

VILLAGE PRESIDENT
Seth Speiser

VILLAGE CLERK
Jerry Menard

VILLAGE TRUSTEES
Mathew Trout
Dean Pruett
Lisa Meehling
Ray Matchett, Jr.
Mike Blaies
Denise Albers

VILLAGE OF FREEBURG

FREEBURG MUNICIPAL CENTER
14 SOUTHGATE CENTER, FREEBURG, IL 62243
PHONE: (618) 539-5545 • FAX: (618) 539-5590
Web Site: www.freeburg.com

VILLAGE ADMINISTRATOR
Tony Funderburg

VILLAGE TREASURER
Bryan A. Vogel

PUBLIC WORKS DIRECTOR
John Tolan

POLICE CHIEF
Stanley Donald

VILLAGE ATTORNEY
Weilmuenster & Keck, P.C.

December 8, 2016

NOTICE

MEETING OF THE PUBLIC WORKS COMMITTEE Trash/Water/Sewer (Pruett/Albers/Blaies/Matchett)

A Public Works Committee Meeting of the Village of Freeburg will be held at the Municipal Center, Executive Board Room, on **Wednesday, December 14, 2016, at 5:45 p.m.**

PUBLIC WORKS COMMITTEE MEETING AGENDA

- I. Items To Be Reviewed
 - A. Old Business
 1. Approval of November 16, 2016 Minutes
 2. Sewer Project
 3. Sewer issues/Sewer Fuel Odors
 4. FSH Minutes
 5. Radio Read Meters
 6. New Water Lines
 7. Water Sample Results/Lead and Copper Testing at 410 S. Monroe, 105 S. Alton, Grade School
 8. Sewer Main – Jack’s Car Wash
 9. Freeburg Care Center
 10. Shampoodles Lift Station Upgrade
 - B. New Business
 1. New Sewer Rate
 - C. General Concerns
 - D. Public Participation
 - E. Adjourn

At said Committee Meeting, the Village Board of Trustees may vote on whether or not to hold an Executive Session to discuss potential litigation, [5 ILCS, 120/2 - (c)(11)]; the selection of a person to fill a public office [5 ILCS, 120/2 - (c) (3)] personnel [5 ILCS, 120/2 - (c) (1)]; or real estate transactions [5 ILCS, 120/2 - (c) (5)].

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PUBLIC WORKS COMMITTEE MEETING
Trash/Water/Sewer
(Pruett/Albers/Blaies/Matchett)

Wednesday, November 16, 2016 at 5:45 p.m.

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The Public Works Committee Meeting was called to order at 5:50 p.m. on Wednesday, November 16, 2016, by Chairman Dean Pruett. Members present were Chairman Dean Pruett, Trustee Denise Albers, Trustee Mike Blaies, Trustee Ray Matchett, Mayor Seth Speiser, Village Clerk Jerry Menard, Trustee Lisa Meehling, Trustee Matt Trout, Public Works Director John Tolan, Village Administrator Tony Funderburg and Office Manager Julie Polson. Guests present: Janet Baechle and Stan Koerber.

A. OLD BUSINESS:

1. Approval of October 12, 2016 minutes: Trustee Mike Blaies motioned to approve the October 12, 2016 minutes and Trustee Ray Matchett seconded the motion. All voting yea, the motion carried.
2. Sewer project: Public Works Director John Tolan called Haier, and it looks like they will start the project mid-December. Administrator Funderburg advised he met with Tim Pruett last Thursday and discussed the project. Both Tony and John will stay in frequent communication with Rhutasel and Haier.
3. Sewer Issues/Sewer Fuel Odors: John stated they televised and cleaned the sewer behind Jack's Car Wash and in front of Lucky Joes. Since that time, we haven't noticed any fuel smell/odor. It has been checked quite often and haven't noticed anything. Speaking of Jack's, the sewer behind there is in bad shape. John said it needs to be lined as well as the manhole. That line runs down the alley to the bank, and is at least 8 feet deep. There is money in the budget and will be done shortly.
4. FSH Minutes: John said there was little discussed. They are waiting on Haier for their project.
5. Radio Read Meters: John received an email from Midwest Meter advising the meters have been ordered and are waiting to be shipped.
6. New Water Lines: Tony provided Reyling Design's proposal to design waterline extensions for Apple Street, Schiermeier Road and Peabody Road. Tony advised all but the last one need to be done soon. These projects would provide better water quality and more water customers. Peabody Road wouldn't be done for 2-3 years. This is a new company, and the owner is from Smithton. Tony would like to start with two small projects and go from there. He advised he has had those conversations with Rhutasel and TWM about the Village using other companies.

Trustee Ray Matchett motioned to recommend to the full Board for approval Reyling Design & Consulting's Proposal for the Apple Street Extension not to exceed

Water/Sewer Committee Meeting
Wednesday, November 16, 2016
Page 1 of 3

\$7,930; Apple Street Extension Additional Tie-In not to exceed \$4090 and Schiermeier Road Extension not to exceed \$9730 and Trustee Mike Blaies seconded the motion. All voting yea, the motion carried.

7. Tracer Wire for New Service Line Installs: Tony advised the current code under Installing and Maintaining Service Lines to include paragraph (C) in 38-3-7 where we are requiring a 12 gauge tracer wire going from meter pit or come 12 inches above the ground where the clean out is. The code was also revised under 38-4-8, Authority for Making and Repairing Sewer Connections, to add paragraph (C). He talked to a lot of neighboring communities and they do this as well.

Trustee Ray Matchett motioned to recommend to the full Board the tracer wire connections be added under Sections 38-4-8(C) and 38-3-7(C) for approval and Trustee Denise Albers seconded the motion. All voting yea, the motion carried.

8. Water Sample Results/Lead and Copper Testing: John offered to help the grade school since the office and the girls locker room came back with high levels of lead and copper. We will put them on an alert not to use for drinking water and will re-sample. If the samples come back still high, fixtures/filters will have to be changed. We took 72 samples, 8 were over the limit. We also tested 410 N. Monroe and 105 S. Alton, and the limits came back very low on both. We are collecting thm samples today for the November sampling round.
9. Sewer Main – Jacks Car Wash: Discussed under #2.
10. SAVE Standpipe Leaks: We had about six leaks which have been repaired, and we are back in business.

B. NEW BUSINESS:

1. Freeburg Care Center: John said Freeburg Care Center has an issue with their fire suppression system. It was tested and found that it cannot deliver water quickly enough from the front to the back of the building to satisfy state regulations. The current line is an old six-inch line that that was tapped from a line in the field instead of the front of the nursing home. John confirmed he has been wanting to get them better water for quite a while. The plan will be to tap the line from the water tower, set a new meter and hydrant. They are responsible for their plumbing. We will be working on this in December.
2. JULIE 2017 Annual Member Contribution: John advised this is our notice for next year's fees.
3. Shampoodles' Lift Station Upgrade: John advised we ned a larger pump to handle this lift station. He would like to get one similar to the ones installed at the pool and Pitts Street lif stations that have a 3-phase motor. He has asked Vandeventer for a proposal and will bring it to next month's meeting.
4. Rhutasel Pay Request: Tony advised this pay request contains two amounts. The larger amount is the money due to Haier Plumbing in the amount of \$206,389 for

construction. The other amount due is \$13,141 in engineering for Rhutasel. There are two change orders that were not included in the packet. The first one is to set a new end time, and the second one pertains to the part of the sewer project where it went deeper into the ground, and a thicker pipe was used. Trustee Meehling asked if either change order could involve fees and Tony said change order #2 would. He confirmed Rhutasel's bill is not anything additional money incurred. It was a service provided and not from additional stuff that happened.

Trustee Mike Blaies motioned to recommend to the full Board Contractor Haier Plumbing's Pay Request #1 in the amount of \$206,389.90 for approval and Trustee Denise Albers seconded the motion. All voting yea, the motion carried.

John advised he is working to get the sewer in Dollar Tree, and Shane working on the electric.

C. GENERAL CONCERNS: None.

D. PUBLIC PARTICIPATION: None.

E. ADJOURN: *Trustee Ray Matchett motioned to adjourn the meeting at 6:24 p.m. and Trustee Denise Albers seconded the motion. All voting aye, the motion carried.*



Julie Polson,
Office Manager

(E) The **adequacy of the sewer service charge** shall be reviewed, not less often than annually, by Certified Public Accountants for the Village in their annual audit report. The sewer service charge shall be revised periodically to reflect a change in operation and maintenance costs, replacement costs and reserve fund costs.

(F) The **capital improvement charge** is levied on users to provide for capital improvements, extensions or reconstruction of the sewage treatment works. The capital improvement charge is computed by apportioning the annual amount to be accrued as a charge per 1,000 gallons.

(G) The **users** of sewer treatment services will be notified annually, in conjunction with a regular bill, of the rate and that portion of the user charges which are attributable to the sewer treatment operation, maintenance and replacement.

38-4-78 MEASUREMENT OF FLOW. The volume of flow used for computing basic user charges and surcharges shall be the metered water consumption read to the lowest even increments of **one thousand (1,000) gallons**.

(A) If the person discharging wastes into the public sewer procures any part, or all, of his water from sources other than the Public Waterworks System, all or a part of which is discharged into the public sewer, the person shall install and maintain, at his expense, water meters of a type approved by the Village for the purpose of determining the volume of water obtained from these other sources.

(B) Devices for measuring the volume of waste discharged may be required by the Approving Authority if these volumes cannot otherwise be determined from the metered water consumption records.

(C) Metering devices for determining the volume of waste shall be installed, and maintained by the person and owned by the Village. Following approval and installation, such meters may not be removed, unless service is canceled, without the consent of the Village.

38-4-79 USER CHARGE SYSTEM. The following rates are established for the User Charge system:

(A) **Basic User Charge.** There shall be and there is hereby established a basic user charge of \$_____ per **1,000** gallons of metered water consumption to be applied to all users to recover O, M & R costs.

~~(B) **Debt Service Charge.** There shall be and there is hereby established a debt service charge of \$_____ per **1,000** gallons to each user of the sewer facility.~~

(C) **Rates.** A minimum charge of \$_____ **per month** shall be applied to all users whose water consumption does not exceed **2,000 gallons** per month. This minimum charge includes \$_____ for operations, maintenance and replacement costs, \$_____ for debt service costs, and \$_____ for administrative costs. Usage in excess of **2,000** gallons per month shall be charged \$_____ per **1,000 gallons**.

(D) **Summary of Sewer Charge.**

(1) **Rate for Inside Village.**

First 1,000 gallons \$9.17 MINIMUM PER MONTH
Over 1,000 gallons \$4.40 per 1,000 gallons

(2) **Rate for Outside Village.**

First 1,000 gallons \$11.46 MINIMUM PER MONTH
Over 1,000 gallons \$4.40 per 1,000 gallons

(Ord. No. 1330; 09-08-09)



← Bill in

(E) It is made the duty of the Village Office Manager to render bills for such service and all other charges in connection therewith and to collect all moneys due thereon.

(F) The Village shall notify users of the wastewater treatment system annually in conjunction with a regular bill of the rate and that portion of the user charges which are attributable to the wastewater operation, maintenance, and replacement as specified in this Section.

38-4-80 **COMPUTATION OF WASTEWATER SERVICE CHARGE.** The sewer service charge shall be computed by the following formula:

$$CW = CC + CD + CM + (Vu-X)CU + CS$$

Where	CW	=	Amount of waste service charge (\$) per bill period.
	CC	=	Capital Improvement Charge
	CD	=	Debt Service Charge.
	CM	=	Minimum Charge for Operation, Maintenance and Replacement.
	Vu	=	Sewer Volume for the billing period.
	X	=	Allowable consumption in gallons for the minimum charge.
	CU	=	Basic User Rate for Operation, Maintenance and Replacement.
	CS	=	Surcharge, if applicable. (Section 38-4-81).

38-4-81 **SURCHARGE RATE.** The rates of surcharges for BOD and SS shall be as follows:

per lb. of BOD:	<u>\$0.26</u> in excess of 200 mg/l
per lb. of SS:	<u>\$0.39</u> in excess of 225 mg/l

38-4-82 **APPLICATION FOR SEWER CONNECTIONS.**

(A) Sewer connections to the sanitary sewer mains or laterals of the village located within the village shall be made by application filed with the Office Manager as provided in **Section 38-4-83** and accepted by the Director or his authorized representative in writing. The applicant for such sewer connection shall pay all costs of labor and materials for installing the sewer connection, and installation may be made only after the issuance by the Director of a permit authorizing the sewer connection and specifying the size, grade, and material thereof. The sewer connection shall impose liability for a monthly wastewater service charge to be initially billed the owner, applicant, or resident of the property connected to the sewer system. The permit fee for such sewer connection shall be as follows:

<i>Type of Connection</i>	<i>Inside Fee</i>	<i>Outside Fee</i>
Residential connection	\$750 per unit	\$1,500 per unit
Commercial or industrial connections	\$750 per unit	\$1,500 per unit
Apartments	\$750 per unit	\$1,500 per unit

Estimates of probable cost

Table 3 indicates the estimate of probable cost for the proposed new West WWTF.

Financing

It is proposed the project be financed with a loan from the IEPA low interest revolving loan program. The Village has used this funding source on several previous projects and is very familiar with the procedure and rules of the program.

Based on the debt service for financing the project it will be necessary for the Village to increase their sewer use rates to cover the cost. Table No. 4 provides a proposed revenue source demonstration following the project. Table No. 5 illustrates a proposed system budget before and following completion of the project.

A proposed schedule for rate increases that would meet the projected financial needs of the system are as follows:

	<u>PRESENT</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>
(a) Minimum charge in Village Limits for usage up to 1,000 gal:	\$9.17	\$10.00	\$12.50	\$15.00
(b) Minimum charge outside Village Limits usage up to 1,000 gal:	\$11.46	\$12.50	\$15.00	\$17.50
(c) Charges per user per 1,000 gallons of metered water In excess of 1,000 gallons allowed under minimum charge:	\$4.40	\$5.20	\$7.70	\$10.20

PROPOSED ORDINANCE

AN ORDINANCE AMENDING SEWER RATES

BE IT ORDAINED BY THE VILLAGE PRESIDENT AND VILLAGE BOARD OF TRUSTEES OF THE VILLAGE OF FREEBURG, ST. CLAIR COUNTY, ILLINOIS, THAT:

WHEREAS, the Village Board desires to effect changes to its existing Code Section listed below.

Section 1. Appendix B, of Section IV as referenced in the TITLE V PUBLIC WORKS, CHAPTER 53.105, is hereby amended to read as follows:

Sewer Service rates shall be as follows:

Rates effective for bills due _____ and thereafter

- | | | |
|-----|---|----------|
| (a) | Minimum charge in Village Limits for usage up to 1,000 gal.: | \$ 10.00 |
| (b) | Minimum charge outside Village Limits usage up to 1,000 gal.: | \$12.50 |
| (c) | Charges per user per 1,000 gallons of metered water in
in excess of 1,000 gallons allowed under minimum charge : | \$5.20 |

Section 3. This Ordinance shall be in full force and effect immediately after its passage, approval, and recordation according to law.

Every person whose premises are served by the authority will be charged for the sewer services provided through a facility charge and service charges.

Facility charges are directed at wastewater plant and collection facility hardware. Service charges are directed at a basic charge based on the water meter readings, or if available, a discharge metering device approved by the authority, and said basic charges shall be as follows and are levied to defray the cost of operation and maintenance and replacement of the treatment works:

Sewer Rates inside City

- (a) Facility charge.
 - i. FY 16-17. The total facility charge rate shall be \$16.56 per month.
- (b) Service charge.
 - i. FY 16-17. The service charge shall be \$6.00 per 1,000 gallons metered.
 - ii. Service charges shall be for operation, maintenance, replacement costs, and may be used for debt service recovery.
- (c) Sewer service outside the city. All charges for use of sewer connections where water is supplied thereto by the authority subject to the special provisions herein shall be as follows:
 - a. A facility charge for users outside of the city shall be:
 - i. \$33.11 per month in FY 16-17.
 - ii. This rate shall apply as a facility charge so long as the sewer connection is in service and regardless [of] whether or not water is used during said period, and which facility charge shall entitle the user to continue use.
 - b. Service charges shall be at the rate of:
 - i. \$11.99 in FY 16-17 plus a surcharge of the same amount per 1,000 gallons of water metered.
 - c. The rate in subsection (b) above shall apply to the amount of water passing through the water meter except when an approved discharge metering system is utilized. In this case the rate shall apply to that water discharged to the system.
 - d. When the user (outside the city) does not receive water provided by the city, provisions for accurate sewer metering will be required.

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(Ord. No. 03-119, 11-3-03; Ord. No. 06-07, § 1, 5-22-06; Ord. No. 10-11, § 1, 7-6-10; Ord. No. 11-06, § 1, 5-16-11, eff. 5-1-11; Ord. No. 12-08, § 1, 4-16-12, eff. 5-1-12; Ord. No. 13-06, § 1, 5-6-13, eff. 5-1-13; Ord. No. 14-04, § 1, 4-7-14; Ord. No. 15-10, § 1, 4-20-15; Ord. No. 16-08, § 1, 4-18-16)