on or after AUGUST 1, 2014.

PASSED AND APPROVED by the President and Board of Trustees at the Village of Bensenville, this 12TH day of AUGUST, 2014.


Frank Soto
Village President

ATTEST:


Lisa Rivera-Trujillo
Village Clerk

AYES: BARTLETT, JANOWIAK, JARECKI, RIDDER

NAYS: WESSELER

ABSENT: O'CONNELL

Published in Pamphlet Form AUGUST 13, 2014

STATE OF ILLINOIS

UNITED STATES OF AMERICA

COUNTY OF DU PAGE

IN THE CIRCUIT COURT OF THE EIGHTEENTH JUDICIAL CIRCUIT

Gina Mellenthin, Kurt Igleman, Celeste Shaw, et al

Plaintiff,

v.

Village of Bensenville

Defendant,

18 CH 001065

Case Number

Chris Kachiroubas
e-filed in the 18th Judicial Circuit Court
DuPage County
ENVELOPE: 6399572
2018CH001065
FILEDATE: 8/30/2019 12:31 PM
Date Submitted: 8/30/2019 12:31 PM
Date Accepted: 8/30/2019 2:04 PM
MP

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EXHIBIT COVER SHEET

Local Court Rules 5.06 and 5.09

EXHIBIT NAME: Exhibit D

TITLE OF DOCUMENT THIS EXHIBIT BELONGS WITH:

Amended Complaint

Document File Date: August 30, 2019

(The file date of the document this exhibit belongs with)

EXHIBIT FILED ON BEHALF OF: Gina Mellenthin, Kurt Igleman, Celeste Shaw, and Phil Adcock

(Case Party Name)

Submitted by: Keith H. Werwas

Name: Matton and Werwas, P.C. ☐ Pro Se

DuPage Attorney Number: 328992

Attorney for: Plaintiffs

Address: 134 N. LaSalle Street, Suite 1040

City/State/Zip: Chicago, IL 60602

Telephone Number: 312-236-6800

Email: kwerwas@mattonandwerwas.com

EXHIBIT D



Village of Bensenville
1000 North Lake Street
Bensenville, IL 60009
630.331.1000
www.bensenville.org

VILLAGE BOARD

August 15, 2019

President

Via electronic mail

Board of Trustees

Ms. Gina Mellenthin
Ginawpcu@gmail.com

Re: Freedom of Information Act request
Received August 8, 2019

Village Clerk

Village Manager


Dear Ms. Mellenthin:

Thank you for writing to the Village of Bensenville ("Village") with your requests for information pursuant to the Freedom of Information Act (FOIA), 5 ILCS 140/1 et seq. Your FOIA request provides as follows:

I [am] asking what [is] the basis of your water rate [f]or the unincorporated area [f]rom 1986 till 2019 we are asking how they came about the extra charge over and above the water [b]ill.

The Village does not have an existing public record reflecting the answer to your question and is not obligated to create a public record to answer questions posed by FOIA requesters. See Kenyon v. Garrels, 184 Ill. App. 3d 28, 33 (4th Dist. 1989).

Very truly yours,


Corey Williamsen
Freedom of Information Officer
Village of Bensenville



STATE OF ILLINOIS

UNITED STATES OF AMERICA

COUNTY OF DU PAGE

IN THE CIRCUIT COURT OF THE EIGHTEENTH JUDICIAL CIRCUIT

Gina Mellenthin, Kurt Igleman, Celeste Shaw, et al

Plaintiff,

v.

Village of Bensenville

Defendant,

18 CH 001065

Case Number

Chris Kachiroubas
 e-filed in the 18th Judicial Circuit Court
 DuPage County
 ENVELOPE: 6399572
 2018CH001065
 FILEDATE: 8/30/2019 12:31 PM
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EXHIBIT COVER SHEET

Local Court Rules 5.06 and 5.09

EXHIBIT NAME: Group Exhibit E**TITLE OF DOCUMENT THIS EXHIBIT BELONGS WITH:**Amended Complaint**Document File Date:** August 30, 2019*(The file date of the document this exhibit belongs with)***EXHIBIT FILED ON BEHALF OF:** Gina Mellenthin, Kurt Igleman, Celeste Shaw, and Phil Adcock*(Case Party Name)*Submitted by: Keith H. WerwasName: Matton and Werwas, P.C. ☐ Pro SeDuPage Attorney Number: 328992Attorney for: PlaintiffsAddress: 134 N. LaSalle Street, Suite 1040City/State/Zip: Chicago, IL 60602Telephone Number: 312-236-6800Email: kwerwas@mattonandwerwas.com

GROUP EXHIBIT E

VILLAGE OF BENSENVILLE, ILLINOIS

Normal Governmental Funds

Combining Balance Sheet

December 31, 2015

| | Special Revenue Unincorporated Utility | Capital Projects | Totals |
|---|---|---------------------|-----------|
| ASSETS | | | |
| Cash and Investments | \$ 968,723 | 3,844,180 | 4,812,903 |
| Receivables - Net of Allowances | | | |
| Property Taxes | - | 297,064 | 297,064 |
| Accounts | 9,657 | 70,000 | 79,657 |
| Total Assets | 978,380 | 4,211,244 | 5,189,624 |
| LIABILITIES | | | |
| Accounts Payable | 2,033 | 108,409 | 110,442 |
| Accrued Interest | - | 8,624 | 8,624 |
| Due to Other Funds | - | 11,354 | 11,354 |
| Advances from Other Funds | - | 1,488,982 | 1,488,982 |
| Other Payables | - | 89,881 | 89,881 |
| Total Liabilities | 2,033 | 1,707,250 | 1,709,283 |
| DEFERRED INFLOWS OF RESOURCES | | | |
| Property Taxes | - | 289,773 | 289,773 |
| Total Liabilities and Deferred Inflows of Resources | 2,033 | 1,997,023 | 1,999,056 |
| FUND BALANCES | | | |
| Restricted | - | 2,182,908 | 2,182,908 |
| Committed | 976,347 | - | 976,347 |
| Assigned | - | 772,844 | 772,844 |
| Unassigned | - | (741,531) | (741,531) |
| Total Fund Balances | 976,347 | 2,214,221 | 3,190,568 |
| Total Liabilities, Deferred Inflows of Resources and Fund Balances | 978,380 | 4,211,244 | 5,189,624 |

VILLAGE OF BENSENVILLE, ILLINOIS

Nonmajor Governmental Funds

Combining Balance Sheet
December 31, 2014

| | Special Revenue | | |
|---|---------------------------|---------------------|-----------|
| | Unincorporated Utility | Capital Projects | Totals |
| ASSETS | | | |
| Cash and Investments | \$ 1,041,374 | 4,218,527 | 5,259,901 |
| Receivables - Net of Allowances | | | |
| Property Taxes | - | 410,045 | 410,045 |
| Accounts | 4,204 | 35,000 | 39,204 |
| Prepays | - | 37,063 | 37,063 |
| Total Assets | 1,045,578 | 4,700,635 | 5,746,213 |
| LIABILITIES | | | |
| Accounts Payable | 7,032 | 93,815 | 100,847 |
| Advances from Other Funds | - | 1,500,584 | 1,500,584 |
| Other Payables | - | 54,882 | 54,882 |
| Total Liabilities | 7,032 | 1,649,281 | 1,656,313 |
| DEFERRED INFLOWS OF RESOURCES | | | |
| Property Taxes | - | 410,045 | 410,045 |
| Total Liabilities and Deferred Inflows of Resources | 7,032 | 2,059,326 | 2,066,358 |
| FUND BALANCES | | | |
| Nonspendable | - | 37,063 | 37,063 |
| Restricted | - | 2,360,964 | 2,360,964 |
| Committed | 1,038,546 | - | 1,038,546 |
| Assigned | - | 1,042,530 | 1,042,530 |
| Unassigned | - | (799,248) | (799,248) |
| Total Fund Balances | 1,038,546 | 2,641,309 | 3,679,855 |
| Total Liabilities, Deferred Inflows of Resources and Fund Balances | 1,045,578 | 4,700,635 | 5,746,213 |

VILLAGE OF BENSENVILLE, ILLINOIS

Nonmajor Governmental Funds

Combining Balance Sheet
December 31, 2015

| | Special Revenue | | |
|---|---------------------------|---------------------|-----------|
| | Unincorporated Utility | Capital Projects | Totals |
| ASSETS | | | |
| Cash and Investments | \$ 1,025,077 | 4,481,596 | 5,506,673 |
| Receivables - Net of Allowances | - | 320,729 | 320,729 |
| Property Taxes | - | 34,995 | 35,740 |
| Accounts | 745 | | |
| Total Assets | 1,025,822 | 4,837,320 | 5,863,142 |
| LIABILITIES | | | |
| Accounts Payable | 26,824 | 238,412 | 265,236 |
| Advances from Other Funds | - | 1,500,584 | 1,500,584 |
| Other Payables | - | 19,887 | 19,887 |
| Total Liabilities | 26,824 | 1,758,883 | 1,785,707 |
| DEFERRED INFLOWS OF RESOURCES | | | |
| Property Taxes | - | 319,957 | 319,957 |
| Total Liabilities and Deferred Inflows of Resources | 26,824 | 2,078,840 | 2,105,664 |
| FUND BALANCES | | | |
| Restricted | - | 2,493,820 | 2,493,820 |
| Committed | 998,998 | - | 998,998 |
| Assigned | - | 1,046,364 | 1,046,364 |
| Unassigned | - | (781,704) | (781,704) |
| Total Fund Balances | 998,998 | 2,758,480 | 3,757,478 |
| Total Liabilities, Deferred Inflows of Resources and Fund Balances | 1,025,822 | 4,837,320 | 5,863,142 |

VILLAGE OF BENSENVILLE, ILLINOIS

Nonmajor Governmental Funds

Combining Statement of Revenues, Expenditures and Changes in Fund Balances
For the Fiscal Year Ended December 31, 2015

| | Special Revenue | | |
|--|---------------------------|---------------------|-----------|
| | Unincorporated Utility | Capital Projects | Totals |
| Revenues | | | |
| Taxes | \$ - | 1,279,628 | 1,279,628 |
| Charges for Services | 6,579 | - | 6,579 |
| Interest | - | 6,393 | 6,393 |
| Miscellaneous | - | 35,000 | 35,000 |
| Total Revenues | 6,579 | 1,321,021 | 1,327,600 |
| Expenditures | | | |
| Public Works | 46,127 | - | 46,127 |
| Community Development | - | 331,091 | 331,091 |
| Debt Service | | | |
| Principal Retirement | - | 822,765 | 822,765 |
| Interest and Fiscal Charges | - | 550,084 | 550,084 |
| Total Expenditures | 46,127 | 1,703,940 | 1,750,067 |
| Excess (Deficiency) of Revenues Over (Under) Expenditures | (39,548) | (382,919) | (422,467) |
| Other Financing Sources | | | |
| Transfers In | - | 500,090 | 500,090 |
| Net Change in Fund Balances | (39,548) | 117,171 | 77,623 |
| Fund Balances - Beginning | 1,038,546 | 2,641,309 | 3,679,855 |
| Fund Balances - Ending | 998,998 | 2,758,480 | 3,757,478 |

VILLAGE OF BENSENVILLE, ILLINOIS

Nonmajor Governmental Funds

Combining Balance Sheet
December 31, 2016

| | Special Revenue | | |
|---|---------------------------|---------------------|-----------|
| | Unincorporated Utility | Capital Projects | Totals |
| ASSETS | | | |
| Cash and Investments | \$ 919,941 | 4,668,660 | 5,588,601 |
| Receivables - Net of Allowances | | | |
| Property Taxes | - | 303,659 | 303,659 |
| Accounts | 431 | 34,995 | 35,426 |
| Total Assets | 920,372 | 5,007,314 | 5,927,686 |
| LIABILITIES | | | |
| Accounts Payable | - | 172,959 | 172,959 |
| Advances from Other Funds | - | 1,500,584 | 1,500,584 |
| Other Payables | - | 19,877 | 19,877 |
| Total Liabilities | - | 1,693,420 | 1,693,420 |
| DEFERRED INFLOWS OF RESOURCES | | | |
| Property Taxes | - | 303,659 | 303,659 |
| Total Liabilities and Deferred Inflows of Resources | - | 1,997,079 | 1,997,079 |
| FUND BALANCES | | | |
| Restricted | - | 2,650,423 | 2,650,423 |
| Committed | 920,372 | - | 920,372 |
| Assigned | - | 1,136,526 | 1,136,526 |
| Unassigned | - | (776,714) | (776,714) |
| Total Fund Balances | 920,372 | 3,010,235 | 3,930,607 |
| Total Liabilities, Deferred Inflows of Resources and Fund Balances | 920,372 | 5,007,314 | 5,927,686 |

VILLAGE OF BENSENVILLE, ILLINOIS

Nonmajor Governmental Funds

Combining Statement of Revenues, Expenditures and Changes in Fund Balances
For the Fiscal Year Ended December 31, 2016

| | Special Revenue | | |
|--|---------------------------|---------------------|-----------|
| | Unincorporated Utility | Capital Projects | Totals |
| Revenues | | | |
| Taxes | \$ - | 1,343,502 | 1,343,502 |
| Interest | - | 20,037 | 20,037 |
| Total Revenues | - | 1,363,539 | 1,363,539 |
| Expenditures | | | |
| Public Works | 78,626 | - | 78,626 |
| Community Development | - | 773,742 | 773,742 |
| Debt Service | | | |
| Principal Retirement | - | 909,177 | 909,177 |
| Interest and Fiscal Charges | - | 570,477 | 570,477 |
| Total Expenditures | 78,626 | 2,233,396 | 2,332,022 |
| Excess (Deficiency) of Revenues Over (Under) Expenditures | (78,626) | (889,857) | (968,483) |
| Other Financing Sources | | | |
| Debt Issuance | - | 570,612 | 570,612 |
| Transfers In | - | 571,000 | 571,000 |
| | - | 1,141,612 | 1,141,612 |
| Net Change in Fund Balances | (78,626) | 251,755 | 173,129 |
| Fund Balances - Beginning | 998,998 | 2,758,480 | 3,757,478 |
| Fund Balances - Ending | 920,372 | 3,010,235 | 3,930,607 |

VILLAGE OF BENSENVILLE, ILLINOIS
NONMAJOR GOVERNMENTAL FUNDS
COMBINING BALANCE SHEET
DECEMBER 31, 2017

| | Special Revenue | | |
|---|---------------------------|---------------------|---------------------|
| | Unincorporated Utility | Capital Projects | Totals |
| Assets | | | |
| Cash and investments | \$ 911,917 | \$ 8,727,458 | \$ 9,639,375 |
| Receivables - net of allowances | | | |
| Property taxes | 164 | 194,384 | 194,548 |
| Accounts | - | 45,883 | 45,883 |
| Total assets | <u>912,081</u> | <u>8,967,725</u> | <u>9,879,806</u> |
| Liabilities | | | |
| Accounts payable | - | 292,485 | 292,485 |
| Advances from other funds | - | 2,763,397 | 2,763,397 |
| Other payables | - | 19,922 | 19,922 |
| Total liabilities | <u>-</u> | <u>3,075,804</u> | <u>3,075,804</u> |
| Deferred Inflows of Resources | | | |
| Property taxes | - | 194,379 | 194,379 |
| Total liabilities and deferred inflows of resources | <u>-</u> | <u>3,270,183</u> | <u>3,270,183</u> |
| Fund Balances | | | |
| Restricted | - | 5,906,825 | 5,906,825 |
| Committed | 912,081 | - | 912,081 |
| Assigned | - | 1,016,190 | 1,016,190 |
| Unassigned | - | (1,225,478) | (1,225,478) |
| Total fund balances | <u>912,081</u> | <u>5,697,542</u> | <u>6,609,623</u> |
| Total liabilities, deferred inflows of resources and fund balances | <u>\$ 912,081</u> | <u>\$ 8,967,725</u> | <u>\$ 9,879,806</u> |

VILLAGE OF BENSENVILLE, ILLINOIS
NONMAJOR GOVERNMENTAL FUNDS
COMBINING STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES
FOR THE YEAR ENDED DECEMBER 31, 2017

| | Special Revenue | | |
|--|---------------------------|---------------------|---------------------|
| | Unincorporated Utility | Capital Projects | Totals |
| Revenue | | | |
| Taxes | \$ - | \$ 2,884,289 | \$ 2,884,289 |
| Interest | - | 87,334 | 87,334 |
| Total revenues | <u>-</u> | <u>2,971,623</u> | <u>2,971,623</u> |
| Expenditures | | | |
| Public works | 8,291 | - | 8,291 |
| Community development | - | 685,251 | 685,251 |
| Debt services | | | |
| Principal retirement | - | 1,231,428 | 1,231,428 |
| Interest and fiscal charges | - | 1,737,438 | 1,737,438 |
| Total expenditures | <u>8,291</u> | <u>3,654,117</u> | <u>3,662,408</u> |
| Excess (Deficiency) of Revenues Over (Under) Expenditures | <u>(8,291)</u> | <u>(682,494)</u> | <u>(690,785)</u> |
| Other Financing Sources (Uses) | | | |
| Debt issuance | - | 9,945,000 | 9,945,000 |
| Bond discount | - | (67,129) | (67,129) |
| Payment to escrow agent | - | (9,787,091) | (9,787,091) |
| Transfers in | - | 350,000 | 350,000 |
| Transfers out | - | (190,000) | (190,000) |
| Total other financing sources (uses) | <u>-</u> | <u>250,780</u> | <u>250,780</u> |
| Net Change in Fund Balances | <u>(8,291)</u> | <u>(431,714)</u> | <u>(440,005)</u> |
| Fund Balances - Beginning | <u>920,372</u> | <u>6,129,256</u> | <u>7,049,628</u> |
| Fund Balances - Ending | <u>\$ 912,081</u> | <u>\$ 5,697,542</u> | <u>\$ 6,609,623</u> |