# LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 1 of 19

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Witness: Linda C. Bridwell

1. How many different counties comprise the Central Division?

# **Response**:

Seven.

For electronic version, refer to KAW\_R\_LFCDR2#1\_071607.pdf

# LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 2 of 19

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# Witness: Nick Rowe/Michael Miller

2. Please provide a general estimate of the percentage of customers in the Central Division who are located in Fayette County.

### **Response:**

94%.

For electronic version, refer to KAW\_R\_LFCDR2#2\_071607.pdf

# LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 3 of 19

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### Witness: Linda C. Bridwell

3. See Response to LFUCG Initial Request for Information No. 6. Are any of the "Housing Authority" accounts included in the number of accounts billed to LFUCG? If so, please identify all such accounts and the basis for billing these accounts to LFUCG.

# **Response:**

No.

For electronic version, refer to KAW\_R\_LFCDR2#3\_071607

## LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 4 of 19

#### Witness: Linda C. Bridwell

- 4. See Responses to LFUCG Initial Request for Information Nos. 6 and 7. On a going-forward basis, is KAWC willing to provide LFUCG a summary of the number and types of fire hydrants for which it is being billed with each billing? If not, why not?
  - a. Are fire hydrants pro-rated on the bills as they are added into the system, or is the customer billed for the entire month of use regardless of when the hydrant is added to the system? If it is not pro-rated, please explain why the customer should bear the cost of a hydrant that was not in service for that portion of time.
  - b. With respect to billing for fire hydrants only, other than the addition or subtraction of hydrants, what basis or explanations exist (if any) for a variance in the amount of each bill?

#### **Response:**

KAWC is willing to provide LFUCG with a summary of the number and types of fire hydrants for which the LFUCG is being billed. In the event that LFUCG desires to pursue this effort, KAWC will appoint a liaison for this work and would ask that LFUCG also appoint a liaison in order to develop a useful reporting format from existing data and to handle questions as they might arise in the future.

- a. Fire hydrants are pro-rated on the bills as they are added to or removed from the system based on the date of installation or removal.
- b. Billing cycle changes, taxes or other assessments and rate changes are among other possible explanations for variances.

For electronic version, refer to KAW\_R\_LFCDR2#4\_071607.pdf

# LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 5 of 19

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Witness: Michael A. Miller

5. See Response to LFUCG Initial Request for Information No. 8(b). Please list all of the tariffs applicable to the use or consumption of water in Fayette County for which KAWC is not currently paying a franchise fee.

### **Response:**

Activation fee and tap fee.

For electronic version, refer to KAW\_R\_LFCDR2#5\_071607.pdf

## LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 6 of 19

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#### Witness: Linda C. Bridwell

6. See Response to LFUCG Initial Request for Information No. 11. With respect to privately owned fire hydrants, who bears the cost of any necessary extension to the main, the customer requesting the service or KAWC? Is this answer dependent upon any other factors, such as where the main is located, or whether the main could serve other existing or future customers? Please explain.

### **Response:**

The customer requesting the service. This answer does not vary, as privately-owned hydrants are located on privately-owned mains and are only allowed a connection to serve a single customer.

For electronic version, refer to KAW\_R\_LFCDR2#6\_071607

# LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 7 of 19

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#### Witness: Linda C. Bridwell

7. See Response to LFUCG Initial Request for Information No. 11. Are the 6,359 public hydrants in Fayette County all billed to LFUCG, or are there other persons or entities to which some of these hydrants are billed? If the answer is no, please list the number and location of the hydrants that are not billed to LFUCG, as well as the persons or entities to whom they are billed.

### **Response**:

Yes.

For electronic version, refer to KAW\_R\_LFCDR2#7\_071607

# LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 8 of 19

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#### Witness: Linda C. Bridwell

8. See Response to LFUCG Initial Request for Information No. 11. How many of the 370 private hydrants are billed to LFUCG, and where are they located? What is the basis for these hydrants to be categorized as "private", and not "public"?

#### **Response:**

There are 16 hydrants.

The hydrants are listed as private on our maps and thus included in the 370 count previously provided because they are attached to private mains, however, in reviewing the billing records, they are billed to the LFUCG under the public rate. 2 are located on Cisco Road at the Treatment Facility, 1 is on Parkway Drive at Picadome Golf Course, and 4 are at the LFUCG Detention Facility on Old Frankfort Pike. A reconciliation of our maps to our billing records, which has not been done, will be necessary to correctly identify the location of the remaining hydrants.

For electronic version, refer to KAW\_R\_LFCDR2#8\_071607.pdf

## LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 9 of 19

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#### Witness: Linda C. Bridwell

- 9. See Responses to LFUCG Initial Request for Information Nos. 12 and 14. What persons or entities (other than LFUCG) in the Central Division are billed for public hydrants?
- a. Is the explanation for the difference between the 6,995 public hydrants and the 6,359 public hydrants the 252 other public hydrants in the Central Division plus public fire hydrants located in other divisions? If not, please explain.

#### **Response:**

Clark County Fiscal Court, Bourbon County Fiscal Court, City of Sadieville, City of Georgetown, Scott County Fiscal Court, and Woodford County Fiscal Court. Additionally, a number of private or privately owned hydrants are billed at the public rate to the LFUCG Housing Authority, the LFUCG Airport Board, the University of Kentucky, Eastern State Hospital, and each school district.

a. No, not entirely. There are 76 public hydrants in the Northern Division, approximately 65 public hydrants in Fayette County that are billed to the LFUCG but have not been included on our maps yet and thus not in the count of 6,359, and approximately 243 private or privately owned hydrants on the maps that are billed at the public tariff as described above.

For electronic version, refer to KAW\_R\_LFCDR2#9\_071607.pdf

## LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 10 of 19

#### Witness: Linda C. Bridwell

- 10. Please provide the current standards or guidelines used to paint fire hydrants and indicate when all fire hydrants in Fayette County will be in compliance with such standards or guidelines.
  - a. Is the painting of hydrants done in conjunction with the testing of each hydrant?
  - b. If the answer to the above question is "no", what information is being relied upon by KAWC in making a determination as to what color(s) should be used to paint each hydrant?

#### **Response:**

The NFPA 291, Chapter 3/Standard Color Codes are used as the standard for painting fire hydrants. All Fayette County public and private hydrants will be painted by January 1, 2009, unless weather or other unforeseen circumstances prevent completion.

- a. No.
- b. Information from the most recent inspection is used to determine the appropriate color.

For electronic version, refer to KAW\_R\_LFCDR2#10\_071607

## LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 11 of 19

#### Witness: Linda C. Bridwell

- 11. Is KAWC familiar with NFPA 25 "Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems", which provides that all hydrants should be flow tested on at least an annual basis?
  - a. Is KAWC willing to begin flow testing all existing public and private fire hydrants on an annual basis beginning January 1, 2008? If not, why not?

### **Response**:

Yes.

a. KAW is willing to flow test annually; however, KAW believes it meets the intent of the recommendation in that it not only inspects each hydrant annually, but also flows each hydrant annually during its flushing program, while recording specific flow test information every two years.

For electronic version, refer to KAW\_R\_LFCDR2#11\_071607

## LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 12 of 19

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Witness: Linda C. Bridwell

12. See Response to LFUCG Initial Request for Information No. 20. On a going-forward basis, is KAWC willing to provide LFUCG's Division of Fire and Emergency Services the information related to the inspection and testing of each fire hydrant within 30 days of said inspection or testing, or in the alternative, is KAWC willing to provide a monthly update with respect to all hydrants inspected or tested during that time period? If the answer is no, please explain in detail why KAWC is not willing to provide such information.

### **Response**:

Yes.

For electronic version, refer to KAW\_R\_LFCDR2#12\_071607

## LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 13 of 19

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#### Witness: Linda C. Bridwell

- 13. See Response to LFUCG Initial Request for Information No. 23. Does LFUCG still pay for public fire hydrants that flow less than 500 gpm?
  - a. If the answer is yes, then assuming *arguendo*, that such hydrants are of no use to the LFUCG's Division of Fire and Emergency Services for use in firefighting, why should it continue to pay for such hydrants?
  - b. How many such hydrants are known by KAWC to exist in Fayette County and where are there locations?
  - c. On a going-forward basis, is KAWC willing to timely contact the LFUCG's Division of Fire and Emergency Services as any such hydrants are identified, and meet to determine whether the hydrant should be either taken out of service and/or no longer billed to LFUCG?

#### **Response:**

Yes.

- a. The assumption is incorrect. A hydrant flowing only 500 gpm or less can be used for fire fighting purposes either solely or in conjunction with other hydrants, utilizing a pumper truck and collapsible hose. Hydrants are provided at the request of the LFUCG and can be removed at their request. If the LFUCG determines it does not wish to pay for a hydrant because of a low flow, KAW would decide if the hydrant is necessary for flushing purposes or removed.
- b. In 1994, KAW did an extensive analysis and identified 80 hydrants in Fayette County that flowed less than 500 gpm. Following that analysis, 5 were removed in consultation with the LFUCG Fire Department. A number were also upgraded following system improvements. The original list is attached. KAW has not updated the list with the changes in hydrant flows. KAW is in the process of including hydrant flows in an electronic database, and with approximately half the hydrants included, also attached is the incomplete listing.
- c. KAW believes this will be accomplished through providing the hydrant flow data, as requested in this case, on an ongoing basis.

For electronic version of this document, refer to KAW\_R\_LFCDR2#19\_071607

#### 07/10/07

	Hydrant		Map No	E	Route	1
). 	No.	Location	N	99	40	No.
1		Second (Saunier & Bruce)	198	106	40	230
2		Limestone (3rd and 4th)	198	106	40	440
3		Limestone (4th and 5th)	198	106	40	450
4	115	Kennilworth Park	198	106	40	160
5	121	Limestone (6th & 5th)	198	106	40	490
6	124	Limestone (6th & 7th)	198	106	40	500
7	280	Fayette Park	198	99	35	145
8		Georgetown, btwn Oak & Hickory	203	106	40	405
9		Sixth & Upper	198	106	40	50
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10		Chestnut (5th & 6th)	198	106	40	890
11		Headley (6th & Delcamp)	203	99	30	98
12		Spring (combs & Pine)	198	106	40	535
13	349	228 Campsie Pl	198	106	50	85
14	352	Nelson Ave. at 3rd St	198	106	40	25
15	360	Alabama	198	106	50	710
16	377	Wilgus Ave.	198	106	40	65
17		Ohio (6th & 7th)	198	106	20	87
18		Mentelle Park, middle of the block	193	99	30	54
_						
19		KTHBA	193	106	40	65
20		437 Bourbon Ave	198	99	30	18
21	486	Private Road at Red Mile	193	99	30	64
22	487	KTHBA	193	99	10	65
23	492	Colmbia, near Dixie Court	193	106	40	70
24		Dakota, N. of 7th Street	203	99	40	53
_		Hampton Court				
25			198	99	35	20
26		Main (Price Rd. & Calvary Cemetery)	203	99	40	49
27	533	Bruce Street	198	106	20	24
28	570	11 Mentelle Park	193	106	20	54
29	571	43 Mentelle Park	193	99	30	55
30		Scott St., btwn Broadway & Railroad	193	106	40	49
31					40	10
_		Davidson Court	203	106		
32		630 Bellaire Ave	203	106	40	4
33	621	Ballaire @ end of street	203	99	30	5
34	628	Virginia Ave	193	106	40	71
35		Florida, N. of 7th Street	203	106	55	54
36		Devonia Ave	203	106	40	48
37		Price @ end of street	203	99	30	5
_						
38		Maxwelton & Bonniebray	193	106	40	74
39		Kenilworth	198	99	10	16
40	660	124 Warren Ct	193	99	10	39
41	667	Clifton - Pennsylvania Ct.	193	99	10	72
42	688	Dixie Court	193	99	30	70
43		Bucoto Court	193	99	10	63
44		120 Bassett Ct.	198	106	40	40
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45		Price Ave. W. of 7th Street	203	99	30	6
46		Spiegel St	198	106	50	40
47	789	Delaware, near 3rd St.	193	106	55	56
48	882	Castlewood (Highland & Maple)	198	106	20	34
49	2801	35 Richmond Road	193	106	20	52
50		Richmond Road	193	92	15	52
51		Venice Drive	188	148	100	3
52		Winchester Rd., btwn Haley Pk. & Eas	188	155	100	44
53	3566	Rivieria Rd. & combs Ferry Rd	188	155	100	54
54	3567	Lasomme Dr. Rivieria Rd.	188	92	35	49
55		Dan Patch & Adios Dr.	228	120	60	17
56		Huffman Mill Rd Samuel La.	228	113	60	24
57		Huffman Mill Road	228	92	35	46
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58		Adios & Adios Ct	228	99	35	17
59		Leestown Pk	203	99	30	49
60	4137	Maxwelton Court	193	141	110	73
61	4141	Richmond Rd. @ McCalls Mill Rd	148	155	100	22
62		Willow Lane & Haley Pike	198	141	100	39
63		Royster Road - Utering Lane	193	148	100	38
64		Maria Drive	193	148	100	
						39
65		Eastpoint Dr. & Longford Ct	193	148	100	45
66		Eastpoint Dr. @ Whitemark	193	148	100	45
67	4633	Eastpoint Dr	193	155	100	45
68	4634	Winchester Road	188	155	100	47
69		Winchester Rd	188	141	110	48
70		Todds Rd. @ Pricetown				
_			178	141	110	13
71		Cleveland Road - Centerville Lane	173	148	110	14
72		Sulphur Well - Cleveland Road	173	141	100	14
73	4731	Royster Road - Columbus Lane	193	141	110	38
74		Cleveland Road @ fire Station 18	153	134	125	22
75		Todds Station	178	134	125	16
_						
76		Todds Station	178	134	125	16
	5168	Todds Station	178	134	125	16
77			178	134	125	1655b
78		Todds Station		104		
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ROUTE_NO	040-5300	007-3525	100-4900	040-4250	035-5700	035-1740	100-3950	100-3815	110-2225	007-2942	040-5350	040-2050	030-7100	030-6366	110-2260	005-1650	005-1550	055-3400
IR_REF	SCL	WCL	COR	NCL	NCL	SCL	CTR LN	CTR LN	CTR LN	SCL	NCL	NCL	ECL	ECL	CTR LN	NCL	NCL	ECL
IR_DIST IR_DIR	200 S	461 W	SW	200 N	400 N	35 S	30.06 E	23 S	166 N	512.06 S	428 N	401 N	37 E	500 E	1846 S	48 N	38 N	288 E
IR_STREET	WEST SEVENTH ST	GALAXIE DR	LASOME DR	WEST SIXTH ST	WEST THIRD ST	ADIOS DR	HALEY PK	COLUMBIATOWN LN	RICHMOND RD	OLD MOUNT TABOR RD	WEST SEVENTH ST	WEST THIRD ST	EXPORT AVE	SOUTH BROADWAY	DRIVE @ 8190	RICHMOND RD	COBURN BLVD	MAPLE ST
HYDRANT Route TimeStamp PR_STREET	15-Mar-07 ELSMERE PARK	20-Mar-07 TURKEY FOOT RD	15-Mar-07 RIVIERA DR	15-Mar-07 ELSMERE PARK	15-Mar-07 HENRY ST	15-Mar-07 ADIOS CT	100 15-Mar-07 WILLOW LN	15-Mar-07 ROYSTER RD	15-Mar-07 CLEVELAND PIKE	20-Mar-07 TABOR OAK LANE	15-Mar-07 DAKOTA ST	15-Mar-07 HEMPTON CT	15-Mar-07 VIRGINIA AVE	15-Mar-07 BUCOTO CT	15-Mar-07 ELK LICK FALLS RD	20-Mar-07 IDLE HOUR DR	20-Mar-07 ST MARGARET	15-Mar-07 CASTLEWOOD DR
ute Tin	40 1	7 2	100	40 1	35 1	35 1	100	100	110 1	7 2	40 1	40 1	30 1	30 1	110 1	5	5	55 1
ANT Ro																		
HYDR.	278C	3316C	3567C	359C	380C	3962C	4460C	4731C	4776C	4968C	499C	517C	628C	694C	767P	845C	850C	882C
Color	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED

# LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 14 of 19

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#### Witness: Linda C. Bridwell

14. See Response to LFUCG Initial Request for Information No. 25. Please list all such properties for which KAWC has shut off service and ceased billing.

### **Response:**

We have reviewed the record for private fire services dating back to October 2003 (the date of conversion to our current customer service software) and can find no such actions for that time period.

For electronic version, refer to KAW\_R\_LFCDR2#14\_071607.pdf

# LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 15 of 19

#### Witness: Michael Miller/Paul Herbert

- 15. See Response to LFUCG Initial Request for Information No. 41 and Revised Exhibit No. 37. What is the impact of the corrections on the proposed rate increase to the public fire service class? Please provide any other updates or changes related to these corrections, including but not limited to any updates to Exhibit No. 36.
  - a. Does KAWC agree that the additional revenues from public fire hydrants should serve to lessen the amount of revenue required from the public fire service class by that same amount? If not, why not?

#### **Response:**

The Company has filed an amendment to its Exhibit 37 to reflect a number of errors in the original filing, including a correction to going-level revenues to reflect the proper public and private fire service revenue for the forecasted test-year. The revised Exhibit 37 lowered the overall revenue requirement deficiency from \$13.188 million to \$11.005 million with the overall increase to tariff customers now being 22.2% versus the 26.9% in the original filing. The revenue increase of public fire is now \$272,466 or 12.0% versus the \$529,333 or 27.0% in the original filings

a. No. As explained above, the changes in the overall revenue requirement and level of rate increase as reflected in the revised Exhibit 37 are then spread to the various customer classifications in accordance with the recommendations contained in the cost of service study. The changes to the Company's filing reduce the impact to the public fire service classification but not at the same level as the additional going-level revenue included in the revised filing.

For electronic version, refer to KAW\_R\_LFCDR2#15\_071607.pdf

## LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 16 of 19

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#### Witness: Michael Miller/Paul Herbert

- 16. Is KAWC still seeking a 26.992% increase with respect to the public fire service class?
  - a. If so, what will be the actual percentage of cost that will be borne by the public fire service class, and what is the amount of this cost that will exceed the 4% recommendation of the cost of service study?
  - b. If KAWC is recommending that the public fire service class bear any additional costs exceeding the 4% in its cost of service study, has it considered at all that the majority of these costs will be borne by a single customer?

#### **Response:**

No. See the response to LFUCG2#15.

- a. See the response to LFUCG2#15.
- b. The Company is not recommending that this class bear any additional costs exceeding the allocation contained in the cost of service study.

For electronic version, refer to KAW\_R\_LFCDR2#16\_071607.pdf

# LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 17 of 19

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#### Witness: Michael Miller

17. See Revised Exhibit No. 37. Does KAWC agree that the revenue it currently collects from public fire hydrants is more than 4%? What is percentage of costs that is currently borne by the public fire service class?

### **Response**:

The Company does not agree that the revenue it currently collects from public fire hydrants is more than 4%. Revenues from the public fire service class currently are 4% of total metered revenues.

For electronic version, refer to KAW\_R\_LFCDR2#17\_071607.pdf

## LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 18 of 19

#### Witness: Michael Miller

- 18. See Revised Exhibit No. 37 and Exhibit No. 36. Do both of these exhibits now accurately account for the number of public fire hydrants that are proposed to be added into the system during the relevant periods of time? If not, why not?
  - a. What effect does the inclusion of these additional hydrants have on the proposed rate increase for the public fire service class?

### **Response**:

Revised Exhibits No 36 and No. 37 accurately account for the number of public fire hydrants.

a. The inclusion of these additional hydrants reduces the amount of rate increase for the public fire service class. The percent increase requested is reduced from 27% down to 12%.

For electronic version, refer to KAW\_R\_LCFDR2#18\_071607.pdf

## LFUCG'S SUPPLEMENTAL REQUESTS FOR INFORMATION Item 19 of 19

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#### Witness: Linda Bridwell

- 19. Is KAWC familiar with Chapter 17C of the Lexington-Fayette Urban County Code of Ordinances, the "Lexington-Fayette Urban County Government Public Right-of- Way Ordinance"?
  - a. Is it KAWC's position or belief that it is not required to fully comply with the provisions of this ordinance? Please explain.
  - b. Does KAWC obtain the permits required by the ordinance in advance of performing work in the public right-of-way? Please explain.
  - c. Does KAWC timely repair its street cuts made in and to the public right-of-way in accordance with the ordinance? Please explain.
  - d. Who is the point of contact within KAWC to whom a question, complaint, or issue regarding work in the public right-of-way should be directed? Please provide this person's position description or title, address, and telephone number with your response.

#### **Response:**

The Company has conferred with counsel for LFUCG about the relevancy of this question and has reached an understanding that obviates the need for a response.

For electronic version, refer to KAW\_R\_LFCDR2#19\_071607.pdf