### COMMONWEALTH OF KENTUCKY

### BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF KENTUCKY-AMERICAN WATER COMPANY FOR AN ADJUSTMENT OF RATES SUPPORTED BY A FULLY FORECASTED TEST YEAR

CASE NO. 2012-00520

### NOTICE OF FILING

Notice is given to all parties that the following materials have been filed into the

record of this proceeding:

- The digital video recordings of the evidentiary hearing conducted June 4 – June 5, 2013 in this proceeding;

- Certification of the accuracy and correctness of the digital video recordings;

- All exhibits introduced at the evidentiary hearing conducted June 4 – June 5, 2013 in this proceeding;

- A written log listing, *inter alia*, the date and time of where each witness' testimony begins and ends on the digital video recordings of the evidentiary hearing conducted June 4 – June 5, 2013.

A copy of this Notice, the certification of the digital video records, hearing logs,

exhibit list, and exhibits have been electronically served upon all persons listed at the

end of this Notice. Parties desiring an electronic copy of the digital video recordings of

the hearing in Windows Media format may download a copy at:

http://psc.ky.gov/av\_broadcast/2012-00520/2012-00520\_04Jun13\_Inter.asx

http://psc.ky.gov/av\_broadcast/2012-00520/2012-00520\_05Jun13\_Inter.asx

Parties wishing annotated digital video recordings may submit a written request by electronic mail to <u>pscfilings@ky.gov</u>. A minimal fee will be assessed for copies of these recordings.

Done at Frankfort, Kentucky, this 14<sup>th</sup> day of June 2013.

Linde Saulkner

Linda Faulkner Director, Filings Division Public Service Commission of Kentucky

Honorable David J Barberie Managing Attorney Lexington-Fayette Urban County Government Department Of Law 200 East Main Street Lexington, KENTUCKY 40507

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Honorable Lindsey W Ingram, III Attorney at Law STOLL KEENON OGDEN PLLC 300 West Vine Street Suite 2100 Lexington, KENTUCKY 40507-1801 Janet M Graham Commissioner of Law Lexington-Fayette Urban County Government Department Of Law 200 East Main Street Lexington, KENTUCKY 40507

Honorable Iris G Skidmore 415 W. Main Street Suite 2 Frankfort, KENTUCKY 40601

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#### CERTIFICATE

I, Melinda A. Ernst, hereby certify that:

1. The attached DVD contains a digital recording of the hearing conducted in the above-styled proceeding on **June 4-5**, **2013**; (excluding any confidential segments, which were recorded on a separate DVD and will be maintained in the non-public records of the Commission, along with the Confidential Exhibits and Hearing Log). The hearing was recorded on **June 4-5**, **2013**. (Confidential portions were also recorded separately).

2. I am responsible for the preparation of the digital recording;

The digital recording accurately and correctly depicts the hearing of June 4-5,
2013 (excluding any confidential segments);

4. The "Exhibit List" attached to this Certificate correctly lists all exhibits introduced at the hearing of **June 4-5, 2013** (excluding any confidential exhibits).

5. The "Hearing Log" attached to this Certificate accurately and correctly states the events that occurred at the hearing of **June 4-5**, **2013** (excluding any confidential segments) and the time at which each occurred.

Given this 14th day of June, 2013.

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Melinda A. Ernst, Notary Public State at Large Notary ID 458201 My commission expires: 24 2016



## 2012-00520\_04June13

#### Kentucky-American Water Company

| Date:    | Туре:         | Location:                    | Department:           |
|----------|---------------|------------------------------|-----------------------|
| 6/4/2013 | General Rates | Public Service<br>Commission | Hearing Room 1 (HR 1) |

Judge: David Armstrong; Linda Breathitt; Jim Gardner Witness: Brian Kalcic LFUCG; Brian Kalcic OAG; Carl Myers KAWC; Cheryl Norton KAWC; David Baker KAWC; Gary VerDouw KAWC; Jack Burch CAC; Keith Cartier KAWC; Linda Bridwell KAWC; Melissa Schwarzell KAWC; Paul Herbert KAWC; Scott Rungren KAWC; OAG Stephen Rackers; Stephen Rackers LFUCG; William O'Mara LFUCG Clerk: Melinda Ernst

| Event Time | Log Event               |   |
|------------|-------------------------|---|
| 9:09:22 AM | Session Started         |   |
| 9:09:33 AM | Chairman Armstrong      |   |
|            | Note: Ernst, Melinda    | Offered preliminary remarks and introduction of Vice Chairman Jim Gardner and Commissioner Linda Breathitt.   |
|            | Note: Ernst, Melinda    | Staff representing the Public Service Commission: Gerald Wuetcher,<br>Mark Frost, Eddie Beavers, George Wakim, Leah Faulkner, David<br>Foster, Sam Reid, Scott Lawless, and Jonathon Beyer.   |
|            | Note: Ernst, Melinda    | Counsel for Kentucky-American Water Company: Lindsey Ingram<br>and Monica Braun. Counsel for the Office of Attorney General:<br>David Spenard and Jennifer Hans. Counsel for Lexington-Fayette<br>Urban County Government: David Barberie and Jacob Walbourn.<br>Counsel for the Community Action Counsel: Iris Skidmore. |
| 9:12:13 AM | Public Notice           |   |
|            | Note: Ernst, Melinda    | Mr. Wuetcher stated appropriate public notice had been given.   |
| 9:12:22 AM | Confidentiality Motions |   |
|            | Note: Ernst, Melinda    | Mr. Wuetcher, PSC, stated several outstanding motions were addressed at a conference that was held prior to the hearing.  |
| 9:13:32 AM | Chairman Armstrong      |   |
|            | Note: Ernst, Melinda    | Called for comments from the public.  |
| 9:13:54 AM | Tom Marshall, Citizen   |   |
|            | Note: Ernst, Melinda    | Provided comments on the cas. He requested that Commissioners take a look at all aspects of the case and the long-term affects they will have on Kentucky-American's customers.   |
| 9:23:45 AM | Chairman Armstrong      |   |
|            | Note: Ernst, Melinda    | Called for further comments from the public. There being none, he proceeded with the hearing.   |
| 9:24:54 AM | Mr. Wuetcher, PSC       |   |
|            | Note: Ernst, Melinda    | Requested that parties identify any witnesses that will be asked to provide testimony by teleconference.  |
| 9:26:34 AM | Mr. Ingram, KAWC        |   |
|            | Note: Ernst, Melinda    | David Baker and Paul Herbert will testify via telephone.  |
| 9:26:57 AM | Mr. Spenard             |   |
|            | Note: Ernst, Melinda    | Brian Kalcic will testify by telephone and Stephen Rackers is present at the hearing to testify.  |
| 9:27:37 AM | Ms. Skidmore, CAC       |   |
|            | Note: Ernst, Melinda    | Objected to the telephonic testimony. She previously agreed to<br>video testimony, but did not know witnesses would be testifying by<br>telephone. She understands it is the fault of no one, but prefers<br>witnesses be present to testify.   |
| 9:29:23 AM | Mr. Ingram, KAWC        |   |
|            | Note: Ayer, Pam         | Called David Baker to testify via telephone.  |

| 9:30:37 AM  | Chairman Armstrong<br>Note: Ernst, Melinda   | Swore in Witness David Baker. Mr. Baker announced that he was accompanied by Ed Hay, as counsel.   |
|-------------|--|--|
| 9:31:51 AM  | Mr. Ingram, KAWC                             |  |
|             | Note: Ernst, Melinda                         | Questioned Mr. Baker on his current position and address. He<br>stated that he currently serves as the Senior Vice President of<br>American Water Northeast Division and provided his office address<br>in New Jersey.   |
| 9:32:37 AM  | Mr. Wuetcher, PSC                            |  |
|             | Note: Ernst, Melinda<br>Note: Ernst, Melinda | Questioned Mr. Baker regarding his affiliation with American Water<br>Works Company. Mr. Wuetcher questioned Mr. Baker regarding his<br>position and work with American Water Works Company.<br>Questioned Mr. Baker regarding managed contracts and his work  |
|             |  | prior to membership on the steering committee for Business<br>Transformation. Mr. Wuetcher continued to question the witness<br>regarding managed contracts and when decisions were made to<br>discourage the use of managed contracts by subsidiaries.  |
| 9:34:23 AM  | Mr. Baker, Witness, KAWC                     |  |
|             | Note: Ayer, Pam                              | Testified that he became a member of the committee and was asked<br>to review third-party contracts. He explained that American Water<br>Works was not a party to the contracts; they were managed by the<br>state subsidiaries. He testified that the contract between KAWC<br>and LFUCG was one of the largest third-party contracts. Mr. Baker<br>testified that the decision was made to exit managed contracts in<br>December 2011. |
| 10:04:01 AM | PSC Exhibit 1                                |  |
|             | Note: Ernst, Melinda                         | Email and documentation from David Baker to AWWC member subsidiaries dated 08/01/2011, 4:32 p.m. regarding Billing Services Plan.  |
| 10:04:39 AM | Mr. Wuetcher, PSC                            |  |
|             | Note: Ernst, Melinda                         | Questioned Mr. Baker regarding PSC Exhibit 1 and AWWC's decision to exit all billing contracts by December 1, 2011.  |
|             | Note: Ernst, Melinda                         | Questioned Mr. Baker regarding the recommended transition from<br>limiting the number of third-party contracts to the elimination of all<br>third-party contracts.   |
| 10:17:57 AM | PSC Exhibit 2                                |  |
|             | Note: Ernst, Melinda                         | Email message from David Baker to Cheryl Norton dated 02/09/2012, 12:14 p.m. regarding "Nice win for our clients."   |
| 10:18:03 AM | Mr. Wuetcher, PSC<br>Note: Ernst, Melinda    | Questioned Mr. Baker regarding PSC Exhibit 2.  |
| 10:18:23 AM | Post Hearing Data Request 1                  |  |
|             | Note: Ayer, Pam                              | Mr. Wuetcher requested confirmation from KAWC that all emails<br>produced in discovery are complete that show the change in<br>American Water's decision to completely terminate billing services.   |
| 10:24:00 AM | Mr. Barberie, LFUCG<br>Note: Ernst, Melinda  | Questioned Mr. Baker regarding the third-party contracts   |
| 10:24:44 AM | Post Hearing Data Request 2                  | , ,  |
|             | Note: Ernst, Melinda                         | Mr. Barberie, LFUCG, requested a list of current American Water operating subsidiaries currently having a billing services contract in place and the location of the contract.   |
| 10:25:43 AM | Vice Chairman Gardner                        |  |
|             | Note: Ernst, Melinda                         | Questioned Mr. Baker regarding his testimony on third-party<br>contracts and his tenure as senior vice president of American Water<br>Northeast Division.  |
| 10:32:00 AM | Chairman Armstrong<br>Note: Ernst, Melinda   | Excused the witness.   |
|             | Note: Ernst, Melinda                         |  |

| 10:32:22 AM | Mr. Ingram, KAWC                           |   |
|-------------|--|---|
|             | Note: Ernst, Melinda                       | Called Cheryl Norton, President, Kentucky-American Water, to testify.   |
| 10:32:54 AM | Chairman Armstrong<br>Note: Ernst, Melinda | Swore in the witness.   |
| 10:33:22 AM | Mr. Ingram<br>Note: Ernst, Melinda         | Confirmed Ms. Norton's prior testimony.   |
| 10:33:49 AM | Jennifer Hans, OAG                         |   |
|             | Note: Ernst, Melinda                       | Ms. Hans questioned Ms. Norton regarding the Northern Division and Owenton facility.  |
|             | Note: Ernst, Melinda                       | Further questioned Witness Cheryl Norton as ultimate authority for KAWC. She asked her questions regarding the previous rate case brought before the Commission, 2012-00096, and the current case before the Commission. She questioned KAWC's efforts to expand services throughout the state. |
| 10:43:30 AM | OAG Exhibit 1                              |   |
|             | Note: Ernst, Melinda                       | Email from Dillard Griffin to Lance Williams dated 11/18/2008, 01:45 p.m. regarding Owenton Water Treatment Plant.  |
| 10:45:11 AM | Cheryl Norton, KAWC                        |   |
|             | Note: Ernst, Melinda                       | At the request of Ms. Hans, witness read aloud contents of OAG<br>Exhibit 1. She further testified regarding long-term plans for the<br>Owenton Water Treatment Plant.  |
| 10:50:24 AM | OAG Exhibit 2                              |   |
|             | Note: Ernst, Melinda                       | Final Order in Case No. 2010-00036, page 87.  |
| 10:51:48 AM | Ms. Hans, OAG                              |   |
|             | Note: Ernst, Melinda                       | She questioned Ms. Norton regarding legislative initiatives and<br>lobbying activities of KAWC, specifically legislation for solutions in<br>advancing services to low-income customers.  |
|             | Note: Ernst, Melinda                       | Questioned Ms. Norton regarding OAG Exhibit 2 and the<br>Commission's requests outlined in the exhibit.   |
| 10:58:08 AM | Mr. Ingram, KAWC                           |   |
|             | Note: Ernst, Melinda                       | Objected to questioning by Ms. Hans.  |
| 10:58:58 AM | Ms. Hans, OAG                              |   |
|             | Note: Ernst, Melinda                       | Continued examination of witness regarding overall water loss.  |
| 10:59:56 AM | Ms. Norton, KAWC                           |   |
|             | Note: Ernst, Melinda                       | Testified overall water loss for the past twelve months was below 15 percent.   |
| 11:00:32 AM | Ms. Hans, OAG                              |   |
|             | Note: Ernst, Melinda                       | Continued examination of the witness regarding the affordability study.   |
| 11:02:08 AM | Post Hearing Data Request 3                |   |
|             | Note: Ernst, Melinda                       | Ms. Hans requested the dates of meetings Ms. Norton attended regarding collaborative efforts and the affordable study.  |
| 11:03:51 AM | Ms. Hans, OAG                              |   |
|             | Note: Ernst, Melinda                       | Continued questioning the witness regarding wholesale water contracts.  |
| 11:04:38 AM | Session Paused                             |   |
| 11:17:18 AM | Session Resumed                            |   |
| 11:17:29 AM | Mr. Wuetcher, PSC                          |   |
|             | Note: Ernst, Melinda                       | Stated that at the request of KAWC, the PSC began the hearing at 9:00 a.m. Public notice was given; however, one member of the public arrived at 10:00 a.m. wishing to provide comments. He requested that public comments be allowed.  |

| 11:18:13 AM | Public Comments             |  |
|-------------|-----------------------------|--|
|             | Note: Ernst, Melinda        | Ms. Mitchell, Lexington, Kentucky, provided comments on the case before the Commission.  |
| 11:18:13 AM | Camera Lock Deactivated     |  |
| 11:19:55 AM | Mr. Barberie, LFUCG         |  |
|             | Note: Ernst, Melinda        | Questioned Witness Cheryl Norton regarding possible acquisition of<br>the KRS 2 plant and wholesale water contracts. He further<br>questioned the witness regarding KAWC's decision to discontinue the<br>contract with LFUCG.   |
| 11:25:07 AM | Ms. Norton, KAWC            |  |
|             | Note: Ernst, Melinda        | Testified there was much confusion among customers regarding<br>services and whom customers were to contact when needing<br>assistance with those services. Customers were confused regarding<br>rate increases and where those rate increases were included on<br>customers' bills.         |
| 11:27:31 AM | Mr. Barberie, LFUCG         |  |
|             | Note: Ernst, Melinda        | Continued questioning Ms. Norton regarding KAWC's decision to terminate the billing contract with LFUCG.   |
| 11:28:01 AM | LFUCG Exhibit 1             |  |
|             | Note: Ernst, Melinda        | Kentucky-American Water bill dated March 22, 2011 with name, address, and account number redacted.   |
| 11:31:00 AM | Post Hearing Data Request 4 |  |
|             | Note: Ernst, Melinda        | Mr. Barbarie requested KAWC provide information on the decrease in late fees and reconnections provided in Ms. Norton's testimony.   |
| 11:31:52 AM | Mr. Barberie, LFUCG         |  |
|             | Note: Ernst, Melinda        | Continued examination of Ms. Norton. He further questioned her regarding reasons for termination of the billing contract with LFUCG.   |
| 11:33:27 AM | Ms. Norton                  |  |
| 1100.27 141 | Note: Ernst, Melinda        | Testified that customers overall were pleased with the separation of<br>billing contracts with LFUCG. Positive comments have been<br>received regarding customers' realization of the true amounts of<br>their water bills and how much easier it was for them to understand<br>their bills. |
| 11:35:26 AM | Mr. Barberie, LFUCG         |  |
|             | Note: Ernst, Melinda        | Questioned Ms. Norton regarding PSC Exhibit 2. He questioned the origination of the email and to what the email was referring.   |
| 11:37:18 AM | Ms. Sizemore, CAC           |  |
|             | Note: Ernst, Melinda        | Questioned the witness regarding the number of customers below<br>the poverty level. She referred to rebuttal testimony regarding<br>assistance to low-income customers which was filed by the witness.  |
| 11:40:50 AM | Ms. Norton, KAWC            |  |
|             | Note: Ernst, Melinda        | Testified about services KAWC provides to low-income customers<br>and the lack of increases to these services as compared to the<br>increases in rates that have been approved for the KAWC.   |
| 11:42:39 AM | CAC Exhibit 1               |  |
|             | Note: Ernst, Melinda        | Herald-Leader Editorial "Don't give utility new rate control; KAW seeks increase, less scrutiny," dated 05/23/2013.  |
| 11:44:52 AM | Ms. Skidmore, CAC           |  |
|             | Note: Ernst, Melinda        | Questioned the witness regarding the editorial. She referred to Ms.<br>Norton's rebuttal testimony that legislation was the best way to<br>provide relief to low-income customers.   |
| 11:48:06 AM | Ms. Norton, KAWC            |  |
|             | Note: Ernst, Melinda        | Testified regarding her beliefs in legislation and other ways to provide assistance to low-income customers.   |

| 11:49:31 AM | Ms. Skidmore, CAC                                   |   |
|-------------|---|---|
|             | Note: Ernst, Melinda                                | Referred to the Final Order in Case No. 2010-00036 regarding CAC's proposal that KAWC perfom a study to restructure their rate design.  |
| 11:50:57 AM | Mr. Ingram, KAWC                                    |   |
|             | Note: Ernst, Melínda                                | Objects to Ms. Skidmore's question regarding CAC's proposal that<br>KAWC perform at study to restructure their rate design and whether<br>KAWC has completed the study.   |
| 11:54:32 AM | Ms. Skidmore, CAC                                   |   |
|             | Note: Ernst, Melinda                                | Continued examination of Ms. Norton regarding the Final Order in<br>Case No. 2010-00036 and suggestions made by the Commission in<br>that Order. She further questioned the witness regarding legislation<br>proposed and supported by KAWC.  |
|             | Note: Ernst, Melinda                                | She referred to the CAC Exhibit 1 regarding negotiations with cities to sell water Nicholasville and Paris.   |
|             | Note: Ernst, Melinda                                | She referenced Ms. Norton's rebuttal testimony on page 3. She questioned the witness regarding minimal communications between KAWC and CAC and the lack of progress made toward affordability options.  |
| 12:04:38 PM | Ms. Norton, KAWC                                    |   |
|             | Note: Ernst, Melinda                                | Denied that KAWC is in negotiations to sell water to Nicholasville and Paris.   |
| 12:05:40 PM | Mr. Wuetcher, PSC                                   |   |
|             | Note: Ernst, Melinda                                | Questioned the witness whether KAWC completed a survey<br>regarding their bills and services provided that were included on<br>their bill.  |
|             | Note: Ernst, Melinda                                | Questioned the witness regarding third-party billing and studies<br>completed in that respect. He questioned whether KAWC had<br>completed a cost-of-service study following the termination of the<br>contract with LFUCG. He further questioned whether KAWC had<br>completed studies regarding cost of services.   |
| 12:10:57 PM | Post Hearing Data Request 5<br>Note: Ernst, Melinda | Mr. Wuetcher requested copies of the results of surveys completed<br>by KAWC regarding customer billing and the termination of the<br>KAWC's contract with LFUCG.   |
| 12:11:52 PM | Mr. Wuetcher, PSC                                   |   |
|             | Note: Ernst, Melinda                                | Continued questioning Ms. Norton regarding legislation proposed by KAWC.  |
| 12:13:40 PM | Post Hearing Data Request 6                         |   |
|             | Note: Ernst, Melinda                                | Mr. Wuetcher requested a final draft of proposed legislation of the collaborative agencies.   |
| 12:14:42 PM | Mr. Wuetcher, PSC                                   |   |
|             | Note: Ernst, Melinda                                | Questioned when KAWC made the decision to terminate its contract with LFUCG.  |
| 12:15:52 PM | Ms. Norton, KAWC                                    |   |
|             | Note: Ernst, Melinda                                | Testified that the decision was made in May or June of 2011.<br>Official notice was provided to LFUCG on 10/03/2011; however,<br>verbal notice had been provided prior to that date.  |
| 12:17:08 PM | Mr. Wuetcher, PSC<br>Note: Ernst, Melinda           | Questioned the witness regarding the Northern Division project and<br>capital projects needed to bring the Owenton facility into acceptable<br>standards. He further questioned the use of a unified rate structure<br>and whether consideration was made to spread the cost of<br>improvements to the system or portions of the system throughout<br>the entire customer base. |

| 12:23:38 PM | Ms. Norton, KAWC       |  |
|-------------|------------------------|--|
|             | Note: Ernst, Melinda   | Testified that existing customers receive benefit in the growth of the overall system. Growth may include a minimal increase in overall billing to customers, but may include a decrease because costs are spread over the entire system. She further testified the Owenton acquisition was a good investment for the company and the customers. |
| 12:29:37 PM | Mr. Wuetcher, PSC      |  |
|             | Note: Ernst, Melinda   | The Northern Division and Central Division are not yet connected.<br>He questioned Ms. Norton regarding the tariff that would be<br>provided for the overall system.   |
| 12:31:19 PM | Vice Chairman Gardner  |  |
|             | Note: Ernst, Melinda   | Questioned the witness regarding purchases KAWC incurred in the acquisition of the Owenton system. He questioned whether Ms. Norton thought the Commission should approve proposed acquisitions.   |
|             | Note: Ernst, Melinda   | Questioned Ms. Norton regarding energy-efficiency projects and the type of projects being considered by KAWC.  |
|             | Note: Ernst, Melinda   | Questioned the witness regarding the unified rate schedule.  |
| 12:37:20 PM | Ms. Norton, KAWC       |  |
|             | Note: Ernst, Melinda   | Testified in response to Vice Chairman Gardner's questions. She stated that the termination of the contract with LFUCG was a success for KAWC. It helps customers to better understand the cost of water services provided by KAWC.  |
| 12:41:09 PM | Vice Chairman Gardner  |  |
|             | Note: Ernst, Melinda   | Further questioned the witness regarding acquisition of the Owenton<br>system and progress made in that system. He questioned the<br>witness regarding the contracts with LFUCG and AWWA.  |
| 12:44:26 PM | Commissioner Breathitt |  |
|             | Note: Ernst, Melinda   | Questioned the witness regarding percentages of increases and<br>comments from customers. She further questioned Ms. Norton<br>regarding proposed expansions.  |
| 12:48:40 PM | Ms. Norton, KAWC       |  |
|             | Note: Ernst, Melinda   | Testified that KAWC is not currently seeking any specific expansions;<br>however, the company has been contacted regarding possible<br>expansions.   |
| 12:49:52 PM | Commissioner Breathitt |  |
|             | Note: Ernst, Melinda   | Questioned the witness regarding ways to improve due diligence in finding solutions to concerns and issues. She further questioned the witness regarding water and energy efficiency programs.   |
| 12:55:10 PM | Chairman Armstrong     |  |
|             | Note: Ernst, Melinda   | Questioned Ms. Norton regarding the Clean Water Act and if KAWC is meeting those mandates. He further questioned KAWC's public education activities.   |
| 12:57:15 PM | Mr. Ingram, KAWC       |  |
|             | Note: Ernst, Melinda   | Redirect of Witness Cheryl Norton. He questioned Ms. Norton regarding the request of KAWC to the Commission regarding approval to acquire the Owenton facility and the submission of a unified rate schedule in the next rate case.  |
| 1:00:27 PM  | KAWC Exhibit 1         |  |
|             | Note: Ernst, Melinda   | Email to William O'Mara and Jane Driskell from Cheryl Taylor dated 07/01/2011, 4:35 p.m. regarding KAW meeting.  |
| 1:02:18 PM  | Mr. Ingram, KAWC       |  |
|             | Note: Ernst, Melinda   | He further questioned the witness on efforts to low-income<br>customers and meetings in which KAWC and other entities were<br>involved.  |

Hearing was paused for confidential session, see also Hearing Log Report (2) for remainder of Public Session

|            | Note: Ernst, Melinda                         | Questioned Ms. Norton regarding KAWC Exhibit 1. The exhibit outlines notification of KAWC's termination of the billing contract with LFUCG and the decrease in the collection rate.  |
|------------|--|--|
| 1:07:27 PM | Ms. Hans, OAG                                |  |
|            | Note: Ernst, Melinda<br>Note: Ernst, Melinda | Objected to questions regarding negotiations by the OAG's office.<br>Questioned the witness regarding earlier testimony on CAC Exhibit<br>1. She further questioned the witness regarding the third-party  |
|            |  | billing process and increases or surcharges included in KAWC's bills.  |
|            | Note: Ernst, Melinda                         | Questioned the witnesses' understanding of OAG's involvement in efforts to draft legislation.  |
| 1:16:35 PM | Ms. Skidmore, CAC                            |  |
|            | Note: Ernst, Melinda                         | In cross examination of Ms. Norton, questioned her concerns of the number of customers on the low poverty level.   |
| 1:18:47 PM | Mr. Barberie, LFUCG                          |  |
|            | Note: Ernst, Melinda                         | In cross examination of Witness Cheryl Norton, questioned the<br>status of Business Transformation and implementation of these<br>efficiency initiatives.  |
| 1:21:43 PM | Post Hearing Data Request 7                  |  |
|            | Note: Ernst, Melinda                         | Mr. Barberie requested emails showing the the OAG did not support legislation drafted by collaborative members.  |
| 1:22:19 PM | Mr. Wuetcher, PSC                            |  |
|            | Note: Ernst, Melinda                         | In cross examination of witness, questioned the flow of command<br>with KAWC and to whom does Ms. Norton report her activities. He<br>further questioned reports that were to be supplied to the<br>Commission regarding legislative activities. |
| 1:23:22 PM | Post Hearing Data Request 8                  |  |
|            | Note: Ayer, Pam                              | Mr. Wuetcher requested information showing that LFUCG's collection rate charges included on KAWC's bills was decreasing prior to termination of the contract between LFUCG and KAWC.   |
| 1:24:36 PM | Vice Chairman Gardner                        |  |
|            | Note: Ernst, Melinda                         | In cross examination of witness, he questioned Ms. Norton on usage figures and activities of the collaborative group.  |
| 1:27:08 PM | Session Paused                               |  |
| 2:32:59 PM | Session Resumed                              |  |
| 2:33:25 PM | Session Ended                                |  |



# 2012-00520\_04June13\_After\_Conf Kentucky American Water Company

| Date:    | Туре:         | Location:                    | Department:           |
|----------|---------------|------------------------------|-----------------------|
| 6/4/2013 | General Rates | Public Service<br>Commission | Hearing Room 1 (HR 1) |

Judge: David Armstrong; Linda Breathitt; Jim Gardner Clerk: Melinda Ernst

| Event Time | Log Event               |   |
|------------|-------------------------|---|
| 2:44:15 PM | Session Started         |   |
| 2:44:16 PM | Chairman Armstrong      |   |
|            | Note: Ernst, Melinda    | Excused Witness Cheryl Norton.  |
| 2:44:52 PM | Mr. Ingram, KAWC        |   |
|            | Note: Ernst, Melinda    | Called Keith Cartier, Vice President Operations for KAWC, to testify.   |
| 2:45:18 PM | Chairman Armstrong      |   |
|            | Note: Ernst, Melinda    | Swore in Mr. Cartier.   |
| 2:45:33 PM | Mr. Ingram, KAWC        |   |
|            | Note: Ernst, Melinda    | Verified testimony offered by Mr. Cartier.  |
| 2:45:43 PM | Ms. Hans, OAG           |   |
|            | Note: Ernst, Melinda    | Questioned Mr. Cartier regarding DSIC charges.  |
| 2:48:40 PM | Mr. Wuetcher, PSC       |   |
|            | Note: Ernst, Melinda    | Questioned Mr. Cartier regarding his responses to PSC Staff's<br>Second Request for Information, Item 50, and PSC Staff's Third |
|            |                         | Request for Information, Item 20. He questioned Mr. Cartier   |
|            |                         | regarding management of the third-party contracts.  |
| 2:56:54 PM | Vice Chairman Gardner   |   |
|            | Note: Ernst, Melinda    | Questioned Witness Keith Cartier regarding energy efficiency  |
|            |                         | projects in which KAWC has invested.  |
| 2:57:20 PM | Camera Lock Deactivated |   |
| 2:58:20 PM | Mr. Cartier, KAWC       |   |
|            | Note: Ernst, Melinda    | Testified regarding KAWC efficiency projects at Jacobson Park and<br>Richmond Road  |
| 3:00:02 PM | Vice Chairman Gardner   |   |
|            | Note: Ernst, Melinda    | Further questioned Mr. Cartier whether KAWC would be looking at pump replacements near the Kentucky River.                      |
| 3:02:45 PM | Ms. Hans, OAG           |   |
|            | Note: Ernst, Melinda    | Redirect of witness. She questioned KAWC's percentage of water  |
|            |                         | loss due to leaks. She questioned the difference in water loss  |
|            |                         | percentages and water loss due to leaks.  |
| 3:04:55 PM | Chairman Armstrong      |   |
|            | Note: Ernst, Melinda    | Excused Witness Keith Cartier.  |
| 3:05:19 PM | Mr. Ingram, KAWC        |   |
|            | Note: Ernst, Melinda    | Mr. Ingram called Paul Herbert, Gannett-Fleming, President,<br>Valuation & Rate Design, to testify.                             |
| 3:05:59 PM | Chairman Armstrong      |   |
|            | Note: Ernst, Melinda    | Swore in Mr. Herbert.   |
| 3:06:17 PM | Ms. Braun, KAWC         |   |
|            | Note: Ernst, Melinda    | Verified Mr. Herbert's testimony.   |
|            | •                       |   |

| 3:06:43 PM    | Ms. Skidmore, CAC                             | Questioned Mr. Howbert regarding his solution testimopy on the sate  |
|---------------|---|--|
|               | Note: Ernst, Melinda                          | Questioned Mr. Herbert regarding his rebuttal testimony on the rate<br>increase. She questioned Mr. Herbert regarding the Final Order in<br>Case No. 2010-00036 and the recommendations on CAC's rate<br>design proposal. She further questioned Mr. Herbert regarding his<br>knowledge of services to low-income customers and how to address |
|               |   | those services.  |
| 3:17:59 PM    | Mr. Wuetcher, PSC<br>Note: Ernst, Melinda     | Questioned Mr. Herbert regarding increases in public fire hydrant revenues and the methodology used to figure those increases.   |
| 3:19:54 PM    | Mr. Herbert, KAWC                             |  |
|               | Note: Ernst, Melinda                          | Testified that the costs proposed for public fire hydrant revenues includes the lines and equipment for fire hydrants.   |
| 3:20:59 PM    | Mr. Wuetcher, PSC                             |  |
|               | Note: Ernst, Melinda                          | Questioned Mr. Herbert regarding third-party billing services and<br>cost-of-service studies. He further questioned the witness regarding<br>KAWC's recovery of costs attributed to connection of the Central<br>Division to the Northern Division and single tariff pricing.  |
| 3:28:21 PM    | Vice Chairman Gardner                         |  |
|               | Note: Ernst, Melinda                          | Questioned Mr. Herbert regarding his testimony on rate design and<br>the cost-of-service study and instructions he received from KAWC in<br>preparing these figures. He further questioned the witness<br>regarding his recommendations for an increase in customer charges.   |
| 3:34:27 PM    | Commissioner Breathitt                        |  |
| J.J.T.(2) T M | Note: Ernst, Melinda                          | Questioned Mr. Herbert regarding the increase in demand for private<br>fire units over public fire units. She further questioned the<br>approximately 20 percent increase in public fire hydrant costs.  |
| 3:38:19 PM    | Chairman Armstrong                            |  |
|               | Note: Ernst, Melinda<br>Note: Ernst, Melinda  | He called counsel to the bench and conferred with all parties.<br>Excused Witness Paul Herbert.  |
| 3:42:24 PM    | Mr. Ingram, KAWC<br>Note: Ernst, Melinda      | Called Witness Scott Rungren, Financial Analyst, AWWSC, to testify.  |
| 3:42:58 PM    | Chairman Armstrong                            |  |
| J. 12,00 1 11 | Note: Ernst, Melinda                          | Swore in Witness Scott Rungren.  |
| 3:43:20 PM    | Mr. Wuetcher, PSC                             |  |
|               | Note: Ernst, Melinda                          | Questioned Mr. Rungren regarding what effect the upgrade of long-<br>term debt would have on KAWC.   |
| 3:45:03 PM    | PSC Post Hearing Data Request 9               |  |
|               | Note: Ernst, Melinda                          | Mr. Wuetcher requested a revised capital structure and workspapers<br>from Moody's and Standard & Poor's recent upgrades to American<br>Water's credit rating.   |
| 3:45:57 PM    | Vice Chairman Gardner<br>Note: Ernst, Melinda | Questioned Mr. Rungren regarding the reason he upgrade KAWC to the long-term debt plan.  |
| 3:50:10 PM    | Chairman Armstrong                            |  |
|               | Note: Ernst, Melinda                          | Questioned Mr. Rungren regarding KAWC's upgrade in the Standard & Poor index.  |
| 3:52:08 PM    | Post Hearing Data Request 10                  |  |
|               | Note: Ernst, Melinda                          | Chairman Armstrong requested copies of reports issued by Moody's<br>and Standard & Poor's regarding upgrades to American Water's<br>credit rating.   |
| 3:52:47 PM    | Mr. Ingram, KAWC                              | -  |
|               | Note: Ernst, Melinda                          | Called Carl Myers, Director of Income Tax, AWWC, to testify.   |
| 3:53:31 PM    | Chairman Armstrong<br>Note: Ernst, Melinda    | Swore in the witness.  |

| 3:53:53 PM | Mr. Ingram, KAWC             |  |
|------------|------------------------------|--|
|            | Note: Ernst, Melinda         | Witness Mr. Myers verified his testimony with minor corrections.   |
| 3:54:32 PM | Mr. Spenard, OAG             |  |
|            | Note: Ernst, Melinda         | Questioned Mr. Myers regarding his rebuttal testimony regarding<br>accounting methods and tax deductions.  |
| 4:01:51 PM | Mr. Wuetcher, PSC            |  |
|            | Note: Ernst, Melinda         | Questioned Mr. Myers regarding the resolution of the FIN 48 Tax<br>Liability. He further questioned the probability that KAWC will be<br>audited by the IRS in the near future. He continued questioning the<br>witness regarding KAWC's accounting methods. |
| 4:06:46 PM | Post Hearing Data Request 11 |  |
|            | Note: Ernst, Melinda         | Mr. Wuetcher requested a list by year of the annual amount of FIN<br>48, total accumulated amount, and an explanation of any change<br>from year to year.  |
| 4:07:34 PM | Vice Chairman Gardner        |  |
|            | Note: Ernst, Melinda         | Questioned Mr. Myers regarding tax accounting methods and liabilities of AWWA.   |
| 4:13:19 PM | Post Hearing Data Request 12 |  |
|            | Note: Ernst, Melinda         | Vice Chairman Gardner requested a list of forecasted repairs included in KAWC's FIN 48.  |
| 4:15:32 PM | Vice Chairman Gardner        |  |
|            | Note: Ernst, Melinda         | Continued to question the witness regarding extrapolation of the assets.   |
| 4:18:29 PM | Chairman Armstrong           |  |
|            | Note: Ernst, Melinda         | Excused Witness Mr. Myers.   |
| 4:19:33 PM | Chairman Armstrong           |  |
|            | Note: Ernst, Melinda         | Adjourned the hearing for the day. The hearing will continue at 9:00 a.m. tomorrow morning.  |
| 4:20:27 PM | Session Ended                |  |
|            |                              |  |



## 2012-00520\_05June13\_

# Kentucky American Water Company

| Date:    | Туре:         | Location:                    | Department:           |  |
|----------|---------------|------------------------------|-----------------------|--|
| 6/5/2013 | General Rates | Public Service<br>Commission | Hearing Room 1 (HR 1) |  |

Judge: David Armstrong; Linda Breathitt; Jim Gardner Clerk: Melinda Ernst

| Event Time | Log Event                    |  |
|------------|------------------------------|--|
| 9:09:33 AM | Session Started              |  |
| 9:09:34 AM | Ms. Braun, KAWC              |  |
|            | Note: Ernst, Melinda         | Called Melissa Schwarzell, Financial Analyst, AWWSC, to testify.   |
| 9:09:59 AM | Chairman Armstrong           |  |
|            | Note: Ernst, Melinda         | Swore in Witness Melissa Schwarzell.   |
| 9:10:29 AM | Ms. Braun, KAWC              |  |
|            | Note: Ayer, Pam              | Verified Ms. Schwarzell's testimony.   |
| 9:10:42 AM | Mr. Wuetcher, PSC            |  |
|            | Note: Ernst, Melinda         | Questioned Ms. Schwarzell regarding PSC Staff's Second Data<br>Request, Question 78.   |
| 9:12:13 AM | PSC Exhibit 6                |  |
|            | Note: Ernst, Melinda         | Kentucky American Water, Case No. 2012-00520, Commission Staff's<br>Second Information Request, Question 78, Revenue Requirement &<br>Average Customer Bill Impact of Termination of Billing Services. |
| 9:13:28 AM | Mr. Wuetcher, PSC            |  |
|            | Note: Ernst, Melinda         | Continued questioning the witness regarding PSC Exhibit 6. He questioned expenses listed in reference to an email from David Baker.  |
| 9:20:34 AM | Post Hearing Data Request 13 |  |
|            | Note: Ayer, Pam              | Mr. Wuetcher requested information on other rate classes not<br>included in KAWC's response to Commission Staff's Second<br>Information Request, Question 78.  |
| 9:21:02 AM | Ms. Schwarzell, KAWC         |  |
|            | Note: Ernst, Melinda         | Testified regarding Mr. Wuetcher's questions regarding PSC Exhibit 6 and figures on an average customer bill.  |
| 9:23:37 AM | Commissioner Breathitt       |  |
|            | Note: Ernst, Melinda         | Questioned the witness regarding the discount outlined in PSC Exhibit 6 and cost sharing.  |
| 9:25:26 AM | Mr. Wuetcher, PSC            |  |
|            | Note: Ernst, Melinda         | Continued with questions for the witness regarding the methodology<br>for calculation of meter reading and customer billing for water and<br>expenses related to LFUCG.                                |
| 9:31:03 AM | Vice Chairman Gardner        |  |
|            | Note: Ernst, Melinda         | Questioned the witness regarding the termination date of the contract with LFUCG and revenue requirements. He further questioned the number of disconnections.   |
| 9:34:19 AM | KAWC Exhibit 2               |  |
|            | Note: Ernst, Melinda         | Kentucky American Water Monthly Reconnect Fees, January 2012-<br>March 2013 graph.   |

| 9:35:31 AM | Mr. Ingram, KAWC                              |  |
|------------|---|--|
|            | Note: Ernst, Melinda                          | Clarified the termination dates for KAWC's contract with LFUCG.<br>KAWC provided notice of the termination in October 2011 with an<br>effective date of March 2012. However, KAWC continued the<br>contract until September 2012 until another entity could take over<br>billing services for LFUCG. |
| 9:37:48 AM | Vice Chairman Gardner<br>Note: Ernst, Melinda | Questioned Ms. Schwarzell regarding KAWC Exhibit 2.  |
| 9:38:34 AM | Post Hearing Data Request 14                  |  |
|            | Note: Ayer, Pam                               | Vice Chairman Gardner requested that KAWC Exhibit 2 be updated to include information beginning January 1, 2008.   |
| 9:39:57 AM | Commissioner Breathitt                        |  |
|            | Note: Ernst, Melinda                          | Questioned the witness regarding the reconnection fees and the<br>number of reconnections.   |
| 9:41:07 AM | Mr. Barberie, LFUCG                           |  |
|            | Note: Ernst, Melinda                          | Questioned Ms. Schwarzell regarding the impact to residential,<br>commercial, industrial, etc. customers following the termination of<br>KAWC's contract with LFUCG.   |
| 9:42:17 AM | Post Hearing Data Request 15                  |  |
|            | Note: Ayer, Pam                               | Mr. Barbarie requested an analysis as outlined in KAWC Exhibit 2 for other classes served by KAWC.   |
| 9:44:13 AM | Mr. Barberie, LFUCG                           |  |
|            | Note: Ernst, Melinda                          | Continued to question Ms. Schwarzell regarding KAWC's Exhibit 2.   |
| 9:45:52 AM | Ms. Skidmore, CAC                             |  |
|            | Note: Ernst, Melinda                          | Clarified line items and figures included in KAWC Exhibit 2.   |
|            | Note: Ernst, Melinda                          | Questioned Ms. Schwarzell regarding the ending date of KAWC's<br>contract with LFUCG and KAWC Exhibit 2.   |
| 9:48:28 AM | Ms. Braun, KAWC                               |  |
|            | Note: Ernst, Melinda                          | Questioned Ms. Schwarzell regarding the line item for postage that was not included on KAWC Exhibit 2.   |
| 9:49:00 AM | Mr. Wuetcher, PSC                             |  |
|            | Note: Ernst, Melinda                          | Further questioned Ms. Schwarzell regarding KAWC's Exhibit 2.  |
| 9:52:15 AM | Post Hearing Data Request 16                  |  |
|            | Note: Ernst, Melinda                          | Mr. Wuetcher requested data on KAWC's disconnections beginning in January 2011 to date for those not paying water bills.   |
| 9:54:13 AM | Chairman Armstrong                            |  |
|            | Note: Ernst, Melinda                          | Excused Witness Ms. Schwarzell.  |
| 9:54:35 AM | Mr. Ingram, KAWC                              |  |
|            | Note: Ernst, Melinda                          | Called Linda Bridwell, Manager, Rates and Regulation (KY-TN),<br>Central Division, AWWSC, as witness and verified her direct<br>testimony.   |
| 9:55:22 AM | Chairman Armstrong                            |  |
|            | Note: Ernst, Melinda                          | Swore in Ms. Bridwell as witness for KAWC.   |
| 9:55:45 AM | Mr. Spenard, OAG                              |  |
|            | Note: Ernst, Melinda                          | Questioned Ms. Bridwell regarding her direct and rebuttal testimony.   |
| 9:56:29 AM | OAG Exhibit 5, OAG Exhibit 6, O               | AG Exhibit 7   |
|            | Note: Ernst, Melinda                          | Requested the Commission take Administrative Notice of OAG<br>Exhibits 5, 6, and 7.  |
|            | Note: Ernst, Melinda                          | OAG Exhibit 5-Contents of Order in Case No. 92-452 regarding   |
|            |   | Forecasted Test Year Revenues. OAG Exhibit 6-Contents of Order in Case No. 2001-00117 regarding Weather Normalization. OAG Exhibit 7-Contents of Order in Case No. 2007-00134 regarding Weather Normalization.   |

| 10:00:34 AM | Mr. Spenard, OAG             |  |
|-------------|------------------------------|--|
| 10.00.31741 | Note: Ernst, Melinda         | Continued questioning Ms. Bridwell regarding the Kentucky<br>Infrastructure Authority and its connection with KAWC. He<br>questioned Ms. Bridwell at length regarding KAWC's work with<br>outside entities to provide water services.  |
|             | Note: Ernst, Melinda         | Questioned the witness regarding engineering costs associated with expansion and construction projects sought by KAWC.   |
|             | Note: Ernst, Melinda         | Questioned Ms. Bridwell regarding weather normalization data that<br>was accepted by the Commission in previous cases and how it<br>relates to water usage by customers. He further questioned KAWC<br>figures for water usage in specific times of the year and how<br>weather normalization figures affect that usage. |
| 10:35:29 AM | Ms. Bridwell, KAWC           |  |
|             | Note: Ernst, Melinda         | Testified and answered questions from Mr. Spenard regarding water<br>usage, weather normalization, KAWC's work with outside entities,<br>engineering costs associated with construction projects, slippage,<br>and the third-party billing contract with LFUCG.  |
| 10:47:09 AM | Session Paused               |  |
| 11:00:01 AM | Session Resumed              |  |
| 11:00:07 AM | Mr. Barberie, LFUCG          |  |
|             | Note: Ernst, Melinda         | Questioned Ms. Bridwell regarding the decreased water usage by residential customers. He further questioned the witness regarding LFUCG's Second Data Request, Item 8 regarding electronic data.   |
| 11:01:03 AM | Camera Lock Deactivated      |  |
| 11:04:12 AM | Post Hearing Data Request 17 |  |
|             | Note: Ernst, Melinda         | Mr. Barberie requested an update to information KAWC provided in LFUCG's Second Data Request, Item 8 regarding electronic data.  |
| 11:04:41 AM | LFUCG Exhibit 2              |  |
|             | Note: Ernst, Melinda         | Kentucky-American Water Company Case No. 2012-00520<br>Lexington-Fayette Urban County Government's First Request for<br>Information, Item 30 and response.   |
| 11:04:44 AM | Mr. Barberie, LFUCG          |  |
|             | Note: Ernst, Melinda         | Questioned the witness regarding her response iin LFUCG Exhibit 2.<br>He further questioned the witness regarding LFUCG's First Data<br>Request Item 6 regarding prospective sales of water to communities<br>outside Fayette County.  |
| 11:11:50 AM | LFUCG Exhbit 3               |  |
|             | Note: Ernst, Melinda         | Kentucky-American Water Company Case No. 2012-00520<br>Lexington-Fayette Urban County Government's First Request for<br>Information Item 6 and Response.   |
| 11:12:47 AM | Mr. Barberie, LFUCG          |  |
|             | Note: Ernst, Melinda         | Continued questioning Ms. Bridwell regarding expansion of KRS 2,<br>when that would occur and possible impacts on the existing system.<br>He then questioned the witness about tariffs and franchising fees.   |
| 11:18:14 AM | LFUCG Exhibit 4              | -  |
|             | Note: Ernst, Melinda         | KAWC Tariff filed with PSC dated 5/12/2013.  |
| 11:21:02 AM | Mr. Barberie, LFUCG          |  |
|             | Note: Ernst, Melinda         | Questioned the fee included in the tariff entitled Georgetown<br>Hydrant Fee.  |
| 11:21:50 AM | CAC Exhibit 2                |  |
|             | Note: Ernst, Melinda         | Content of PSC Order in Case No. 2010-00036, pages 73 - 76.  |
| 11:23:34 AM | Ms. Skidmore, CAC            | Che questioned KAMCie researce to CAC First Data Demost  |
|             | Note: Ernst, Melinda         | She questioned KAWC's response to CAC First Data Request,<br>Question 9 and contributions made to H2O, Help to Others. She<br>further questioned how KAWC could provide assistance to low-<br>income customers with a rate increase.   |

|             | Note: Ernst, Melinda          | Questioned Ms. Bridwell regarding CAC Exhibit 2. She asked if KAWC had completed surveys related to the impact of rate increases on customers.  |
|-------------|-------------------------------|---|
|             | Note: Ernst, Melinda          | She questioned Ms. Bridwell regarding inclining block rates and whether KAWC had completed a study on this issue.   |
| 11:37:41 AM | Ms. Wuetcher, PSC             |   |
|             | Note: Ernst, Melinda          | Questioned the definition and meaning of SWAG.  |
| 11:38:28 AM | PSC Post Hearing Data Request |   |
|             | Note: Ernst, Melinda          | Mr. Wuetcher requested the schedules and supporting workpapers for KAWC's base period update in Excel format through the online web portal and electronic media.  |
| 11:39:11 AM | Mr. Wuetcher, PSC             |   |
|             | Note: Ernst, Melinda          | Questioned Ms. Bridwell regarding page 46 of 54 of Schedule B in the application.   |
| 11:40:26 AM | Post Hearing Data Request 19  |   |
|             | Note: Ernst, Melinda          | Mr. Wuetcher requested the figurefor Dollar Days for Chemicals included in Exhibit 37 of the application.   |
| 11:42:52 AM | Mr. Wuetcher, PSC             |   |
|             | Note: Ernst, Melinda          | Questioned Ms. Bridwell regarding customer call center services and<br>provisions for amending the agreement for those services. He<br>further questioned the witness regarding the Slippage factor. He<br>referred to KAWC's response to PSC's Second Request for<br>Information, Item 73, Subitem G.      |
| 11:49:11 AM | Post Hearing Data Request 20  |   |
|             | Note: Ernst, Melinda          | Mr. Wuetcher requested a copy of any rules and/or guidance KAWC has provided to call center representatives to track water and sewer customer calls.  |
| 11:50:11 AM | Mr. Wuetcher, PSC             |   |
|             | Note: Ernst, Melinda          | Questioned the witness on ways to finance upgrades of the existing system.  |
|             | Note: Ernst, Melinda          | Mr. Wuetcher questioned the witness on reconnection charges that<br>have increased in this application. He inquired as to how the<br>customer is assessed the reconnection charges and asked whether<br>the process will remain the same if the modifications requested in<br>the application are approved. |
|             | Note: Ernst, Melinda          | Continued to question Ms. Bridwell regarding KAWC's expansion<br>efforts to neighboring water systems and communities. He<br>questioned the witness regarding KAWC's unified rate structure. He<br>referred to testimony previously provided on June 4 in this case.  |
|             | Note: Ernst, Melinda          | He referred to Ms. Bridwell's rebuttal testimony regarding the calculation of usage.  |
|             | Note: Ernst, Melinda          | Questioned Ms. Bridwell regarding the increase in revenues for public fire hydrants. He questioned the witness about weather normalization and models used to determine these figures.  |
|             | Note: Ernst, Melinda          | Questioned KAWC counsel if there were objections to additional written questions to Carl Myers, Director of Income Tax, AWWC.   |
| 12:11:12 PM | PSC Post Hearing Data Request |   |
|             | Note: Ernst, Melinda          | Mr. Wuetcher requested the methodology of calculations on 88 gallons of usage per customer per day as outlined in Ms. Bridwell's rebuttal testimony.  |
| 12:11:48 PM | Vice Chairman Gardner         |   |
|             | Note: Ernst, Melinda          | Questioned Ms. Bridwell regarding water services to the city of<br>Midway. He further questioned the significant increase in the<br>customer charge and its connection to AMR meters. He asked if<br>there had been a reduction in the number of meter readers due to<br>the use of AMR meters.             |

|             | Note: Ernst, Melinda            | He questioned her response in LFUCG Exhibit 3 regarding expansion<br>activities and whether KAWC has the capacity to provide needed<br>water services.  |
|-------------|---------------------------------|---|
|             | Note: Ernst, Melinda            | Questioned Ms. Bridwell's responses regarding KAWC's call centers,<br>the reduction in the number of calls received, and the budgeted<br>amounts for those calls  |
| 12:22:54 PM | Post Hearing Data Request 22    |   |
|             | Note: Ernst, Melinda            | Vice Chairman Gardner requested the breakdown in the calculation of a 6 percent increase in the call center budget.   |
| 12:24:02 PM | Vice Chairman Gardner           |   |
|             | Note: Ernst, Melinda            | He questioned Mr. Ingram and Ms. Bridwell regarding total water<br>sales outlined in OAG Exhibit 3-Confidential. He further questioned<br>Ms. Bridwell regarding methodology of rate configuration and the<br>effect of weather normalization on rates and sales volumes. |
|             | Note: Ernst, Melinda            | He referred the witness to page 38 of her direct testimony. He questioned the meaning of her response.  |
|             | Note: Ernst, Melinda            | Questioned the witness regarding figures included in KAWC's response to PSC's Staff First Request for Information, Item 10.   |
| 12:39:35 PM | Post Hearing Data Request 23    |   |
|             | Note: Ernst, Melinda            | Vice Chairman Gardner requested the information on base usage per customer class for ten years.   |
| 12:41:44 PM | PSC Post Hearing Data Request 2 | 24  |
|             | Note: Ernst, Melinda            | Vice Chairman Gardner requested KAWC submit a comparison of the declining use figures from November 2012 to April 2013 and the two prior years.   |
| 12:43:42 PM | Post Hearing Data Request 25    |   |
|             | Note: Ernst, Melinda            | Vice Chairman Garder requested KAWC submit data for the six months used to normalize for weather in calculating declining use.  |
| 12:44:14 PM | Commissioner Breathitt          |   |
|             | Note: Ernst, Melinda            | She questioned the witness regarding cost of service and the largest item increase in the cost of service.  |
|             | Note: Ernst, Melinda            | Questioned Ms. Bridwell regarding the addition of customer service<br>classifications and DSIC and purchase power and chemical charges.<br>KAWC is requesting approval from the PSC for automatic rate<br>adjustments for these items.                                    |
| 12:48:58 PM | Chairman Armstrong              |   |
|             | Note: Ernst, Melinda            | Referred to the lack of water resources available and questioned the witness regarding the amount of Kentucky River water used by KAWC.   |
| 12:54:15 PM | Session Paused                  |   |
| 2:07:47 PM  | Session Resumed                 |   |
| 2:08:05 PM  | OAG Hearing Exhibit 8           |   |
|             | Note: Ernst, Melinda            | KAW Estimated Per Capital Usage submitted in Case No. 2007-00134.   |
| 2:09:06 PM  | Mr. Spenard, OAG                |   |
|             | Note: Ernst, Melinda            | Introduced OAG Exhibit 8. He questioned Ms. Bridwelll regarding<br>her rebuttal testimony, page 9. He requested clarification of the the<br>data included on the graph.   |
| 2:12:05 PM  | Commissioner Breathitt          |   |
|             | Note: Ernst, Melinda            | Requested clarification of Ms. Bridwell's testimony regarding customer usage per day.   |
| 2:12:47 PM  | Post Hearing Data Request 26    |   |
|             | Note: Ernst, Melinda            | Mr. Spenard requested KAWC submit a color copy of OAG Exhibit 8 containing data from 2006 through 2011.   |

| 2:16:37 PM  | Mr. Barberie, LFUCG                        |  |
|-------------|--|--|
|             | Note: Ernst, Melinda                       | Questioned Ms. Bridwell regarding the ability of the treatment plant to serve customers.   |
| 2:17:36 PM  | Post Hearing Data Request 27               |  |
|             | Note: Ernst, Melinda                       | Mr. Barberie requested a copy of KAWC's contract with the city of Georgetown on fire hydrants and/or a copy of the ordinance.  |
| 2:19:27 PM  | Post Hearing Data Request 28               |  |
|             | Note: Ernst, Melinda                       | Mr. Wuetcher requested an itemized list for the cost of each project included in KAWC's response to PSC Staff's Third Data Request, Item 20, page 2 of 2. Include an explanation of any costs total \$100 or more. He further requested to know which projects were not competitively bid and the reason(s) why. |
| 2:22:14 PM  | Mr. Wuetcher, PSC                          |  |
|             | Note: Ernst, Melinda                       | Questioned Ms. Bridwell regarding the proposed changes in<br>classification. A change in classification may result in a change in<br>revenues and taxes.   |
|             | Note: Ernst, Melinda                       | Questioned Ms. Bridwell regarding the 30+ percent water loss for<br>the Northern Division and the effect on the entire KAWC system. He<br>questioned whether KAWC had studied possible ways to reduce the<br>water loss for the Northern Division to 15 percent or below.  |
|             | Note: Ernst, Melinda                       | Questioned Ms. Bridwell regarding the customer call center and the increase in cost from the last rate case.   |
|             | Note: Ernst, Melinda                       | Questioned the witness regarding line loss in KAWC response to PSC<br>Staff's Third Request for Iinformation, Item 33. He further<br>questioned the reasoning for separate Northern and Central<br>Divisions if KAWC uses a unified rate base.   |
| 2:37:58 PM  | Post Hearing Data Request 29               |  |
| 2.37.30 111 | Note: Ernst, Melinda                       | Mr. Wuetcher requested KAWC submit data on the expected chemical expense for KRS 2, power expense for KRS 2, and purchase power expense related to Northern Division for pumping.  |
| 2:39:46 PM  | Vice Chairman Gardner                      |  |
|             | Note: Ernst, Melinda                       | Questioned the witness regarding cost calculations for the call center.  |
|             | Note: Ernst, Melinda                       | Questioned Ms. Bridwell regarding weather normalization figures and the months used to determine the data.   |
| 2:44:24 PM  | Post Hearing Data Request 30               |  |
|             | Note: Ernst, Melinda                       | Vice Chairman Gardner requested an outline of changes in cost<br>allocation for the call centers from year to year including the<br>percentage of call volume prior to the change in contracts and<br>afterward.   |
| 2:45:49 PM  | Vice Chairman Gardner                      |  |
|             | Note: Ernst, Melinda                       | Questioned Ms. Bridwell regarding testimony provided by Stephen<br>Rackers, Consultant, Brubaker & Associates, Inc. and calculation of<br>the declining water use.   |
| 2:48:38 PM  | Mr. Ingram, KAWC                           |  |
|             | Note: Ernst, Melinda                       | Redirect question to Ms. Bridwell in order to clarify her testimony regarding weather normalization.   |
| 2:49:45 PM  | Chairman Armstrong<br>Note: Ernst, Melinda | Excused Witness Ms. Bridwell.  |
| 2:50:06 PM  | Mr. Ingram, KAWC                           |  |
|             | Note: Ernst, Melinda                       | Called Gary Ver Douw, Director of Rates, Central Division, AWWSC,<br>and verified his direct and rebuttal testimony with one correction.   |
| 2:50:28 PM  | Chairman Armstrong<br>Note: Ernst, Melinda | Swore in Mr. Ver Douw.   |
|             |  |  |

| 2:51:50 PM | Mr. Spenard, OAG                           |  |
|------------|--|--|
|            | Note: Ernst, Melinda                       | Questioned Mr. Ver Douw regarding his review of previous cases and preparation for the hearing today.  |
| 2:52:31 PM | OAG Exhibit 9; OAG Exhibit 10              |  |
|            | Note: Ernst, Melinda                       | Mr. Spenard introduced OAG Exhibit 9, Kentucky PSC Case No. 2012<br>-00512 Docket Number and Filing Date List and OAG Exhibit 10,<br>Kentucky-American Water Company Case No. 2012-00520<br>Commission Staff's Third Request for Information Response by Gary<br>VerDouw, Item 19.         |
| 2:55:29 PM | Mr. Spenard, OAG                           |  |
|            | Note: Ernst, Melinda                       | Questioned Mr. VerDouw regarding similarities in the filing of rate<br>applications outlined in OAG Exhibit 9 and OAG Exhibit 10. He<br>further questioned Mr. VerDouw regarding his rebuttal testimony,<br>page 9.  |
| 3:04:53 PM | OAG Exhibit 11                             |  |
|            | Note: Ernst, Melinda                       | Order filed in PSC Case No. 10423, The Tariff Application of<br>Kentucky-American Water Company Procedure for Computing<br>Revenue Requirements received 05/10/1989.   |
| 3:07:32 PM | Post Hearing Data Request 31               |  |
|            | Note: Ernst, Melinda                       | Mr. Spenard requested the percentage amount of KAWC's chemical and purchase power for total cost of service.   |
| 3:08:13 PM | OAG Exhibit 12; OAG Exhibit 13             |  |
|            | Note: Ernst, Melinda                       | Mr. Spenard introduced OAG Exhibit 12 Resolution Endorsing and<br>Co-Sponsoring "The Distribution System Improvement Charge"; OAG<br>Exhibit 13 Resolution Supporting Consideration of Regulatory Policies<br>Deemed as "Best Practices."  |
| 3:11:58 PM | Mr. Wuetcher, PSC                          |  |
|            | Note: Ernst, Melinda                       | Questioned Mr. VerDouw regarding his rebuttal testimony on<br>customer information software purchased by various utility<br>companies and average cost to customers to purchase those<br>systems. He further questioned the witness regarding AWWC's and<br>KAWC's leak detection efforts. |
| 3:17:22 PM | Mr. VerDouw                                |  |
|            | Note: Ernst, Melinda                       | Testified regarding AWWC's and KAWC's efforts to maintain clean, affordable water for its customers.   |
| 3:22:38 PM | Mr. Wuetcher, PSC                          |  |
|            | Note: Ernst, Melinda                       | Questioned Mr. VerDouw regarding the use of historical test periods<br>to obtain data to predict anticipated revenue requirements. He<br>continued examination of Mr. VerDouw regarding his direct and<br>rebuttal testimony regarding DSIC.   |
|            | Note: Ernst, Melinda                       | Questioned witness regarding his previous testimony to Mr. Spenard regarding total purchase power and chemical expense cost.   |
| 3:38:26 PM | Mr. Ingram, KAWC                           |  |
|            | Note: Ernst, Melinda                       | Questioned witness on redirect regarding a confidential<br>comprehensive planning study that was provided in response to an<br>OAG request.  |
| 3:40:20 PM | Mr. Wuetcher, PSC                          |  |
|            | Note: Ernst, Melinda                       | Questioned the witness if the study was itemized by state. He further questioned the witness regarding Mr. Baker's telephonic testimony provided in this hearing on 06/04/2013.  |
| 3:44:58 PM | Chairman Armstrong<br>Note: Ernst, Melinda | Excused the witness.   |
| 3:45:17 PM | Session Paused                             |  |
| 3:59:30 PM | Session Resumed                            |  |

| 3:59:35 PM | Mr. Spenard OAG                            |  |
|------------|--|--|
|            | Note: Ernst, Melinda                       | Called Stephen Rackers, Consultant, Brubaker & Associates, Inc., to testify and verified his testimony with minor changes.   |
| 4:00:49 PM | Chairman Armstrong                         |  |
|            | Note: Ernst, Melinda                       | Swore in the witness.  |
| 4:01:07 PM | Mr. Ingram, KAWC                           |  |
|            | Note: Ernst, Melinda                       | Questioned Mr. Rackers regarding SMR 1 working papers and figures<br>contained therein on working capital. He further questioned the<br>witness regarding OAG's response to PSC Staff's Request for<br>Information, Question 17 on working capital.  |
|            | Note: Ernst, Melinda                       | He questioned Mr. Rackers regarding his testimony, page 12 on DSIC. He continued to question the witness regarding his testimony and projections in this case.   |
|            | Note: Ernst, Melinda                       | Questioned Mr. Rackers regarding OAG's response to PSC Staff's<br>Request for Information, Question 13 and inclusion of a FIN 48 in<br>rate base.  |
|            | Note: Ernst, Melinda                       | Questioned witness regarding KAWC's history of rate cases on working capital and revenue requirement.  |
|            | Note: Ernst, Melinda                       | He further questioned the witness regarding KAWC's decision to discontinue the billing contract with LFUCG. He questioned Mr. Rackers' expected obligation of KAWC to locate services to replace those being terminated with LFUCG.  |
| 4:02:13 PM | Camera Lock Deactivated                    |  |
| 4:26:44 PM | Mr. Wuetcher, PSC                          |  |
|            | Note: Ernst, Melinda                       | Questioned Mr. Rackers regarding rainfall levels and water usage<br>levels in 2012. He questioned Mr. Rackers' reasoning for using 2012<br>as a normal year. He further questioned the witness regarding his<br>direct testimony.  |
| 4:33:42 PM | Mr. Spenard, OAG                           | · · · · · · · · · · · · · · · · · · ·  |
|            | Note: Ernst, Melinda                       | Questioned Mr. Rackers on redirect to clarify whether his testimony<br>was his own or testimony of the OAG. Questioned the witness<br>regarding his attempt to attain information from KAWC regarding<br>customer account numbers.   |
| 4:38:54 PM | Mr. Ingram, KAWC                           |  |
|            | Note: Ernst, Melinda                       | Agreed that Mr. Rackers had made a good faith effort to obtain information from KAWC.  |
| 4:39:30 PM | Vice Chairman Gardner                      |  |
|            | Note: Ernst, Melinda                       | Questioned Mr. Rackers regarding the Missouri Commission's rejection of his argument on FIN 48. He further questioned the witness regarding his testimony on revenue requirement adjustments.  |
| 4:43:25 PM | Chairman Armstrong                         |  |
| 4:43:45 PM | Note: Ernst, Melinda<br>Ms. Hans, OAG      | Excused Witness Mr. Rackers.   |
|            | Note: Ernst, Melinda                       | Called Brian Kalcic, Principal, Excel Consulting, as a witness. She verified his testimony. Mr. Kalcic stated he is testifying for OAG and LFUCG.  |
| 4:44:50 PM | Chairman Armstrong<br>Note: Ernst, Melinda | Swore in the witness.  |
| 4:45:08 PM | Ms. Skidmore, CAC                          |  |
|            | Note: Ernst, Melinda                       | Questioned Mr. Kalcic regarding the cost-of-service study and<br>recommended rate design and classification. She questioned the<br>witness on his methodology of revenue allocations and whether he<br>agrees with Mr. Rackers calculations on revenue requirement and<br>working capital. |

|            | Note: Ernst, Melinda   | Questioned witness further regarding his written testimony. Ms.<br>Skidmore asked the witness if he had taken into consideration any<br>issues of low-income customers before he offered figures on rate<br>design and cost-of-service study.   |
|------------|------------------------|---|
| 5:02:03 PM | Mr. Wuetcher, PSC      |   |
|            | Note: Ernst, Melinda   | Questioned Mr. Kalcic on his direct testimony regarding proposed customer service charges.  |
| 5:07:48 PM | Vice Chairman Gardner  |   |
|            | Note: Ernst, Melinda   | Questioned Mr. Kalcic regarding customer charges indicated by the cost-of-service study.  |
| 5:10:24 PM | Chairman Armstrong     |   |
|            | Note: Ernst, Melinda   | Excused Witness Mr. Kalcic.   |
| 5:10:49 PM | Mr. Barberie, LFUCG    |   |
|            | Note: Ernst, Melinda   | Called William O'Mara, Commissioner of Finance, LFUCG, and verified his testimony.  |
| 5:11:25 PM | Commissioner Armstrong |   |
|            | Note: Ernst, Melinda   | Swore in the witness.   |
| 5:12:04 PM | Mr. Ingram, KAWC       |   |
|            | Note: Ernst, Melinda   | Questioned Mr. O'Mara regarding his testimony and third-party<br>billing services which included sewer, storm water, and landfill<br>services offered by the city of Lexington. He further questioned the<br>witness regarding the decrease in collection rate of billing services<br>provided by LFUCG.                    |
| 5:16:59 PM | Mr. O'Mara, LFUCG      |   |
|            | Note: Ernst, Melinda   | Testified regarding the termination of the billing services contract with KAWC and affects of the termination of that contract.   |
| 5:19:13 PM | Mr. Ingram, KAWC       |   |
|            | Note: Ernst, Melinda   | Provided a copy of KAWC Exhibit 1 to Mr. O'Mara and questioned<br>LFUCG's awareness of KAWC's wish to terminate the billing services<br>contract. He further questioned whether it was a benefit to citizens<br>of Lexington to terminate the billing services contract and the effects<br>the termination of that contract |
| 5:22:58 PM | KAWC Exhibit 3         |   |
|            | Note: Ernst, Melinda   | Printed news report from WKYT 27 and WYMT entitled, "Water and sewer bills to be separated in Lexington."   |
| 5:24:59 PM | Mr. Wuetcher, PSC      |   |
|            | Note: Ernst, Melínda   | Questioned the witness regarding the billing services contract<br>between LFUCG and KAWC and the drop in services that occurred.<br>He further questioned the witness regarding the change in<br>accounting methods approved by the PSC for KAWC in 2010 and the<br>effects those changes had on LFUCG and its customers.   |
| 5:34:16 PM | Vice Chairman Gardner  |   |
|            | Note: Ernst, Melinda   | Questioned Mr. O'Mara regarding slippage reduction in payments<br>LFUCG received following the termination of the billing services<br>contract and anticipated growth in revenue.   |
| 5:36:22 PM | Commissioner Breathitt |   |
|            | Note: Ernst, Melinda   | Questioned Mr. O'Mara regarding the upgrade of its computer platform. She further questioned the witness regarding the effects of the termination of the billing services contract.   |
| 5:40:16 PM | Chairman Armstrong     |   |
|            | Note: Ernst, Melinda   | Excused Witness Mr. O'Mara.   |
| 5:40:38 PM | Ms. Skidmore, CAC      |   |
|            | Note: Ernst, Melinda   | Called Jack Burch, Executive Director, Community Action Council, to testify and verified his testimony with one correction on page 12.  |
| 5:41:29 PM | Chairman Armstrong     |   |
|            | Note: Ernst, Melinda   | Swore in the witness.   |

| 5:42:13 PM | Ms. Braun, KAWC                                |  |
|------------|--|--|
|            | Note: Ernst, Melinda                           | Questioned regarding his written testimony regarding rate increases<br>and KAWC's contribution to H2O. She further questioned Mr. Burch<br>regarding Community Action Kentucky and lobbying actions of that<br>organization. |
|            | Note: Ernst, Melinda                           | Questioned Mr. Burch regarding collaborative efforts with CAC,<br>KAWC, OAG and LFUCG. She questioned meetings among<br>collaborative members and the lack of legislation proposed<br>regarding inclining block rates.       |
| 5:52:21 PM | KAWC Exhibit 4                                 |  |
|            | Note: Ernst, Melinda                           | Press Release from West Virginia American Water entitled, "West<br>Virginia American Water Petitions PSC to Approve Discount Program<br>for Low-Income Customers."   |
| 5:55:50 PM | Ms. Braun, KAWC                                |  |
|            | Note: Ernst, Melinda                           | Questioned Mr. Burch regarding KAWC Exhibit 4. She further<br>questioned the witness regarding the average household income<br>and size.   |
| 5:58:00 PM | KAWC Exhibit 5                                 |  |
|            | Note: Ernst, Melinda                           | Median Income Per Household Size in Kentucky.  |
| 6:01:20 PM | Ms. Hans, OAG                                  |  |
|            | Note: Ernst, Melinda                           | Questioned the witness regarding the testimony of affordability of water.  |
| 6:01:56 PM | Ms. Wuetcher, PSC                              |  |
|            | Note: Ernst, Melinda                           | Questioned Mr. Burch regarding membership of the collaborative<br>and its efforts to expand the membership to other utilities or groups<br>in support of low-income consumers.   |
| 6:06:34 PM | Vice Chairman Gardner                          |  |
|            | Note: Ernst, Melinda                           | Questioned Mr. Burch regarding concerns CAC held for service to low-income customers.  |
| 6:07:50 PM | Ms. Skidmore, CAC                              |  |
|            | Note: Ernst, Melinda                           | Questioned the witness on redirect regarding other options of the collaborative and interest in those options by the member organizations.   |
| 6:10:09 PM | Mr. Wuetcher, PSC                              |  |
|            | Note: Ernst, Melinda                           | Questioned Mr. Burch regarding a report filed by KAWC in response to paragraph 10.   |
| 6:11:48 PM | Post Hearing Data Request 32                   |  |
|            | Note: Ernst, Melinda                           | Vice Chairman Gardner requested an updated report on<br>collaborative efforts of KAWC, OAG, LFUCG, and CAC.  |
| 6:12:34 PM | Chairman Armstrong                             |  |
|            | Note: Ernst, Melinda                           | Excused Witness Mr. Burch.   |
| 6:14:11 PM | Mr. Ingram, KAWC                               |  |
|            | Note: Ernst, Melinda                           | Requested 15 days in which to submit Post Hearing Data Request.<br>A list of those requests will be submitted to all parties.  |
| 6:15:35 PM | Commissioner Armstrong<br>Note: Ernst, Melinda | Closing remarks and the hearing adjourned  |
| 6:17:13 PM | Session Ended                                  |  |





# Kentucky-American Water Company

| Name:            | Description:   |
|------------------|--|
| CAC Exhibit 01   | Kentucky.com Herald Leader Editorial Published 05/23/13  |
| CAC Exhibit 02   | Order in Case No. 2010-00036, Pages 73-76  |
| KAWC Exhibit 01  | Email message from Cheryl A. Taylor to William O'Mara and Jane Driskell dated 07/01/2011                           |
| KAWC Exhibit 02  | KAWC Monthly Reconnect Fees 01/2012-03/2013  |
| KAWC Exhibit 03  | WKYT 27 News Report "Water and Sewer Bills to be Separated in Lexington"   |
| KAWC Exhibit 04  | Press Release "West Virginia American Water Petitions PSC to Approve Discount<br>Program for Low-Income Customers" |
| KAWC Exhibit 05  | Median Income per Household Size in Kentucky, American Community Survey  |
| LFUCG Exhibit 01 | KAWC Bill dated 03/22/11 Redacted  |
| LFUCG Exhibit 02 | KAWC's Response to LFUCG First Request for Infomation, Question 30   |
| LFUCG Exhibit 03 | KAWC's Response to LFUCG First Request for Information, Question 6   |
| LFUDG Exhibit 04 | KAWC Tariff PSC KY No. 6 Seventh Revised Sheet No. 28.1 Cancelling Sixth Revised Sheet No. 28.1                    |
| OAG Exhibit 01   | Email message from Dillard Griffin to Lance Williams dated 11/18/2008  |
| OAG Exhibit 02   | Order in Case No. 2010-00036, Page 87  |
| OAG Exhibit 03   | Order in Case No. 92-452, Pages 22-24  |
| OAG Exhibit 04   | Order in Case No. 2001-00117, Pages 25-27  |
| OAG Exhibit 05   | Order in Case No. 2007-00134, Pages 29-30  |
| OAG Exhibit 06   | KAW Estimated Per Capital Usage  |
| OAG Exhibit 07   | Case No. 2012-00512, Docket List and Filing Date   |
| OAG Exhibit 08   | KAWC's Response to Commission Staff's Third Request for Information, Question 19 in Case No. 2012-00520            |
| OAG Exhibit 09   | Order in Case No. 10423  |
| OAG Exhibit 10   | Resolution Endorsing and Co-Sponsoring "The Distribution System Improvement Charge"                                |
| OAG Exhibit 11   | Resolution Supporting Consideration of Regulatory Policies Deemed as "Best Practices"                              |
| PSC Exhibit 01   | Email from David Baker dated 08/01/2011, Billing Services Plan   |
| PSC Exhibit 02   | Email from David Baker dated 02/09/2012, "Nice win for our clients!"   |
| PSC Exhibit 03   | KAWC's Response to Commission Staff's Second Request for Information, Question 78                                  |

|          | Owenton Water treatment plant<br>Dillard Griffin to: Lance E Williams<br>Cc: kruchirk, rick.buchanan, keith.cartier | 11/18/2008 01:45 PM   |
|----------|---|---|
| History: | This message has been replied to.   |   |
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Lance, do you know the status of the investigation about the long term plans for the Owenton Water treatment plant. I know that some were looking into evaluating the site to see the probability of connecting the Owenton distribution network into the new pipeline or should we leave that plant in service. Also, do we know the status of the chemical repair and upgrade project that was planned?

I am hearing rumors that we may want to leave that plant open and not consider connecting it into the New pipeline network and that the plans are to proceed with the chemical upgrades. If this is the case then there is much more work that we need to start planning for. One being a plan for disposing of the residuals which have accumulated at the old plant site. If we are going to continue to operate the existing plant then we need a residuals plan, then we need to get into a budget a plan for this.

If you can provide an update on the status or the current thinking about the existing plant then we will know more about plans for maintenance, equipment, and some more firm multi year operating plans. with residuals disposal and the existing old plant being large items that we need to get an operating plan in place for.

Dillard Griffin Manager, Production Operations Kentucky American Water office 859 268 6340 mobile 859 537 0739 dillard.griffin@amwater.com

| OAG | EXHIBIT | · _/ |
|-----|---------|------|
|-----|---------|------|

service is terminated for non-payment. This plan shall further identify the cost of implementing such plan and the time necessary for implementation.

11. Unless the Commission otherwise directs, Kentucky-American shall implement the plan submitted in accordance with ordering paragraph 10 within 120 days of the date of this Order.

12. No later than the filing of its next application for general rate adjustment Kentucky-American shall file a revised demand management plan with the Commission.

13. a. Within 60 days of the date of this Order, Kentucky-American shall initiate the collaborative effort described in this Order by convening a meeting of all interested parties, to include all parties of record in this case, to identify and study potential regulatory and legislative solutions to enhance and improve the affordability of water service for low-income customers.

b. No later than January 31, 2011, and every month thereafter, Kentucky-American shall file with the Commission a written report on the efforts of the collaborative group to develop potential regulatory and legislative solutions to enhance and improve the affordability of water service for low-income customers.

c. No later than November 1, 2011, Kentucky-American shall file with the Commission a final written report on the collaborative group's efforts.

14. Until granted a deviation from 807 KAR 5:006, Section 14, authorizing such practice, Kentucky-American shall refrain from its practice of applying monies collected from a customer for LFUCG to landfill disposal and water quality management fees before applying those monies to LFUCG sanitary sewer charges and from terminating water service to a customer who has failed to pay fully all LFUCG fees and

Case No. 2010-00036

# OAG EXHIBIT

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| Utility Plant in Service   | <pre>\$ 151,355,296</pre>   |
|--|---|
| CWIP   | 1,970,366   |
| Deferred Maintenance   | 2,949,707   |
| Deferred Debits  | 72,252  |
| Cash Working Capital Allowance   | 2,168,000   |
| Other Working Capital Allowance  | 479,135   |
| Subtotal   | \$ 158,994,756  |
| Less:<br>Accumulated Depreciation Reserve<br>Accumulated Amortization Reserve<br>Utility Plant Acquisition Adjustment<br>Contributions In Aid Of Construction<br>Customer Advances for Construction<br>Deferred Income Taxes<br>Unamortized Investment Tax Credit<br>Subtotal<br>Rate Base | <pre>\$ 20,443,030<br/>7,869<br/>579,567<br/>9,129,549<br/>10,924,691<br/>13,099,428<br/>207,527<br/>\$ 54,391,661<br/>\$ 104,603,095</pre> |

#### Revenues

Forecasted Test Year Revenues. Kentucky-American has projected revenues for the forecasted test year to be \$29,182,279. This projection is based on a methodology regularly used by Kentucky-American to forecast revenues in the preparation of its annual operating budgets.<sup>55</sup> Kentucky-American has shown that this revenue forecasting methodology has been very accurate over the past decade.<sup>56</sup> Therefore, the projected test year operating revenues should be approved.

Nonetheless, the Commission is concerned that Kentucky-American did not sufficiently adjust forecasted test year revenues for the affects of abnormal weather. Although some utilities use

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Kentucky-American's Response to Item 81 of the Commission's Order dated March 4, 1993 and Kentucky-American's Response to Item 114 of the Commission's Order dated April 8, 1993.

<sup>&</sup>lt;sup>55</sup> Direct Testimony of Edwin L. Oxley, filed on January 22, 1993, pages 4-5.

econometric models to forecast water sales and adjust revenues for normal weather, Kentucky-American believes its budgeting process, which is a system-wide approach that implicitly considers usage patterns, customer growth, and weather factors, is a reasonable means upon which to base its rate request.<sup>57</sup> Even though this budgeting process has performed well in the past, Kentucky-American should begin immediately to develop in-house expertise in weather normalization models and econometric techniques in order to improve its short-term revenue forecasting capabilities.

Nor has Kentucky-American made any attempt to determine the impact of water management and conservation programs on its future water sales. It merely projects water savings to continue at 1992 levels throughout the forecasted test year.<sup>58</sup> Regrettably, given the limited nature of Kentucky-American's conservation efforts and the fact that no new programs will be implemented during the test year, Kentucky-American's assumption of static water savings is probably reasonable. By the time of its next rate case, Kentucky-American should markedly improve its ability to forecast the impact on water sales of conservation programs and its commitment to water conservation efforts.

<sup>&</sup>lt;sup>57</sup> Kentucky-American's Response to Item 27 of the Commission's Order dated April 8, 1993.

<sup>&</sup>lt;sup>58</sup> Transcript of Evidence, Vol. II, pages 343-344; Kentucky-American's Response to Item 87 of the Commission's Order dated March 4, 1993; and Kentucky-American's Response to Item 29 of the Commission's Order dated April 8, 1993.

Kentucky-American was questioned about its methodologies to make assumptions, adjustments and projections underlying its revenue forecast due to a lack of clear and concise information in the testimony, workpapers and exhibits. Should Kentucky-American again utilize a future test period, the process used to forecast revenues must be clearly described and illustrated.

Allowance for Funds Used During Construction ("AFUDC"). Kentucky-American included AFUDC of \$203,824 in its forecasted operating revenues. The Commission has recalculated AFUDC of \$101,152 based on adjusted CWIP available for AFUDC and the rate of return found reasonable herein. This results in a decrease to operating revenue of \$102,672 and a decrease to net operating income of \$62,173.

#### Expenses

Kentucky-American reported base period utility operating income of \$8,615,890<sup>59</sup> and forecasted utility operating income of \$8,964,969.<sup>60</sup> The forecast is reasonable and has been accepted for rate-making purposes with the following exceptions:

<u>Fuel and Power</u>. Kentucky-American applied its forecasted pumpage to a 6-year average of actual kwh per million gallons to arrive at total kwh required. In some instances, Kentucky-American used operational judgement to adjust the averages. The forecasted

<sup>59</sup> Kentucky-American Exhibit 38, Schedule A, page 1 of 1.

<sup>60</sup> Id.

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| Utility Plant Acquisitions Adjustment(125,986)Accumulated Depreciation(29,426,200)Accumulated Amortization(7,674)Net Utility Plant Investment\$ 150,561,351CWIP2,802,902Working Capital Allowance903,476Other Working Capital Allowance394,263Contributions In Aid Of Construction(13,014,723)Customer Advances(11,480,600)Deferred Income Taxes(17,057,461)Deferred Investment Tax Credits(181,139)Deferred Debits396,318Contract Retention(173,283) | Utility Plant                         | \$ 180,121,211        |
|---|---------------------------------------|-----------------------|
| Accumulated Amortization(7,674)Net Utility Plant Investment\$ 150,561,351CWIP2,802,902Working Capital Allowance903,476Other Working Capital Allowance394,263Contributions In Aid Of Construction(13,014,723)Customer Advances(11,480,600)Deferred Income Taxes(17,057,461)Deferred Investment Tax Credits(181,139)Deferred Debits396,318Contract Retention(173,283)   | Utility Plant Acquisitions Adjustment | (125,986)             |
| Net Utility Plant Investment\$ 150,561,351CWIP2,802,902Working Capital Allowance903,476Other Working Capital Allowance394,263Contributions In Aid Of Construction(13,014,723)Customer Advances(11,480,600)Deferred Income Taxes(17,057,461)Deferred Investment Tax Credits(181,139)Deferred Debits396,318Contract Retention(173,283)  | Accumulated Depreciation              | (29,426,200)          |
| CWIP2,802,902Working Capital Allowance903,476Other Working Capital Allowance394,263Contributions In Aid Of Construction(13,014,723)Customer Advances(11,480,600)Deferred Income Taxes(17,057,461)Deferred Investment Tax Credits(181,139)Deferred Debits396,318Contract Retention(173,283)  | Accumulated Amortization              | (7,674)               |
| Working Capital Allowance903,476Other Working Capital Allowance394,263Contributions In Aid Of Construction(13,014,723)Customer Advances(11,480,600)Deferred Income Taxes(17,057,461)Deferred Investment Tax Credits(181,139)Deferred Maintenance2,926,635Deferred Debits396,318Contract Retention(173,283)  | Net Utility Plant Investment          | \$ 150,561,351        |
| Other Working Capital Allowance394,263Contributions In Aid Of Construction(13,014,723)Customer Advances(11,480,600)Deferred Income Taxes(17,057,461)Deferred Investment Tax Credits(181,139)Deferred Maintenance2,926,635Deferred Debits396,318Contract Retention(173,283)  | CWIP                                  | 2,802,902             |
| Contributions In Aid Of Construction(13,014,723)Customer Advances(11,480,600)Deferred Income Taxes(17,057,461)Deferred Investment Tax Credits(181,139)Deferred Maintenance2,926,635Deferred Debits396,318Contract Retention(173,283)  | Working Capital Allowance             | 903,476               |
| Customer Advances(11,480,600)Deferred Income Taxes(17,057,461)Deferred Investment Tax Credits(181,139)Deferred Maintenance2,926,635Deferred Debits396,318Contract Retention(173,283)  | • •                                   | 394,263               |
| Deferred Income Taxes(17,057,461)Deferred Investment Tax Credits(181,139)Deferred Maintenance2,926,635Deferred Debits396,318Contract Retention(173,283)   | Contributions In Aid Of Construction  | (13,014,723)          |
| Deferred Investment Tax Credits(181,139)Deferred Maintenance2,926,635Deferred Debits396,318Contract Retention(173,283)  |                                       | (11,480,600)          |
| Deferred Maintenance2,926,635Deferred Debits396,318Contract Retention(173,283)  |                                       | (17,057,461)          |
| Deferred Debits 396,318<br>Contract Retention (173,283)   | Deferred Investment Tax Credits       | (181,139)             |
| Contract Retention (173,283)  |                                       | 2,926,635             |
|   |                                       | 396,318               |
|   | Contract Retention                    | (173,283)             |
| Net Investment Rate Base <u>\$ 116,077,739</u>  | Net Investment Rate Base              | <u>\$ 116,077,739</u> |

#### Income Statement

Kentucky-American reported base period and forecasted period net utility operating income of \$10,296,264 and \$9,595,949, respectively.<sup>55</sup> Kentucky-American's forecast is reasonable and has been accepted for rate-making purposes with the following exceptions:

<u>Weather Normalization</u>. In Case No. 92-452, Kentucky-American began using a forecasted test year to support its rate application. At that time, the Commission directed Kentucky-American to begin weather normalizing its water demand projections for selected customer classes. The Commission was aware that Kentucky-American lacked sufficient data to build a rigorous model. Consequently, Kentucky-American has been employing a two step weather normalization procedure.<sup>56</sup> First, an annual series of

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<sup>&</sup>lt;sup>55</sup> Exhibit 38, Schedule A, page 1.

<sup>&</sup>lt;sup>56</sup> Direct Testimony of Edward J. Grubb, pages 17-18 and KAWC Workpapers W/P-2-2.

weather forecasts is obtained using monthly data for each year of data. Then to further account for weather variations over time, the annual forecasts are averaged together.

The AG, criticizing Kentucky-American's forecasting procedure as being inherently flawed and too imprecise to generate reliable forecasts, recommended that Kentucky-American be ordered to construct a more statistically sound weather normalization model.<sup>57</sup> The AG conceded the existence of flaws in his own weather normalization model and acknowledged that his corrected forecasts were very close to Kentucky-American's.<sup>58</sup> Based upon the assumption that Kentucky-American continues to file rate cases on a regular basis, the AG recommended that Kentucky-American's obligation to weather normalize its demand forecasts be reconsidered.<sup>59</sup>

Taken broadly, the Commission finds merit in the AG's criticism of Kentucky-American's weather normalization procedure. Due to the frequency of Kentucky-American rate case filings, its forecasts tend to be short term in nature and any systematic forecasting error present in the model will tend to be small. However, if the time between Kentucky-American's rate cases should lengthen, the reliability of its forecasts could erode quickly. The Commission finds that Kentucky-American's weather normalization procedures are reasonable for the short-run and, therefore, appropriate for use in this case. However, in its next rate case Kentucky-American should, in addition

<sup>&</sup>lt;sup>57</sup> See generally Rubin Direct Testimony at Section V, Rebuttal, Rubin Surrebuttal, and Brief of AG, page 13.

<sup>&</sup>lt;sup>58</sup> Id. and Transcript of Evidence ("T.E."), Vol. II, pages 151-161, 178-188.

<sup>&</sup>lt;sup>59</sup> Brief of AG, page 13.

to using its own weather normalization procedures, construct and utilize a single model based upon all the reliable data available.

Monthly Billing. Kentucky-American has proposed to implement monthly meter reading and billing for all customers. Currently, Kentucky-American bills a small number of customers on a monthly basis with the majority of customers billed on a quarterly basis. Kentucky-American cited numerous advantages to itself and its customers with monthly billing. These include improved cash flow and budgeting, the ability to identify leaks in a more timely manner and lower customer payments for hidden leaks, resulting in better utility-customer relations. In addition, uncollectible expense should decrease as a result of a shorter billing period and customers will be sent more timely signals regarding their water usage and its cost. Many customers will also find it easier to budget due to a monthly bill rather than a quarterly bill.<sup>60</sup>

All parties of record (except the limited intervenor who neither appeared at the hearing or otherwise participated in the case) agreed that monthly billing would be in the best interest of both Kentucky-American and its customers. The Commission finds that Kentucky-American's proposal to implement monthly meter reading and billing is reasonable and is approved.

<u>Cell Site Revenue</u>. The AG proposed an adjustment to increase revenue by \$2,000 for the potential lease to BellSouth Mobility of a site next to the Lexington Reservoir to locate a cellular telephone antenna.<sup>51</sup> The adjustment was based on

<sup>&</sup>lt;sup>50</sup> Direct Testimony of Roy W. Mundy II, pages 8-9.

<sup>&</sup>lt;sup>61</sup> Direct Testimony of Thomas C. DeWard, Schedule 18.

Deferred Debits380,571Contract Retention(173,792)Accrued Pension Expense(242,540)Unclaimed Extension Deposit Refunds(74,882)Unamortized KU Refund(47,562)Meter Deviation - Net Plant Savings(63,940)Net Investment Rate Base\$ 125,749,355

#### Income Statement

Kentucky-American reported base period and forecasted period net utility operating income of \$10,408,700 and \$10,899,642, respectively.<sup>58</sup> Kentucky-American's forecast is reasonable and has been accepted for rate-making purposes with the following exceptions:

<u>Weather Normalization</u>. In Kentucky-American's last rate case, Case No. 95-554, it used a two step weather normalization procedure to adjust test period operating revenues. The Commission found that, for short-term use, Kentucky-American's model was sufficient, but if the time between rate cases should lengthen, the reliability of Kentucky-American's forecasts could erode quickly. Therefore, the Commission ordered Kentucky-American to develop a more rigorous single model based upon all the reliable data available.

In the instant case, Kentucky-American constructed and utilized a statistical weather normalization model which uses actual and historical meteorological data and other known predictor variables to predict customer water utilization or sales levels. These weather-normalized sales levels are then applied to forecasted number of bills for the various customer classes to determine projected test period operating revenues.

58

Exhibit 38, Schedule C-2, page 1.



Following preliminary tests on its new model, Kentucky-American found that the significant predictor variables are a drought severity index, calendar month, and calendar year. Kentucky-American modified its weather normalization model to include only these variables. Furthermore, preliminary tests proved that the water utilization levels of only four customer classes proved to be sensitive to weather, namely, the residential, commercial quarterly, commercial monthly, and Other Public Authority ("OPA") monthly classes. Kentucky-American's final weather normalization model was then used to predict sales levels for these four customer classes.

The Commission is satisfied that Kentucky-American has constructed a reasonable and appropriate weather normalization model which will reliably predict water utilization or sales levels for customer classes whose water usage is sensitive to changes in weather conditions. The Commission accepts Kentucky-American's weather normalization model for use in this case.

Monthly OPA Sales. Kentucky-American's projected weather normalized monthly OPA sales included sales to the Bluegrass Army Depot ("Depot"). According to Kentucky-American, the Depot had abnormally high usage from January 1992 through February 1994 apparently due to numerous water leaks. Therefore, Kentucky-American used operational judgment to forecast a realistic sales level.<sup>59</sup> The AG maintains that forecasted weather normalized sales data for the OPA class should exclude sales to the Depot. Kentucky-American agreed and proposed to increase its net revenue amount by

<sup>59</sup> 

Kentucky-American Response to Item 16 of the AG's Second Data Request.

OAG hearing ach 8

**EXHIBIT B** 

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1

# KAW Estimated Per Capital Usage



OAG EXHIBIT
# KY PSC CASE NO. 2012-00512

|    | Docket Number     | Filing Date |
|----|-------------------|-------------|
| 1  | Case No. 9482     | 17-Jan-86   |
| 2  | Case No. 10069    | 1-Dec-87    |
| 3  | Case No. 10481    | 3-Jan-89    |
| 4  | Case No. 89-348   | 28-Dec-89   |
| 5  | Case No. 90-321   | 27-Nov-90   |
| 6  | Case No. 91-361   | 27-Nov-91   |
| 7  | Case No. 92-452   | 22-Dec-93   |
| 8  | Case No. 94-197   | 29-Jun-94   |
| 9  | Case No. 95-554   | 30-Jan-96   |
| 10 | Case No. 97-034   | 28-Feb-97   |
| 11 | Case No. 2000-120 | 28-Apr-00   |
| 12 | Case No. 2004-103 | 30-Apr-04   |
| 13 | Case No. 2007-143 | 30-Apr-07   |
| 14 | Case No. 2008-427 | 31-Oct-08   |
| 15 | Case No. 2010-36  | 26-Feb-10   |
| 16 | Case No. 2012-520 | 28-Dec-12   |

### KENTUCKY-AMERICAN WATER COMPANY CASE NO. 2012-00520 COMMISSION STAFF'S THIRD REQUEST FOR INFORMATION

#### Witness: Gary M. VerDouw

19. List each American Water subsidiary that currently uses a tariff rider similar to Kentucky-American's proposed DSIC and state the frequency of its general rate adjustment proceedings for the 10 years prior to implementing the tariff rider and the frequency of general rate adjustment proceedings since adopting the tariff rider.

### **Response:**

Please see the attached schedule.



#### Exhibit GMV Reb-4

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Response to Commission's Third Request for Information Item 19

| Company               | Docket No.                | Filing Date                  | Days            | Years      |
|-----------------------|---------------------------|------------------------------|-----------------|------------|
| Pennsylvania American | R-860397                  | 4/30/1986                    |                 |            |
|                       | R-870825                  | 10/2/1987                    | 520.00          | 1.4        |
|                       | R-891208                  | 1/27/1989                    | 483.00          | 1.3        |
|                       | R-901652                  | 3/16/1990                    | 413.00          | <b>1.1</b> |
|                       | R-911909                  | 7/19/1991                    | 490.00          | 1.3        |
|                       | R-922428                  | 7/24/1992                    | 371.00          | 1.0        |
|                       | R-932670                  | 10/28/1993                   | 461.00          | 1.3        |
|                       | R-943231                  | 10/28/1994                   | 365.00          | 1.0        |
|                       | DSIC Authorized in 1996   | with first DSIC Effective 1/ | 1/1997          |            |
|                       | R-973944                  | 4/4/1997                     | 889.00          | 2.4        |
|                       | R-994638                  | 4/30/1999                    | 756.00          | 2.1        |
|                       | R-00016339                | 4/27/2001                    | 728.00          | 2.0        |
|                       | R-00038304                | 4/30/2003                    | 733.00          | 2.0        |
|                       | R-00072229                | 4/27/2007                    | 1,458.00        | 4.0        |
|                       | R-2009-2097323            | 4/24/2009                    | 728.00          | 2.0        |
|                       | R-2011-2232243            | 4/29/2011                    | 735.00          | 2.0        |
| Missouri American     | WR 93-204                 | 12/23/1992                   |                 |            |
|                       | WR 94-166                 | 11/24/1993                   | 336.00          | 0.9        |
|                       | WR 95-145                 | 10/28/1994                   | 338.00          | 0,9        |
|                       | WR 96-263                 | 2/9/1996                     | 469.00          | 1.3        |
| -                     | WR 97-382                 | 3/14/1997                    | 399.00          | 1.1        |
|                       | WR 2000-281               | 10/15/1999                   | 945.00          | 2.6        |
|                       | WR 2001-0844              | 6/21/2001                    | 615.00          | 1.7        |
|                       | WR-2003-0500              | 5/19/2003                    | 697.00          | 1.9        |
|                       | ISRS (DSIC) Authorized 20 | 03 with first ISRS rates Eff | ective 12/31/20 | 03         |
|                       | WR-2007-0216              | 12/15/2006                   | 1,306.00        | 3.6        |
|                       | WR-2008-0311              | 3/31/2008                    | 472.00          | 1.3        |
|                       | WR-2010-0131              | 10/30/2009                   | 578.00          | 1.6        |
|                       | WR-2011-0337              | 6/30/2011                    | 608.00          | 1.7        |
| Indiana American      | Cause No. 40103           | 12/14/1994                   |                 |            |
| 1                     | Cause No. 40703           | 12/6/1996                    | 723.00          | 2.0        |
|                       | Cause No. 41320           | 10/28/1998                   | 691.00          | 1.9        |
|                       | Cause No. 42049 (1)       | 6/29/2001                    | 975.00          | 2.7 (1     |
|                       | DSIC Authorized in 2000 v | with first DSIC Effective 3/ | 2003            |            |
|                       | Cause No. 42520           | 9/30/2003                    | 823.00          | 2.3        |
|                       | Cause No. 43187           | 12/1/2006                    | 1,158.00        | 3.2        |
|                       | Cause No. 43680           | 4/30/2009                    | 881.00          | 2.4        |
|                       |                           | 5/2/2011                     |                 |            |

| Exhibit GMV Reb-4       |                      |            | · · · · · <u> </u> · ·   |                     | Page 3 of 3   |
|-------------------------|----------------------|------------|--------------------------|---------------------|---------------|
| Illinois American       | Docket 95-0076       |            | 2/1/1995                 |                     |               |
|                         | Docket 97-0102       |            | 1/31/1997                | 730.00              | 2.0           |
|                         | Docket 00-0340       |            | 4/17/2000                | 1,172.00            | 3.2           |
|                         | Docket 02-0690       |            | 9/20/2002                | 886.00              | 2.4           |
|                         | QIP (DSIC) Authorize | d 2/1/200  | 5 with first QIP rates   | Effective 1/1/2000  |               |
|                         | Docket 07-0507       |            | 8/31/2007                | 1,806.00            | 4.9           |
|                         | Docket 09-0319       |            | 5/29/2009                | 637.00              | 1.7           |
|                         | Docket 11-0767       |            | 10/27/2011               | 881.00              | 2.4           |
| Long Island Water Corp. |                      |            |                          |                     |               |
|                         | Case 93-W-xxxx       | (2)        | 4/30/1993                |                     | (2)           |
|                         | Case 98-W-0475       | (3)        | 3/30/1998                | 1,795.00            | 4.9 (3)       |
|                         | Case 04-W-0577       | (2)        | 5/3/2004                 | 2,226.00            | 6.1 (2)       |
|                         | DSIC Authorized Cas  | e 3/21/20  | 05 with first DSIC rate  | es Effective 12/1/2 | <b>006</b>    |
|                         | Case 07-W-0508       | (2)        | 5/1/2007                 | 1,093.00            | 3.0 (2)       |
|                         | Case 11-W-2011       | (2)        | 4/29/2011                | 1,459.00            | 4.0 (2)       |
|                         |                      |            |                          |                     |               |
| New Jersey American     | WR03070511           |            | 7/10/2003                |                     |               |
|                         | WR06030257           |            | 3/31/2006                | 995.00              | 2.7           |
|                         | WR08010020           |            | 1/14/2008                | 654.00              | 1.8           |
|                         | WR10040260           |            | 4/9/2010                 | 816.00              | 2.2           |
|                         | WR11070460           |            | 7/29/2011                | 476.00              | 1.3           |
|                         | DSIC Authorized 6/4  | /2012 witl | h first-DSIC rates to Ef | fective no sooner   | than 6/1/2013 |

KAW\_R\_PSCDR3\_NUM19\_032013

No DSIC filings made to date

Notes:

(1) Authorized two-year step rate increase plan.

(2) Authorized three-year step rate increase plan.

(3) Authorized three-year step rate increase plan which was subsequently modified in part and extended through 3/31/2005.

29 hearing exhibit \_11



#### COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION Division of Consumer Protection Utility Section Frankfort, Kentucky

In the Matter of:

THE TARIFF APPLICATION OF KENTUCKY- ) AMERICAN WATER COMPANY PROCEDURE ) FOR COMPUTING REVENUE REQUIREMENTS )

CASE NO. 10423

#### ORDER

#### Background

On October 27, 1988, Kentucky-American Water Company ("Kentucky-American") filed a proposed tariff, Computation of the Revenue Requirement Applicable to the Improvements Authorized by a Certificate of Convenience and Necessity in Case No. 10365.<sup>1</sup> This tariff, if accepted, would allow Kentucky-American to adjust its rates, outside of a general rate case, to include the additional revenue requirement associated with the 30-inch raw water main authorized by this Commission in Case No. 10365.

Kentucky-American stated that the tariff was needed for it to earn a return on this investment in a timely manner. Kentucky-American also stated that if the tariff was accepted in this case, a similar tariff would be filed to allow for an adjustment of rates to include the additional revenue requirement associated with the improvements to the Richmond Road treatment plant and the

Case No. 10365, Application of Kentucky-American Water Company for a Certificate of Public Convenience and Necessity Authorizing the Construction of Approximately 35,000 Feet of 30 Inch Raw Water Transmission Facilities.

initial construction of the Kentucky River Station II with the associated pipeline.

A public hearing was scheduled and held on March 22, 1989, at the Commission's offices in Frankfort, Kentucky. Intervening in this proceeding and participating at the hearing were the Attorney General's Utility and Rate Intervention Division and the Lexington-Fayette Urban County Government ("AG/LFUCG"). Witnesses appearing on behalf of Kentucky-American were: Roy L. Ferrell, assistant treasurer of Kentucky-American and director of Rates and Revenues for the Southern Region of American Water Works Service Company; and Chris E. Jarrett, vice president and treasurer of Kentucky-American Water Company. Appearing on behalf of the AG/LFUCG was James W. Freeman, associate professor at the University of Kentucky, College of Business and Economics.

Simultaneous briefs were filed by Kentucky-American and the AG/LFUCG on March 31, 1989. All additional information requested at the hearing has been filed.

#### Discussion

In support of its proposed tariff, Kentucky-American stated that this filing was being used as a "bellwether" or "trial balloon"<sup>2</sup> in an effort to receive philosophical approval of this method of recovering a revenue requirement associated with capital investment. If this method is approved, Kentucky-American would file similar tariffs for its Kentucky River Station II construction project.

2

Kentucky-American's Brief filed March 31, 1989, page 1.

Since that project and the improvements to the Richmond Road treatment plant, as well as the 30-inch raw water main, would require a substantial investment in plant, nearly doubling the current investment in plant in service, Kentucky-American felt that traditional methods of rate-making would not allow them sufficient opportunity to earn an authorized rate of return. Under traditional rate-making methodology, Kentucky-American predicts that it ". . . will only earn approximately two-thirds of what it is authorized to earn as an average for the next four years . . ."<sup>3</sup> This is due primarily to the lag between the time an investment is made in plant and rates are adjusted to reflect a revenue requirement associated with that investment.

Kentucky-American proposed this tariff in an attempt to either eliminate or substantially reduce this delay. Without this relief, Kentucky-American has stated that it will be necessary to file at least seven additional rate cases over the next 4 years in order to maintain its financial integrity.

In opposition to the tariff the AG/LFUCG stated that:

 Kentucky-American's situation is not unique and that larger construction projects have been examined without a change in the historical test-year concept.

2. The Commission should not accept this tariff outside of a full generic administrative proceeding since it would establish a precedent for other utilities.

<sup>3</sup> Ibid., page 4.

-3-

3. It is not necessary to deviate from established rate-making methodology in this particular instance since Kentucky-American's \$2 million investment in the 30-inch raw water main is neither burdensome nor unique.

4. Since the Commission allows, but does not guarantee, an authorized rate of return, inability to earn that return is insufficient grounds on which to allow a deviation.

The Commission agrees with the AG/LFUCG's position that a traditional rate-making methodology is not deviation from warranted for Kentucky-American's investment in the 30-inch raw Nor would the 30 days' notice, prior to future water main. effect, allow the Commission adequate going into tariffs opportunity to fully review the proposed tariff, the additional investment in plant, and its associated revenue requirement. Any additional suspension period required would tend to negate requesting deviation, to Kentucky-American's purpose for substantially reduce or eliminate regulatory lag. Therefore, the Commission is of the opinion that the proposed special tariff should be denied.

This does not preclude Kentucky-American from investigating and pursuing other alternatives, such as the inclusion of committed construction in rate base, as currently proposed in Case No. 10481<sup>4</sup> or filing a general rate case based on a future or projected test period.

<sup>4</sup> Case No. 10481, Notice of Adjustment of Rates of Kentucky-American Water Company effective on February 2, 1989.

IT IS THEREFORE ORDERED that Kentucky-American's proposed tariff be and it hereby is denied.

Done at Frankfort, Kentucky, this 9th day of May, 1989.

By the Commission

ATTEST:

Forest M. Skage

### Resolution Endorsing and Co-Sponsoring "The Distribution System Improvement Charge"

**WHEREAS,** The Pennsylvania Public Utility Commission and the Pennsylvania Legislature have adopted a promising and unique regulatory approach that encourages the acceleration of the needed remediation of aging water utility infrastructures; *and* 

WHEREAS, The Distribution System Improvement Charge is an automatic adjustment charge that enables recovery of infrastructure improvement costs on a quarterly basis in between rate cases for projects that are non-revenue producing and non-expense reducing such as main cleaning and relining, fire hydrant replacement and main extensions to eliminate dead ends; *and* 

WHEREAS, A videotape which explains this unique approach is being prepared by the National Association of Water Companies to help educate and inform other regulatory agencies and legislatures about the benefits of this unique approach; *and* 

WHEREAS, The U.S. EPA within its Drinking Water Infrastructure Needs Survey has identified a magnitude of national infrastructure needs of \$77.2 billion in pending expenditures; and

WHEREAS, As the magnitude of need may be too great to be accomplished under traditional ratemaking methodologies; *and* 

WHEREAS, The Distribution System Improvement Charge provides benefits to ratepayers such as improved water quality, increased pressure, fewer main breaks, fewer service interruptions, lower levels of unaccounted for water, and more time between rate cases which leads to greater rate stability; *and* 

WHEREAS, Ratepayer protections are incorporated in the Pennsylvania approach: the surcharge is limited to a maximum of 5% of the water bill, annual reconciliation audits are conducted where overcollections will be refunded with interest and undercollections will be billed into future rates without interest recovery, the surcharge is reset to zero at the time of the next rate case, the charge is reset to zero if the company is over-earning, customer notice is provided, and all charges reflect used and useful plant; *now, therefore, be it* 

**RESOLVED,** That the Board of Directors of the National Association of Regulatory Utility Commissioners (NARUC), convened at its 1999 Winter Meetings in Washington, D.C, agrees to endorse the mechanism as an example of an innovative regulatory tool that other Public Utility Commissions may consider to solve infrastructure remediation challenges in their States; *now be it further* 

**RESOLVED,** That NARUC agrees to co-sponsor with the National Association of Water Companies the videotape of the Distribution System Improvement Charge as an educational tool to inform other regulatory agencies and legislatures about this promising new mechanism.

Sponsored by the Committee on Water Adopted February 24, 1999



## Resolution Supporting Consideration of Regulatory Policies Deemed as "Best Practices"

**WHEREAS,** A number of innovative regulatory policies and mechanisms have been implemented by public utility commissions throughout the United States which have contributed to the ability of the water industry to effectively meet water quality and infrastructure challenges; *and* 

**WHEREAS**, The capacity of such policies and mechanism to facilitate resolution of these challenges in appropriate circumstances supports identification of such policies and mechanisms as "best practices"; *and* 

WHEREAS, During a recent educational dialogue, the "2005 NAWC Water Policy Forum," held among representatives from the water industry, State economic regulators, and State and federal drinking water program administrators, participants discussed (consensus was not sought nor determined) and identified over 30 innovative policies and mechanisms that have been summarized in a report of the Forum to be available on the website of the Committee on Water at www.naruc.org; and

WHEREAS, As public utility commissions continue to grapple with finding solutions to meet the myriad water and wastewater industry challenges, the Committee on Water hereby acknowledges the Forum's *Summary Report* as a starting point in a commission's review of available and proven regulatory mechanisms whenever additional regulatory policies and mechanisms are being considered; *and* 

WHEREAS, To meet the challenges of the water and wastewater industry which may face a combined capital investment requirement nearing one trillion dollars over a 20-year period, the following policies and mechanisms were identified to help ensure sustainable practices in promoting needed capital investment and cost-effective rates: a) the use of prospectively relevant test years; b) the distribution system improvement charge; c) construction work in progress; d) pass-through adjustments; e) staff-assisted rate cases; f) consolidation to achieve economies of scale; g) acquisition adjustment policies to promote consolidation and elimination of non-viable systems; h) a streamlined rate case process; i) mediation and settlement procedures; j) defined timeframes for rate cases; k) integrated water resource management; l) a fair return on capital investment; *and* m) improved communications with ratepayers and stakeholders; *and* 

WHEREAS, Due to the massive capital investment required to meet current and future water quality and infrastructure requirements, adequately adjusting allowed equity returns to recognize industry risk in order to provide a fair return on invested capital was recognized as crucial; *and* 

WHEREAS, In light of the possibility that rate increases necessary to remediate aging infrastructure to comply with increasing water quality standards could aversely affect the affordability of water service to some customers, the following were identified as best practices to address these concerns: a) rate case phase-ins; b) innovative payment arrangements; c) allowing the consolidation of rates ("Single Tariff Pricing") of a multi-divisional water utility to spread capital costs over a larger base of customers; and d) targeted customer assistance programs; and

WHEREAS, Small water company viability issues continue to be a challenge for regulators, drinking water program administrators and the water industry; best practices identified by Forum participants include: a) stakeholder collaboration; b) a memoranda of understanding among relevant



State agencies and health departments; c) condemnation and receivership authority; and d) capacity development planning; *and* 

WHEREAS, The U.S. Environmental Protection Agency's "Four-Pillar Approach" was discussed as yet another best practice essential for water and wastewater systems to sustain a robust and sustainable infrastructure to comprehensively ensure safe drinking water and clean wastewater, including: a) better management at the local or facility level; b) full-cost pricing; c) water efficiency or water conservation; *and* d) adopting the watershed approach, all of which economic regulators can help promote; *and* 

WHEREAS, State drinking water program administrators emphasized the following mechanisms which Forum participants identified as best practices: a) active and effective security programs; b) interagency coordination to assist with new water quality regulation development and implementation, such as a memorandum of understanding; c) expanded technical assistance for small water systems; d) data system modernization to improve data reliability; e) effective administration and oversight of the Drinking Water State Revolving Fund to maximize infrastructure remediation, along with permitting investor owned water companies access in all States; f) the move from source water assessment to actual protection; *and* g) providing State drinking water programs with adequate resources to carry out their mandates; *now therefore be it* 

**RESOLVED**, That the National Association of Regulatory Utility Commissioners (NARUC), convened in its July 2005 Summer Meetings in Austin, Texas, conceptually supports review and consideration of the innovative regulatory policies and practices identified herein as "best practices;" *and be it further* 

**RESOLVED**, That NARUC recommends that economic regulators consider and adopt as many as appropriate of the regulatory mechanisms identified herein as best practices; *and be it further* 

**RESOLVED,** That the Committee on Water stands ready to assist economic regulators with implementation of any of the best practices set forth within this Resolution.

Sponsored by the Committee on Water Adopted by the NARUC Board of Directors July 27, 2005



#### Kentucky American Water PO Box 371880

Pittsburgh, PA 15250-7880

For Service To

Sing of the property server

003104 1 AV 0 335 3104/3104/003104 010 1 PCMOPE

| AMOUNT DUE  | \$35,15               |
|-------------|-----------------------|
| DUE DATE    | Mar 22, 2011          |
| Amount Paid | ELECTRONIC<br>PAYMENT |

Kentucky American Water PO Box 371880 Pittsburgh, PA 15250-7880

### 

Please check here to change address or telephone number and print information on reverse side.

#### **Customer Account Information**

#### Billing Summary

| Customer Account Information  | Billing Summary  |
|---|--|
| For Service To:   | Prior Balance  |
|   | Balance from last bill \$24.72   |
| Account Number  | Payments as of Mar 10, 2011. Thanks! -24.72  |
| Premise Number  | Total prior balance, Mar 10, 2011 .00  |
|   | Current Water Charges  |
| Billing Period & Meter Information  | Meter Service Charge 8.90  |
| Billing Date: Mar 10, 2011  | Water Usage (\$3.975300 x 2.00) 7.95   |
| Billing Period: Feb 05 to Mar 07 (30 days)  | Total water charges, Mar 10, 2011 16.85  |
| Next reading on/about: Apr 07, 2011   | Current Wastewater Charges   |
| Rate Type: Residential  | LFUCG - Sewer Minimum Fee 4.75   |
|   | Sewer Usage (\$ .00000 x 1.00) .00   |
| Meter readings in current billing period:   | (\$ 3.58000 x 1.00) 3.58   |
| Meter Number 077866113J is a 5/8-inch meter.  | Total Use Billed 2.00 8.33   |
| Present-actual 237  | Other Current Charges  |
| Last-actual 235   | LFUCG - Wtr Qual Mgmt Fee 4.32   |
| 100 Cubic Feet used 2   | LFUCG - Land Fill Fee 4.50   |
| 1 cu. ft. equals 7.50 gallons   | Total other charges, Mar 10, 2011 8.82   |
| Gallons used 1500   | Taxes  |
|   | KRA Withdrawal Fee - 100CF .13   |
|   | School Tax .51   |
|   | Franchise Fee - LFUCG,51   |
|   | Total taxes, Mar 10, 2011 1.15   |
|   |  |
| Water Usage Comparison  | Total Current Charges 35.15  |
| Monthly usage in 100 cubic feet   | procession and a second s |
|   | TOTAL AMOUNT DUE \$35.15   |
|   |  |
| Zhan tan shi tan sa                             | Do not send payment. Total Amount Due will be deducted   |
|   | from your bank account on Mar 22, 2011   |
|   |  |
|   |  |
|   |  |
| 2 M A M J J A S O N D J F<br>U a p a u u u e c o e a e<br>1 r r y n l g p l v c n b | M 2<br>a 0   |
| 1 riynig pivcnb   |  |

Messages from Kentucky American Water \*Local Office: 2300 Richmond Road (Lexington) and 102 Main Street (Owenton). \*\* To pay by credit card, debit card or electronic check, call TOLL FREE 1-800-678-6301. Pay online at www.water.paymybill.com. A service fee will apply. Customers can also pay their water bills at our local office at 2300 Richmond Road in Lexington, participating Shell Food Marts, and at Xsell in Winchester. Call 1-800-678-6301 for location information, or visit our Web site at www.kentuckyamwater.com. \*Add \$1 to your monthly water bill and help low-income customers with their water bill payments.

Customer Service: 800-678-6301 Emergency: 800-678-6301 Visit us on the INTERNET at: www.kawc.com

LFUCG EXHIBIT

003104/003104 PCMOPF TAVO

#### KENTUCKY-AMERICAN WATER COMPANY 曹 CASE NO. 2012-00520 LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT'S FIRST REQUEST FOR INFORMATION

#### Witness: Linda C. Bridwell

30. Please provide a list of all local governments in Kentucky (other than Lexington) who obtain water from KAWC and the terms of each such arrangement. As KAWC adds additional customers of this type, please explain whether such customers will reduce the burden of the new treatment plant and pipeline on existing customers, or whether they will in any way reduce the cost of future water rates. 

#### Response

KAW provides water to the City of Nicholasville, the City of Versailles, the City of Midway, and the City of North Middletown on a wholesale basis in which Nicholasville and Versailles supplement their supplies and Midway and North Middletown provide service for all of their citizens. Additionally, KAW provides service in Owen County, the City of Owenton, the City of Monterey, the City of Sadieville, the City of Glencoe, Scott County, Harrison County, Woodford County, Bourbon County, Clark County and Jessamine County. Those local governments purchase water for individual government properties and fire services under KAW approved tariffs. KAW generally negotiates wholesale water purchases in accordance with cost of service based agreements, therefore any additional customers would be required to cover the cost of the service requested. Currently, the new treatment plant has been designed and constructed for a capacity to meet KAW's current customers during hot, dry periods and droughts, and to meet projected population increases within the area that KAW currently serves through the year 2030 including in all government jurisdictions that KAW serves. Any additional wholesale customer would need to pay for the cost of a plant expansion and the prorated portion of shared facilities (such as the transmission main). KAW customers would benefit through the economies of scale of utilizing shared facilities with either reduced rates or delayed rate increases depending on the size and scope of any future expansions.

LFUCG EXHIBIT

#### KENTUCKY-AMERICAN WATER COMPANY CASE NO. 2012-00520 LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT'S FIRST REQUEST FOR INFORMATION

#### Witness: Linda C. Bridwell

6.

Please provide all information relating to prospective sales of water to communities or facilities outside Fayette County, and more specifically, whether such efforts are being increased due to additional water availability. If not, please explain. Please also explain any marketing or other efforts in detail and provide copies of any business or marketing plans.

#### **Response:**

KAW has maintained relationships with other water utilities in Central Kentucky for decades, and frequently discusses the opportunities for additional water sales to other utilities during the course of conversation. No specific prospective sales of water to communities or facilities outside Fayette County currently exist other than recent discussions with the Harrison County Water Association to provide an additional connection point. Harrison County Water Association is currently a bulk sales customer and projected growth for all bulk sales water customers through population growth was included as part of the capacity planning efforts in determining the water supply and treatment deficits that led to the construction of Kentucky River Station II at Hardin's Landing (KRS II). Efforts are not being increased because there is not additional water available. The size of the facilities that was designed and constructed was solely for KAW's current customers and projected population growth through 2030 for the area that KAW currently serves. There is no excess capacity that is available for marketing to other utilities. KAW determined that it would be more cost beneficial for all of its customers to shut down the current Owenton treatment plant and shift the customers supplied by water from the Owenton plant to a treated water supply from the KRS II plant rather than continued investment to upgrade the Owenton plant. However, all of these customers were KAW customers at the time of the construction of the new facilities and this shift is projected only to accelerate by a year or two the projected need to expand the KRS II plant at the end of the planning horizon, while significantly reducing the operating expenses for all customers. This effort was described in detail in the application for a Certificate of Convenience and Necessity in Case No. 2012-00096. The partnership with the Bluegrass Water Supply Commission ("BWSC") required the BWSC to make a financial commitment that would expand the plant capacity to make additional water available to the members of the BWSC. When the BWSC did not pursue the expansion, additional facilities were not constructed. KAW remains ready, willing and able to enter into arrangements with any BWSC member for water supply that will benefit KAW's customers.

LFUCG EXHIBIT

### KENTUCKY AMERICAN WATER COMPANY

2

#### P.S.C. KY NO. 6 Seventh Revised Sheet No. 28.1 Canceling Sixth Revised Sheet No. 28.1

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|--|--|
| , KENTUCKY   | 2 Account Number 1012-210012345678   |
| American Water   | 2 Account Number 1012/2001/2343078   |
|  |  |
| PO Box 371880, Pittsburgh, PA, 15250-7880  | 4200.01  |
| <sup>5</sup> For Service To: 433 E MAXWELL ST  | 5 If Paid After Due Date \$108.16 after 11/14/12   |
| SIT) Check this box for address changes and note new address on back.  | <sup>707</sup> Amount Enclosed \$  |
| 16(T) JOHN B. DOE<br>1 FIRST STREET<br>LEXINGTON, KY 40504<br>Please<br>12(T)BILLING PERIOD AND METER READINGS<br>13(T) Billing period<br>14(T) Due Date: November 14, 2012<br>13(T) Billing period: Sep 28 to Oct 30 (33 Days)<br>13(T) Billing period: Sep 28 to Oct 30 (33 Days)<br>13(T) Next reading on or about: Dec 03, 2012<br>13(T) | KENTUCKY AMERICAN WATER<br>PO BOX 371880<br>PITTSBURGH, PA 15250-7880<br>return this partien with your payment.<br>BILLING SUMMARY<br>Prior Bahance - Balance from leat bill 69.73<br>TOTAL PAST AMOUNT - DUE IMMEDIATELY 69.73<br>Current Water Service       |
| IT(T)•     Customer Type: Residential     33(7)       18(T)•     Meter Reading Measurement:     34(7)  | Water Service Charge 8.90     Water Usage Charge (\$0.530040 x 37.40) 19.82  |
| 1 unit = 100 CF or 748 gallons of water 35(T:  | Water House Churge (\$0.530040 x 37.40)     19.82     Total Water Service Related Charges 28.72  |
| 19(T). Billing Measurement: 100 gallons (CGL) 38(T)  | Other Charges  |
| 20(7) Meter No. 88918456N 37(7)  | Georgetown Hydrant Fee 2.28  |
| 21(T) Size of meter 5/8* 38(T)   | Water Late Payment Charge <u>3.49</u> Total Other Charges     5.77   |
| 22(T) Current Read 160 (Actual) 34T.   |  |
| 23(T)         Previous Read         155 (Actual)         40(T)           24(T)         Total water used this         5 µnits         41(T)   | Taxes  |
| billing period (3740 gallons) 42(T)  | Franchise Fee     0.94   |
| 25(T <b>Total Water Use Comparison</b> (in 100 gallons) 44(T)  | City School Tex     0.94     Total Taxes     2.15  |
| Chillier against 0040c 07.40.001   |  |
| 27(7). Same billing period 2011: 29.92 CGL   | T)TOTAL CURRENT CHARGES 36.64  |
| Billed Use Graph (100 gallons) 48(7)   | TOTAL AMOUNT DUE   |
| 28(T) 90   | TOTAL AMOUNT DUL   |
| $\begin{array}{c} 72 \\ 54 \\ 36 \\ 18 \\ 2 0 N D J F M A M J J A S 0 2 \\ 0 c 0 e d e a b u 4 v e c 0 \\ 1 T v c h b r r y h g p t 1 \\ 2 \end{array}$  | <ul> <li>Pay your bill online: www.water.paymybill.com</li> <li>Pay by phone: 24-hours a day, every day at 1-888-422-5269</li> <li>Pay in person: Residential customers may obtain a listing of payment locations by visiting www.amwater.com/myh2o</li> </ul> |
| <ul> <li>This area will be used for important messages from Am</li> <li>The due date pertains to current charges only. Any past</li> </ul>   | : due balance should be paid immediately.<br>Confidence Report) can be obtained by visiting our website printed at the bottom of   |
| बला Questions about this bill? Call our 24-Hour Cu   | TARIF  |
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| Cheryl DyNorton  | Address 5/12/2013  |
| President  | PURSUANT TO 807 KAR 5 0 FF SECTION 8 (1)   |
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| LFUCG E  | KHIBIT   |

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Next Story >

Pass a federal media shield law; DOJ spying on AP reinforces need

# Herald-Leader Editorial

# Don't give utility new rate control; KAW seeks increase, less scrutiny

Published: May 23, 2013 Updated 6 hours ago

American Water stockholders are looking forward to their fifth straight dividend increase in five years, while ratepayers can look forward to higher water bills.

Lexington consumers are already paying 71 percent more for water than six years ago as a result of three rate increases, and soon the Public Service Commission will hear Kentucky American's request for another increase.

To put that into perspective, almost 20,000 poor households will spend 2 percent to 4 percent of their total incomes on a natural resource that falls from the sky and that no one can live without, if the American Water subsidiary gets its way.

That's according to testimony filed with the PSC by Jack Burch, head of the Community Action Council, which, along with the state Attorney General's Office and Urban County Government, is contesting the rate request.

Kentucky American is not just seeking a 17.6-percent increase, but also a change in the way its rates are calculated that would make it easier to increase water bills in the future.

The utility wants to be allowed to automatically pass along to ratepayers capital spending on infrastructure, as well as the cost of chemicals and electricity, without the approval now required from state regulators. Rate increases would become more frequent and subject to less scrutiny.

The PSC should reject this anti-consumer proposal out of hand, with the possible exception of electricity. KAW can't negotiate the price of electricity, but the broader adjustment it's seeking would lessen the company's incentive to bargain with contractors and vendors for better prices.

Poor Kentucky families may be giving up some other necessity to pay for water, but things are going great for New Jersey-based American Water and its stockholders.

In a May 6 announcement president and CEO Jeff Sterba said: "On a compounded basis, our annualized earnings have increased by 14 percent from 2010 to 2012. This dividend increase is in recognition of this earnings momentum and demonstrates our commitment to striking the right balance between increased dividend payouts to shareholders and continued proactive investment in our systems on behalf of our customers."

To keep that balance right, Kentucky American says it must collect an additional \$12.3 million a year because it has spent \$58 million on system upgrades at a time when customers are using less water.

In other words, you need to pay more for the water you didn't use.

And the water you didn't use is expensive because Kentucky American insisted on building a \$164 million treatment plant that opened in 2010 on the Kentucky River in Owen County and 31 miles of pipeline to Lexington. Why? To meet KAW's projected increasing demand for water. An earlier PSC bit and approved the plan.

CAC EXHIBIT /

Water shortages must no longer be a worry: Kentucky American has enough excess capacity that it is negotiating agreements to sell water to Nicholasville and Paris.

In a double whammy for consumers, KAW also says you should pay more to make up for the money it lost by ending its billing contract with the city.

In testimony to the PSC, LFUCG finance commissioner William O'Mara says the water company's decision to exclude city sewer and garbage charges from its bills is costing the government at least \$500,000 more a year, "has not resulted in any benefit" to the city or its citizens and "will likely result" in higher fees.

There seems to be a lot of material here for those contesting the rate increase, but really they can only affect the margins.

Lexington voters opened the spigot on their wallets in 2006, when they rejected public purchase of the water utility.

#### IF YOU GO

Public Service Commission to hear public comments on Kentucky American's proposed 17.6 percent rate increase

When: 5:30 p.m., Tuesday, May 28

Where: Bryan Station High Schoool, 201 Eastin Rd.

Formal hearing: 10 a.m. June 4 at PSC offices in Frankfort.

Back to Top < Previous Story



Toddler's death all too predictable

Pass a federal media shield law; DOJ spying on AP reinforces need

Email Newsletters > Manage newsletter subscriptions Tablets > Apps and services for tablet devices Mobile > Apps and services for your mobile phone Social Media > Get updates via Facebook and Twitter e-Edition > Your daily paper delivered to your computer Home Delivery > Manage your home delivery account Digital Subscriptions > Manage your online subscriptions

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reasonableness of the costs in the proposed test period. Those rates and charges will produce the required revenue requirement based upon the forecasted sales. For a residential customer who uses an average of 5,000 gallons per month, these rates will increase his or her monthly bill from \$27.46 to \$35.40, or approximately 28.9 percent.

#### Service to Low-Income Customers

The Commission recognizes that a significant portion of Kentucky-American's customers have annual incomes that are at or below the Federal Poverty Guideline.<sup>215</sup> We further recognize that the approved rate adjustment will more adversely affect these customers than those with higher annual incomes. CAC has presented several proposals to provide some relief to the customers. Having carefully considered each of these proposals, we find that each should be implemented or given further study and consideration.

CAC has proposed that Kentucky-American be required to maintain more complete records regarding customer payment and termination of service for nonpayment in a manner that permits systematic analysis. It notes that Kentucky-American presently cannot ascertain the number of customers who make late payments, a customer's frequency of late payments, the number of terminations for late payments, or

<sup>&</sup>lt;sup>215</sup> In 2008, approximately 15.4 percent of Fayette County residents were living at or below the Federal Poverty Guideline. Of the remaining eight counties in which Kentucky-American provides water service, the percentage of persons living at or below the poverty line in 2008 ranged from 9.7 percent to 17.0 percent. It is estimated that 15.4 percent of Fayette County residents were at or below the Federal Poverty Guideline in 2008. Of the remaining eight counties in which Kentucky-American has operations, the percentage of individuals at or below the poverty line ranged from 9.7 percent to 17.0 percent. See U.S. Census Bureau Small Area Income and Poverty Estimates, *available at* http://www.census.gov/did/www/saipe/data/index.html (last visited Nov. 2, 2010).

the specific service (e.g., water, sewer, water quality) for which non-payment has occurred and serves as the basis for termination.<sup>216</sup> CAC witness Burch testified this information would provide a better means of assessing the affordability of Kentucky-American's rates and developing policies to assist low income customers.<sup>217</sup> Kentucky-American confirms that its present records system will not allow quick and cost-effective analysis on these subjects.<sup>218</sup>

If the Commission is to properly review and assess the affordability of Kentucky-American's rates, we must have accurate and reliable information regarding customer payment. Given the limitations of Kentucky-American's record systems, that information is presently unavailable. Accordingly, we find that Kentucky-American should develop and implement as soon as possible a plan to accurately record and determine the number of customers making payments after the due date, the frequency of late payments by each customer, the number of service terminations for nonpayment for each customer account and company-wide, and the specific services that were not paid when water service is terminated for non-payment.

CAC urges the Commission to restructure Kentucky-American's proposed rate design to create a graduated, tiered rate structure. It asserts that an inclining block structure that provides for a minimum quantity of water at an inexpensive level and increasing rates based upon increased usage would benefit all customers. Such a rate

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<sup>&</sup>lt;sup>216</sup> CAC's Brief at 6-7.

<sup>&</sup>lt;sup>217</sup> VR: 8/11/10; 15:41:45-15:43:20.

<sup>&</sup>lt;sup>218</sup> Kentucky-American's Response to CAC's Second Request for Information, Item 1.

structure, CAC argues, would make a minimum quantity of water affordable to lowincome customers and would promote conservation. As an alternative to immediately implementing such rate design, CAC requests that Kentucky-American be directed to "work with the Attorney General, low income advocates, and other interested parties to design a rate system on this concept."<sup>219</sup> It further proposes that the Commission establish a collaborative effort that includes all interested parties and Commission Staff to address affordability issues. All other parties appear in agreement with the proposal to create a working group to study rate design issues.

We find insufficient evidence in the record to support CAC's rate design proposal or to clearly demonstrate that the implementation of such proposal will benefit lowincome customers or create appropriate pricing signals. Accordingly, we have not incorporated CAC's rate design proposal into Kentucky-American's rates. We find, however, that CAC's proposal should be further studied and additional customer data gathered to permit a thorough assessment of the proposal's potential effects.

Recognizing that the affordability of water service is a complex and multi-faceted subject that must be approached on several levels, the Commission finds considerable merit to CAC's proposal to undertake a collaborative effort to study this subject. Such an effort, however, should not be limited to examining potential rate design options to enhance the affordability of water service, but should consider all potential regulatory and legislative solutions to this perplexing issue. We find that Kentucky-American should initiate this collaborative effort by arranging, within 60 days of the date of this Order, a meeting of all interested parties to discuss and study potential regulatory and

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<sup>&</sup>lt;sup>219</sup> CAC's Brief at 8.

legislative solutions to the increasing lack of affordability of water service for low income customers. Moreover, Kentucky-American should file with the Commission periodic written reports on the status of these meetings and submit a final written report on the collaborative group's efforts no later than November 1, 2011. We direct Commission Staff to assist the collaborative group's efforts to the fullest extent that its limited resources permit and encourage all interested parties, including those groups that did not intervene in this proceeding, to actively participate.

#### Other Issues

<u>Tap-On Fees.</u> Kentucky-American proposes to increase its tap-on fees from 13 percent to 22 percent to reflect the five-year average cost of a service connection. Kentucky-American's tap fees are currently based upon an average of actual costs of connections from 2005 to 2007. Kentucky-American witness Bridwell testified that significant increases in connection costs have occurred since that time. Raw material costs increased dramatically in 2008 and have not yet returned to pre-2008 levels. Additionally, the number of new service connections significantly decreased in 2008 and 2009 due to a reduction in economic activity. As a result, there were fewer installations over which to spread the fixed costs related to such installations.<sup>220</sup>

Kentucky-American has historically used a three-year average of connection costs to establish its tap-on fees. In the present case, it proposes to base these fees on a five-year average to reduce the effect of increasing costs and current economic conditions. The Commission acknowledges and supports Kentucky-American in its

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<sup>&</sup>lt;sup>220</sup> Direct Testimony of Linda C. Bridwell at 2-3.

#### Janet Graham

and the second s

From: Cheryl A Taylor [ctaylor2@lexingtonky.gov]

- Sent: Friday, July 01, 2011 4:35 PM
- To: William O'Mara; Jane C Driskell

Cc: Charles Martin; Julie Mantrom; Richard Moloney

#### Subject: KAW Meeting

Hi Jane and Bill---I wanted to mention that I had lunch with Cheryl Norton and Susan Lancho from KAW today to discuss a couple of programs on pharmaceuticals collections and watershed educational festivals. We did talk briefly about the issue regarding water billing and Cheryl Norton repeated her commitment to give us time to adjust (aka they won't just pull the rug out from under LFUCG), but if you did not already know it, they are hoping to meet with you soon to review the plan to transition collections from KAW to the city---so I know they are planning on withdrawing their billing services sooner rather than later. You may already be working on a plan, but I just wanted to be sure you know they are expecting to start to see movement in that direction.

The other thing they mentioned that is not project related is that they are seeing a steady drop off in not only collections of WQMF but also the \$4.50 landfill fee. People have figured out we have no clear enforcement strategy so they are not paying anything except sanitary sewer and water bills. This will be a major problem in meeting consent decree requirements if the collections drop off.....we might be looking at adding it to other billing that does have "teeth" to require payment, but I am not sure what is viable.

So, I guess I wanted to inform you about what I heard today and suggest that we meet soon to talk over the strategy----Cheryl Norton mentioned that she plans to set a meeting up with Jane in the next week or so to talk about all this including falling collections-----so we can meet either before or after that --- whichever you think is most helpful. Happy New Fiscal Year and 4<sup>th</sup> of July.

#### **Cheryl A.Taylor**

Commissioner Department of Environmental Quality and Public Works 200 East Main Street Lexington, Ky. 40507 ph (859) 425-2800 fax (859) 425-2859

| EGAL®            | EXHIBIT |
|------------------|---------|
| ALL-STATE LEGAL® | KAW     |
| <b>ALL</b>       |         |

KAWC EXHIBIT \_\_\_\_





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# Water and sewer bills to be separated in Lexington

Updated: Thu 11:51 PM, Jul 26, 2012



Soon folks in Fayette County will see a new bill in the mail for a service they've always paid for.

For years, Kentucky American Water has had a contract with the city of Lexington to bill customers for their water, and related sewer fees.

Kentucky American is discontinuing that contract, and now the city will take over billing for sanitary sewer and garbage fees. Both sides say it simplifies the process for customers.

"So our water customers actually will have a simpler water bill," Susan Lancho of Kentucky American Water said. "I think they will be more able to determine their water charges without getting confused, which we've seen somewhat over the years."

"The benefit to the citizens is they'll have a great explanation of the fees they are paying, plus there is a lot of payment options," Mark York, of the Lexington Division of Environmental Quality and Public Works said.

Customers should have already received an insert in their Kentucky American Bill notifying them of the changes.

# KAWC EXHIBIT \_\_\_\_\_\_

Find this article at: http://www.wkyt.com/home/headlines/Change-in-Lexington-bill-163966596.html

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Check the box to include the list of links referenced in the article.

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Laura Jordan, External Affairs Manager Laura.Jordan@amwater.com 304-340-2089 www.westvirginiaamwater.com

# West Virginia American Water Petitions PSC to Approve Discount Program for Low-Income Customers

Proposal would offer year-round financial assistance to qualifying customers

**CHARLESTON, W.Va. (July 19, 2012)** – West Virginia American Water filed a petition with the Public Service Commission of West Virginia today, seeking a rate discount for certain low-income customers.

"While we have made sincere efforts to make water service even more affordable for those customers in the greatest need, water service costs have increased over the years due to much needed capital investment to ensure the reliability of water service and to meet new, more stringent regulations," said President Jeff McIntyre. "We embarked on this effort as a way to lessen this impact for customers struggling to make ends meet."

If granted, residential West Virginia American Water customers would be able to receive a 20percent discount on their monthly bill if they receive Social Security Supplemental Security Income (SSI), Temporary Assistance for Needy Families (TANF), Temporary Assistance for Needy Families-Unemployed Parent Program (TANF-UP) or assistance from the Supplemental Nutrition Assistance Program (SNAP) if they are 60 years of age or older. Under the program, the average residential household bill (3,550 gallons) would be discounted from \$41.37 to \$33.10 per month and the minimum bill (1,500 gallons) would be discounted from \$21.67 to \$17.34 per month.

"Although water and sewer bills are among the lowest household bills West Virginians pay, our rates must reflect the true cost of providing service, which includes our capital investments as well as all of the operating costs associated with the treatment, monitoring and distribution of your water," McIntyre said. "Our current rates provide our customers with high quality water service at an exceptional value –

PRESS RELEASE

EXHIBIT STATE LEGA KAW

www.westvirginiaamwater.com

### West Virginia American Water Petitions PSC to Approve Discount Program for Low-Income Customers

approximately a penny per gallon. With this discount program in place, some customers will now receive this service for even less than a penny per gallon."

The discounted rate program, which is administered through the West Virginia Department of Health and Human Resources and is already in place for electric and gas utilities, was recently expanded to include private water utilities through legislation. The bill passed due to the collaborative effort of the state Legislature, Public Service Commission, Consumer Advocate Division, AARP and West Virginia American Water. The customer savings associated with this program would not be subsidized by other West Virginia American Water customers. Rather, the company would be reimbursed through a credit toward its state business and occupation tax.

In the past, West Virginia American Water has offered utility assistance through the Dollar Energy Fund, which historically has provided one-time grants to a few hundred eligible West Virginia American Water customers each year. This new low income customer assistance program would allow thousands of customers to receive assistance each month year round.

West Virginia American Water, a subsidiary of American Water (NYSE: AWK), is the largest water utility in the state, providing high-quality and reliable water services to approximately 600,000 people. Founded in 1886, American Water is the largest publicly traded U.S. water and wastewater utility company. With headquarters in Voorhees, N.J., the company employs approximately 7,000 dedicated professionals who provide drinking water, wastewater and other related services to an estimated 15 million people in more than 30 states and parts of Canada. More information can be found by visiting www.westvirginiaamwater.com.

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###

## MEDIAN INCOME PER HOUSEHOLD SIZE IN KENTUCKY

|                           | Estimate | Margin of |
|---------------------------|----------|-----------|
|                           |          | Error     |
| Total:                    | 51,917   | +/-717    |
| 2-person families         | 45,866   | +/-704    |
| 3-person families         | 54,485   | +/-1,780  |
| 4-person families         | 66,409   | +/-2,333  |
| 5-person families         | 59,389   | +/-3,855  |
| 6-person families         | 63,647   | +/-3,571  |
| 7-or-more-person families | 52,419   | +/-12,742 |

#### Source:

MEDIAN FAMILY INCOME IN THE PAST 12 MONTHS (IN 2011 INFLATION-ADJUSTED DOLLARS) BY FAMILY SIZE Data Set: 2011 American Community Survey 1-Year Estimates Survey: American Community Survey, Puerto Rico Community Survey

#### Available at:

http://www.census.gov/hhes/www/income/data/statemedian/

| LEGAL®           | EXHIBIT |
|------------------|---------|
| ALL-STATE LEGAL® | KAW     |
| A                |         |

KAWC EXHIBIT 5

| From       | David K Baker/SERVCO/AWWSC   |
|------------|--|
| To:        | Frank Kartmann/MOAWC/AWWSC@AWW Karla A Teasley/ILAWC/AWWSC@AWW, Randy A    |
|            | Moore/IAWC/AWWSC@AWW, Paul G Townsley/CAWC/AWWSC@AWW, Robert G             |
|            | MacLean/ADMIN/CORP/AWWSC@AWW, Alan J DeBoy/INAWC/AWWSC@AWW, David K        |
|            | Little/OAWC/AWWSC@AWW, William Varley/LIWC/AWWSC@AWW, Deron E              |
|            | Allen/TAWC/AWWSC@AWW, William Walsh/VAWC/AWWSC@AWW, Wayne                  |
|            | Morgan/ADMIN/CORP/AWWSC@AWW, Kathy L Pape/PAWC/AWWSC@AWW, John             |
|            | Bigelow/ADMIN/CORP/AWWSC@AWW, Nick Rowe/KAWC/AWWSC@AWW, Cheryl D           |
|            | Norton/ILAWC/AWWSC@AWW, Meg Neafsey/ADMIN/CORP/AWWSC@AWW,                  |
| Cc         | Walter Lynch/SERVCO/AWWSC@AWW, Ellen C Wolf/ADMIN/CORP/AWWSC@AWW, Kellye L |
|            | Walker/LEGAL/SERVCD/AWWSC@AWW, Mark Strauss/AAET/AWWSC@AWW, Martin D       |
|            | Kerckhoff/MOAWC/AWWSC@AWW, Andrew S Twadelle/ADMIN/CORP/AWWSC@AWW, Tammy   |
|            | T MacLaughlin/CALLCTR/CORP/AWWSC@AWW, Jody E McCracken/SERVCO/AWWSC@AWW,   |
|            | John C Clarkson/SHARSVCS/AWWSC@AWW, Traci A Cross/PAWC/AWWSC@AWW, Trisha   |
|            | Etedali/SHARSVCS/AWWSC@AWW, Stacy Dwens/KAWC/AWWSC@AWW, Doneen 5           |
|            | Hobbs/ADMIN/CORP/AWWSC@AVW, David S Derr/PAWC/AWWSC@AWW, Emily A           |
| <b>.</b> . | Ashworth/SERVCO/AWWSC@AWW, Mark S Smith/SERVCO/AWWSC@AWW                   |
| Date.      | 0B/01/2011 04:32 PM  |
| Subject    | Billing Services Plan  |
| Sent by:   | Debbie Hendrix   |
|            |  |

Presidents and other leaders: Per our recent meetings and emails, the decision has been made to exit all billing contracts within the regulated business <u>Your teams should begin contacting the clients now to prepare for exit.</u> All contracts must be exited as soon as possible, but not later than the term expiration By December 1, 2011, you must determine and notify Tammy MacLaughlin in Business Transformation of any contracts which cannot be terminated by October 31, 2012

As promised, attached below is an instructions spreadsheet. Take a look at all the tabs. The tabs provide the expiration dates for your agreements and the time when you need to communicate and then terminate the service (see the billing contract terms calendar). The IT work required to unwind the agreements is quite time-consuming; it is critical that the contracts are terminated based upon the billing contract terms calendar. Additionally, the multiple tabs provide other pertinent information. A communications plan is provided in the second attachment

Due to the complexities and regulatory requirements, no standard price was developed system-wide for provision of shul-off services and data usage (meter reads) Each state should reconfirm or establish its standard pricing

The ELT has decided that the total costs of retention of any of these contracts will be born by the states which retain them This includes a pro-rata share of the SAP enabling (fixed = \$500K) costs and the \$40K variable set up costs per contract.

It is up to each state to execute this plan. <u>Each Division's Customer Service Director worked on the team to develop this exit plan and is your contact person for assistance with the technical/IT aspects, scheduling questions, etc.</u>

Thanks for your cooperation

Walter Lynch and David Baker

PSC EXHIBIT \_\_\_\_

# American Water Billing Services Communications Plan

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- 9. Sample internal messages

## 1. SITUATION ANALYSIS

Current Situation – American Water has decided to exit all billing agreements as soon as possible. Because of the complexity involved in implementing this decision, there is a need for standardized messaging and strategies to ensure a consistent approach to dealing with stakeholders and employees throughout the business.

## 2. STAKEHOLDER ANALYSIS

#### Internal stakeholders

- Employees
- Customer Service Center representatives
- Business Development and Management Teams

#### External stakeholders

- Municipalities /All Billing Clients
  - Government leadership including mayors, council presidents, clerks, etc.
- Public Utility Commissions/Public Service Commissions
  - Commissioners
  - Key staff
- Government
  - Other local government leaders
  - State government leaders
- Impacted Customers

#### 3. COMMUNICATIONS STRATEGIES (CUSTOMIZE TO FIT STATE PLANS)

#### External Strategy

- Communicate to Clients and Regulatory Commissions that American Water has made a strategic decision to exit the billing services line of business.
- STATE American Water will work with each client to ensure a smooth and timely transaction, provide names of other billing services companies that may be able to assist, and continue offering data usage services and sewer shut-off services where permitted/applicable.
- There will need to be some customization of talking points and information for each affected state subsidiary based on local circumstances and issues surrounding this business process change.

#### Internal Strategy

- Use SplashPoints and "News You Need to Know."
- Hold a national Communications Partner Network (CPN) call to update employees.
- Develop and distribute talking points for our Customer Service Center team and team leaders in the field for use at tailgate or other in-house meetings.
- Update progress of this initiative using the employee intranet site.
- Use Toughbook as a means to communicate with field employees when official announcement is made to ensure they are aware of the changes.
- Partner with Human Resources and Legal to communicate with employees concerning any staffing level impacts.

### 4. KEY MESSAGING (CUSTOMIZE TO FIT STATE PLANS)

#### Exit from Billing Services Agreements

**Primary Message** - American Water has made a strategic decision to exit the Billing Services line of business and will focus efforts on its core service of providing high-quality water service and reliable wastewater service to communities we serve.

- Supporting Messages American Water's information technology systems are antiquated and need to be replaced. With the needed changes in company technology, the ability to support billing services for outside organizations will be limited.
- STATE American Water will work with each client to ensure a smooth and timely transaction and, if possible, provide names of other billing services companies that may be able to assist.
- We will also offer data usage services and sewer shut-off services, where permitted.

# 5. TIMELINE (CUSTOMIZE TO FIT STATE PLANS)

#### August and September 2011

- Create a list identifying the primary contact(s) at each municipality with whom an initial meeting should be held.
- Identify priority contacts that should be addressed first (due to contract terms, size of/relationship with municipality, etc.).
- Identify local operations/GA/BD/legal leads that should be present for each meeting and determine who will set up initial meetings.
- Reach out to local billing vendors to see if they are interested in being listed as for referral purposes.
- Begin holding personal meetings with municipalities explaining that the company will be exiting its billing services line and that we wish to work with them to ensure a smooth and timely transition. Discuss alternate vendors and costs associated with continuing to provide data usage information and shut-off services.
- Begin mailing official contract termination letters as required by contract terms and state needs.
- Where applicable, send letter of notification and/or meet with PSC/PUC staff and/or commissioners to inform them of the company's decision (this may need to occur prior to meeting with municipalities depending on state regulatory requirements and/or relationships).
- Determine the operational impact on local staff and/or CSC special accounts department with regards to sewer notifications, shut-off requests, etc.
- Notify employees of the company's plan to exit billing services contracts over time and send out talking points. Stress the need for confidentiality and the state subsidiary's timeline for communication with external stakeholders.

November and October 2011

- Hold follow-up meetings with municipal leaders to discuss process/timeline.
- Send out follow-up communications to employees regarding the company's exit from billing services agreements.

December 2011

• Submit to BT a final list of contracts that need to be converted to SAP until contract terms or other requirements can be satisfied.

January - October 2012 or as contracts come to a close

- Work with municipalities to notify customers of billing transitions.
- Send out follow-up communications to employees regarding the company's exit from billing services agreements.
- 6. SAMPLE CONTRACT TERMINATION LETTER (to be customized at the discretion of each state president with legal counsel guidance)

September 1, 2011

Dear Sewer Authority,

Please consider this letter as our official notice to terminate the billing agreement between STATE American Water and Sewer Authority on good terms ending December 31, 2011. This notification abides by Article III of the contract, which requires a 90-day written advance notice for either party to discontinue the automatic annual contract renewal.

As you are aware, American Water has made a strategic decision to exit the Billing Services line of business to better focus our efforts on our core service of providing high-quality water service and reliable wastewater service to communities we serve. American Water's information technology systems are antiquated and are in the process of being replaced. With the needed changes in company technology, our ability to support billing services for outside organizations is limited.

We value your business and will work with you ensure a smooth and timely transition for your billing services. We look forward to maintaining our partnership by continuing to provide usage data and sewer shut-off services.

Sincerely,

 SAMPLE REGULATORY NOTIFICATION LETTER (to be customized by each state president with legal consultation to fit his or her state regulatory environment)

September 1, 2011

Dear AREATERS

This summer, American Water made a strategic decision to exit the Billing Services line of business. We have already held preliminary meetings with our partner sewer authorities throughout <STATE> and will be working with each of them over the next few months to ensure a smooth and timely transition. We have provided each entity with information on alternative billing services companies, and have committed to continue offering data usage and sewer shut-off services

The company's decision to exit the billing service business is, first and foremost, the result of American Water's constant reevaluation of its operations. We realized a need to better focus our efforts on our core business of providing highquality water service and reliable wastewater service to communities we serve, rather than continuing to support outside billing services that are not part of our core business.

Furthermore, American Water's information technology systems are antiquated and are in the process of being replaced. With the needed changes in company technology, our ability to continue supporting billing services for outside entities is limited.

If you have any questions about this process, please contact \_\_\_\_\_\_ at (###)

Sincerely,

#### 8. SAMPLE BILL MESSAGE

\*\*Effective December 31, 2011, your charges from Sewer Authority will no longer appear on your STATE American Water bill. Rather, you will be billed separately for your monthly Sewer Authority charges by Billing Vendor or Sewer Authority Name. If you have any questions about your water bill, please contact STATE American Water's customer service center at 1-800-685-8660. If you have any questions about your sewer/municipal fees bill, please contact Sewer Authority at third and municipal fees bill, please contact Sewer Authority at

#### 9. SAMPLE INTERNAL MESSAGES

#### Internal Draft Template 1

As you may be aware, American Water has made a strategic decision to exit the Billing Services line of business to better focus our efforts on our core service of providing high-quality water service and reliable wastewater service to communities we serve

American Water's information technology systems are antiquated and are in the process of being replaced. With the needed changes in company technology, the ability to support billing services for outside organizations is limited. The company is working with affected municipalities to ensure a smooth and timely transition of these billing services.

In some communities, the company will maintain its valued partnerships by continuing to provide usage data and sewer shut-off services As always, our goal at American Water is to maintain strong relationships with the customers and communities we serve across the country.

#### Internal Draft Template 2

This summer, American Water made a strategic decision to exit the Billing Services line of business. We have already held preliminary meetings with our partner sewer authorities throughout <state>, and will be working with each of them over the next few months to ensure a smooth and timely transition. We have provided each entity with information on alternative billing services companies, and have committed to continue offering data usage and sewer shutoff services.

The company's decision to exit the billing service business is, first and foremost, the result of American Water's constant re-evaluation of its operations. We realized a need to better focus our efforts on our core business of providing highquality water service and reliable wastewater service to communities we serve, rather than continuing to support outside billing services that are not part of our core business

Furthermore, American Water's information technology systems are antiquated and are in the process of being replaced. With the needed changes in company technology, our ability to continue supporting billing services for outside entities is limited.
| <u>Goals and Targets</u><br>Documents the directive and goals concerning the decision to exit AW billing services agreements.   |
|---|
| Contract and Terms<br>Documents key information concerning the billing agreements in each state including customer count and contract terms.  |
| <u>Planning Calendar</u><br>High level overvlew of billing services exit activities over the next 6 months  |
| Billing Contract Terms Calendar<br>Documents the planned termination dates of all AW bitling contracts. The next available termination date of each contract is<br>populated in the corresponding month and year and highlighted in green. The red cells represent notification requirements of<br>intent to terminate the contract. The calendar will be used to plan exit activities and coordinate with IT who will be responsible<br>for transitioning the billing back to the municipalities or new service providers. |
| <u>Usage Data and Sewer Shut-off</u><br>Recommendations on new usage data and sewer shut-off agreements.  |
| IT Requirements & Constraints<br>Documents general guidelines, parameters and constraints impacting IT's ability to exit the contracts.   |
| <u>Billing Services Vendors</u><br>Documents potential vendors that may be able to offer billings services to the municipalities.   |
| <u>SAP Standard Offering</u><br>Describes billing services in current agreements and contrast them to the standard offering that will be available for those<br>contracts that will need to be converted to SAP until they are eventually exited.   |
| <u>Issues Log</u><br>Documents questions and issues that arise during the process.  |
| Term Dates Summary<br>Summarizes the contract exit dates by month and year terminating as well as customer count.   |
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|  |   |   | ly - automatic renewal y 19 yr   | iyr - automatic renevral yr to yr |  | <u>lyr - automelic renewal yr lo yr</u> | Contract until 6/20/13 then 1 yr -   | automatic renormal yr to yr      |  |   | יוער - מטוסותפונט רפוויניישו אבווי אין<br>אסמו |                | twr - anisomalic renewal vi fo vi                |                               | On month to month hasts.                           | tvr - automotic tettevral yr fa yr   |                | 1)1 - nulonallo renorral yr lo yr               | fyr - automatic renewal yoar to                                      | nak   | 3 year larm conlracts.<br>Automotically renowed for  | successive one (1) year louns. | 3 year term contracts.<br>Automotically reneved for<br>successive one (1) year terms.          |
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|  |   | <u>,</u>  | m                                | VIII                              |  | 5                                       |  | LUV                              |  | Vni   | VAI  |                |  | VII                           | VNI  | 5  | n¢1            | 062   |  | - 11  | Annual state in the second state   |                                | 44   |
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|---------------------|---|---|---|---|--|---|--|--|--|--|-------------------------------|--------------------------------|--------------------------------|--|--------------------------------|--------------------------------|--------------------------------|--|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|--|--------------------------------|--------------------------------|
|                     | QU  | QN  | ON  | ON  | DM   | 014   |  | 0N   |  | Sal A  | 50 >                          | 50 - 103                       | Yes                            | Yes                                      | Yos                            | Yes                            | Yes                            | Yea  | 58)                            | 105                            | Yes                            | Xes (                          | 185                           | Yes                            | ξaλ                            | YBS                          | 703  | тев                            |                                |
| ALTERICATENTIAL BAR | 1/29/2012 (ond ol 3 year letm)  | 7/22/2012 (ond of 3 year lerin)   | 11/10/20112 (Å vent letut vo)   | 77567813 (and of 3 real form)   |  | funne mail e in hill cinzzer  | 10/22/2013 (end of 3 year letin)                             | (ma) tear (jo jua) Elocitoret                                      |  | Sopleraber 30, 2012  | Septeriber Ju. 2016           | September 30, 2012             | September 30, 2012             | September 30, 2012<br>September 30, 2012 | September 30, 2012             | September 30, 2012             | September 30, 2012             | Seplember 30, 2012                             | Suplember 30, 2012             | November 30, 2012              | November 30, 2012              | floveniber 30, 2012            | Navamber 30, 2012             | Havenber 30, 2012              | Noveaber 30, 2012              | Navaditat 30 2012            | Novernbor 30, 2012   | flovember 30. 2012             |                                |
|                     | 180 days nolice 1/3 1/2012  | 180 dinve notice 1/31/2012  |   | 2102/02/18 crilion even up 1  |  | 180 deys nouce <u>%3/2/</u> 012   | 180 days notice 4/25/2013                                    | 100 June million Prior   | THE REAL PROPERTY OF THE PROPERTY OF THE REAL PROPE |  |                               |                                |                                |  |                                |                                |                                |  |                                |                                |                                |                                |                               |                                |                                |                              |  |                                |                                |
|                     | Written nottee of termination af<br>teast (190) days prior to the<br>explicition of hittern or any<br>exheenvent formeval farm. | Willen nolice of lemination of<br>fenal (160) days prior to the<br>oxphation of fullial term of any | Virginer noilee of termination of<br>least (180) days prior to the<br>expination of initial term or any | subsequent reteval termination at<br>Written notice of termination at<br>teast (180) days prior to the<br>expiration of initial term or any | subsequent renewal tone with<br>Willen notee of termination at<br>ieast (180) days prior to the<br>expiration of hills term or any | subsequent remained lettin,<br>Vvinten notice of termination at<br>tenst (180) days pulor fo tho<br>maturation of initial term or any | subsequent renoval ferm.<br>Written molice of fermination at | lenst (180) days prior to the<br>expiration of initial term of any | subsequent renewal term.   | 6 month notice of cancellaton  | 6 month notee of cancellation | 6 month notice of cancellation | 6 menth nolice of cancellation | B month netice of cancellation           | G month police of cencellation | e month notice of concellation | 6 month notice of cancellation | i 6 month notice of cancellation               | 6 month notice of concellation | 6 month notice of cancellation | s month nuttee of concellation | 8 month notice of cancelfallen | 6 month notice of canculation | 6 menth natice of cancellation | R month motice of cancellation |                              | 6 month notice of cancellation<br>6 month notice of cancellation |                                | 6 month notice of caricollauor |
|                     | 3 year texto confracts.<br>Automniteally renewed for  | 3 year fami contracts.<br>Automotically renoved for   | successive and ALJ year lands.<br>3 year lenn contracts.<br>Automnitcally tonewed for                   | successive and (1) year lanns.<br>3 year term contracts.<br>Automatically renewed for   | successive arte. (1) year terms.<br>3 year term confracts.<br>Automntically renowed for  | successive one (1) yoor lenns.<br>3 year lenn contracts.<br>Automoticulur senaword for  | successive one (1) year letms.                               | 3 year ferm contracts.<br>Automatically renewed for                | successive one (1) your lerins.  | Automatic one year tenewal.  | Automatic one year renorval.  | Automatic one year renewal.    | Automatic one year renoval.    | Automalic one year renewal.              | Automatic one year renewal.    | Automatic one vent reneval     | Automatic one year rolloyral.  | Automatic and vent renewal.                    | Automatic one vear renewal.    | Aufomatic one year renewal.    | Automotio and vent recound     | Automatic and vest temevel.    | Automatic and year renerral.  | Aniomalic mie veer renord.     |                                |                              | Automotic and year renewal.                                      | Valatitatic and test tellettat | Automotic and year renewal.    |
|                     |   | E007/3711   | 6002/02//   | 11/19/2009  | 2/25/2010  | 3/2/2010  | 10/22/2010   |  | 12/21/2010   | 4/22/1950  | 3/20/1986                     |                                |                                |  | 1 1/22/1994                    |                                | 6/26/1972                      |  |                                | 7/14/1983                      |                                |                                | 12/5/1990                     |                                |                                |                              |  |                                |                                |
|                     |   | >   | 0   | <u>ர</u>  | n  | D   | 0  |  | -  |  | •                             |                                |                                |  |                                |                                |                                |  |                                |                                |                                |                                |                               |                                |                                | -                            | •  | •                              | -                              |
|                     |   | 6671  | 2415  | 219   | 4368   | 110   | 1957   |  | 1810   | the state of the s | E21                           |                                | 265                            | •  | 1,385                          | -                              | 1,031                          |  | 407.2                          | 2.404                          |                                | 808.1                          | 352                           |                                |                                | 154                          | 1  | 322                            | 443                            |
|                     |   | 6671  | 2425  | 224   | 1/64   | 8   | 1957   |  | 1810   | En co.   | 123                           |                                | 165                            |  | 1,385                          | •                              | 1,631                          | 7447   | 2,975                          | 3.289                          | 211.2                          | 1.808                          | 1.452                         |                                | aur                            | 154                          | 2  | 322                            | 443                            |
|                     |   | -   |   | -   |  | -   | -  |  |  |  |                               |                                |                                |  | -                              |                                |                                | -  |                                |                                | -                              |                                |                               | -                              | _                              |                              |  |                                |                                |
|                     |   | Cheryl DiSanti  | Cheni Disanu  | Cheryl Disanti  | Cheryl DISanl  | Cheryl Disant   | Cheryl Disanli   |  | Cheryl Disanti   | V4   | Rachel Bailey                 |                                | Rachel Barlley                 | Rechei Barlley                           | Rachel Barley                  | Rachel Bailley                 | Rachel Burlley                 | Itacifei baluey                                | Rachel Barlley                 | Rachel Berlley                 | Kanied Balley                  | Racitel Barlley                | Rachel Burley                 |                                | Rachel Barlley                 | Rachel Bortley               |  | Tucinel Barlley                | Rachel Barlley                 |
|                     |   | Palmer Twsp   | 11, Londonberry Twap  | Valon (vap  | Canonsburg   | Ugper Providence  | Hev Caste/Unlan  |  | Lemoyne Borough  |  | Challenorga                   |                                |                                | Lookoul Mountain GA Fixed<br>Channe      | Y/Er                           | B                              | Т                              | Redbank Hamilon Sewer<br>Redbank Hamilon Fixed | Charge                         | Redbank Hamilton Garbage       | E. Ridge Hemilion Sevier       | Charge                         | E. Ridge Homilton Gerbage     |                                | Homilton County Flored charge  | Ridgeside Hemilton Cly Sever | Ridgeside Hamilion Ciy uxeu<br>Charge                            | Walker County Serrer           |                                |
|                     |   | ν <sub>1</sub>  | ¥4  | Vd  | Vd   | ٧d  | 5  |  | ٧d   |  | E                             |                                | EE                             | F  |                                | E I                            | NL                             | Ē  | 111                            | ž                              | =                              | Ē                              | E                             | =                              | M                              | Ε                            | ш  | E                              | E                              |

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| 1  |                                |   |                                | 1                              |                               |                                | 1  | T                              |  |                                |                                | 3   |   |  |   |   |   | 19 19                                     |   |  | [  |
|--|--------------------------------|---|--------------------------------|--------------------------------|-------------------------------|--------------------------------|--|--------------------------------|--|--------------------------------|--------------------------------|---|---|--|---|---|---|---|---|--|--|
| Yes                                      | Yua                            | Yes   | Yes                            | Yas                            | Yea                           | Yes                            | 40   | Yes                            | Mo   |                                | Yes                            |   | Yes                                       | Yes  | Yes                                       | Yes                                       | Yes   | Yes                                       | Yes                                       | Ύв                                       | Yes  |
| flovember 30, 2012                       | flovember 30, 2012             | Dacember 31, 2012   | December 31, 2012              | December 31, 2012              | December 31. 2012             | December 31, 2012              | Ellhor party may terminate with 1 yr.<br>yrdilan yrolica of terminalion  |                                | Ellher parly may terminate with 1 yr.<br>written judice of termination |                                |                                | مىر بەر سالىر دارىكى بەر ئەر ئۆكۈچۈك مىڭ ئۆكەندارىيى 1000 مىڭ 1000 مىڭ 1000 مىڭ 1000 مىڭ 1000 مىڭ 1000 مىڭ 1000<br>مەر بەر سالىر دارىكى بەر ئەر ئۆكۈكۈك بەر ئەر ئەر ئەر ئەر ئەر ئەر ئەر ئەر ئەر ئ   | December 31, 2011                         | December 31, 2011                          | Dacember 31, 2011                         | December 31, 2011                         | December 31, 2011                             | December 31, 2011                         | Decentiber 31, 2011                       | Decentiber 31, 2011                      | Decentitier 31, 2011                                   |
|  |                                | th and the second se |                                |                                |                               |                                | _  |                                |  |                                |                                | anto mittanti ar a chi biaki ma an ana ang  |   |  |   |   |   |   |   |  |  |
| 6 month notice of concellation           | 6 month notice of cancellation | Self retremity for periods of 5 yr<br>Niereollor. Agreement dale:<br>5/21/2004                                  | 6 month notice of concellation | 6 menth nolles of concellation | ם שמותו נוסווכב מן במעכמומושו | d month notice of carcellation | Eillier party ring formholo wills t<br>yr. Willion nolice of tofmination |                                | Editer party may terminate with 1<br>yr, willen noilce of termination  |                                |                                | a series of the | 30 day nolice of fermination<br>required. | 30 dav nolice af terminalion<br>Ieguliced. | 30 day nollce of ferminalion<br>required. | 30 day nallce of lermination<br>required. | 90 ជំនុក កេរ៤៤០ of fermination<br>ខេត្តឃុំដែល | 90 day nolice of lerminalion<br>required. | 90 day notice of teanination<br>sequited. | 90 day nolice af leminalion<br>required. | 30 day nolice al lerminalion<br><sup>7</sup> izquited. |
| Aulomatic and year renewal.              | Automatic one year renerrel.   | 30 years from the date of the<br>first billing of serres charges  | Automatic one year renewal.    | Automatic one year tenerral.   | Automolic one year remember   | Automalic one ynar renewal.    | 10 yr. w/ autonitalic renewal  |                                | 40 yr. w/ aulcuta0c conawal  |                                |                                | which is a strate of the section of the   | Automatic one year tonowal.               | Automatic one year renewal.                | Automatic ane year renewal.               | Aufamatic one year renewal.               | Aujaniisila ane yeat tenewal.                 | Automalle one yest renewal.               | Automatic and year tenerral.              | Automatic one yest tenerval.             | Automatic one year renewal.                            |
|  |                                | 5/27/2004   | 5/3/2005                       | 6661/1/6                       |                               |                                | 8) 12/ 1968  |                                | <u>9</u> /1/1954   |                                |                                | In State of the state of  | 10/1/1955                                 | 10/1/1998                                  | 106(1881                                  | 1 <i>w</i> 1/1998                         | 10/1/1998                                     | 10/11/1268                                | 10/1/1868                                 | 12/17/2004                               | 12/1/2011  |
|  | 2                              |   |                                |                                |                               | 126                            | D  |                                | 0  | ß                              |                                | and an and and and a set  | D   | ŋ  | a   | D   | D   | Ð   | ٥   | Ð  | D  |
| 7,608                                    | 412                            | 12  | 108                            | 828                            |                               | •                              | 210.8  |                                | 25,304   | 298                            |                                | A THANK HIND AND AN   | 21,545                                    | 187,1                                      | 601                                       | 528                                       | 1644  | BE  | ßů  | 1,206                                    | M  |
| 7,808                                    | 442                            | [2]   | 260                            | 828                            |                               | 126                            | 9.017  |                                | 100'52   | 298                            |                                | and the second and the second state   | Z1,645                                    | 1821                                       | [0]                                       | 528                                       | 1644  | 13  | 90  | 1.200                                    | 141  |
|  | -                              | ~   | ~                              | -                              | -                             | 1                              |  |                                | 77   | -                              | 7                              | 1   | -   | -  | -   | -   | -   |   |   |  |  |
| Recital Bartley                          | Rachel Barlisy                 | Ractiel Batlley   | Rachel Barlley                 | Ruchel Bartley                 | Rachel Barlley                | Ractiel Barlloy<br>TN          | . =  | Touni Monk /<br>Linda Bouvella | Tonni Morik /<br>Unda Bouvelle   | Tonni Monk I<br>Linda Bouvelle | l onni Monk/<br>Linda Bouvella | VA +  | Jeff Ferroll Cludo<br>Bourello            | Jeff Ferrefiñ, Índa<br>Bouvello            | Jett FerrellAJnda<br>Bouvelle             | Jeli FacreitAInda<br>Bouvella             | Jell Fenell/Inda<br>Bouvelle                  | Jeli Ferreli Linda<br>Bauvelle            | Jolf Ferrell Cindo<br>Bouvelle            | Jolf Fonelh Inda<br>Bouvelle             | Jell Ferrell/Linda<br>Bouralia                         |
| E, Nidgo Glovn Hamilion Fixed<br>Cliaige | -1                             | Ringgald Server   |                                |                                |                               | Lane Oak                       | Refuse   | i-lupawell Tax                 | Alexandria Sewer   | Nexandila Refuse               | Alexandria Tex & Sower         | and the second se   | Hunlington Sewer                          | Barbaursville                              | Gicen Acros                               | Spiling valley                            | Sissanuille                                   | , ערוינוסאן                               | CliesInul                                 |  | 15   |
| Ē  | Ē                              | E   | H                              | Æ                              | E                             | ž                              | Ş  | X                              | Ş  | ۶                              | Ŷ                              |   | ¥   | ¥  | ¥   | Ŵ   | Ŵ   | ¥   | Ŵ   | ۸۸,                                      | À  |

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|---|---|-------------------------------|---|--|---|---|--|---|---|--------------------------------|-------------------------------|--------------------------------|--|---|
|   | Yes                                       | Yas                           | , in the second s | Yas                                      | Yaa                                       |   | Kes  | Yeb                                       | say                                       | Yas                            | Yea                           | Yas                            |  |   |
| Deculiber 31, 2011                        | Decamber 31, 2911                         | December 31, 2011             | December 31. 2011   | December 31, 2011                        | December 31, 2011                         | Uecember 31, 2011                         | Decomber 31, 2011                          | Dacember 31, 2011                         | June 20, 2012                             | December 31, 2011              |                               |                                |  |   |
|   |   |                               |   |  |   |   |  |   |   |                                | Solutory                      | Lining                         | فللميت المتحدث المخرجة   |   |
| gu day notice of termination<br>required. | çu day nolice of lerninallon<br>required. |                               | 90 day nailee of lerminallori<br>requirod.  | gu day nolce of lenninallon<br>required. | ga day nolice al lerminavori<br>regulied. | gu day nolice of lermination<br>reguladd. | gg day nailtee of termination<br>tequired. | ga day nalica of tormination<br>required. | gu day nolice of lermination<br>required. | tequited.                      |                               |                                |  |   |
| Aulomatic and year renaval.               | Automalic and year renewal.               | Automalte ana yeat tenevral.  | Automatic one year renewal.   | Autonialic one year renewal.             | Automalic one year renewal.               | Automatic one year renewal                | Automaile and year terrewal.               | Automatic and year renewal.               | Automatic one year renewal.               | Automalic and year tenewal.    |                               |                                | and a second |   |
| 8661/01/11                                | 11/16/1388                                | 11/16/1998                    | 1/20/1998   | 1/12/2004                                | 41512004                                  | 1/26/2004                                 | 1002/11                                    | 9/25/2001                                 | 01 <i>1</i> 2010                          | 1/10/2011                      |                               |                                |  | the manufacture of the second s |
|   | D   | D                             | 0   | ß  | ß   | D   | 0  | 0   | D   | D                              |                               |                                |  | And the second  |
| 625                                       | 688                                       | 100                           | 1.137   | 4822                                     | 360                                       | 107                                       | 1211                                       | 28  | 629                                       | 111                            |                               |                                |  |   |
| A75                                       | 698                                       | 700                           | 4,137   | 4822                                     | 380                                       | 101                                       | 121  | 28  | 629                                       | 111                            | Hal In scope                  | flot in scope                  | ) lol in scape   |   |
|   |   |                               |   |  |   |   |  |   | -   |                                |                               |                                |  | 156   |
| and a                                     | Jail Ferrell/Lind#<br>Bouvoile            | Jeli Forreit/Inda<br>Bouvolle | Jell Ferreil/Linda<br>Denverte  | Jail Ferreih Inda<br>Anivalia            | Jeff FerrellA.Inda                        | Jolf Ferrell/Linda                        | Jell Ferrell Linda                         | Jell Fertell/Linda<br>Darrotta            | Joli FerreßA.lirda<br>Bouyella            | Joll Forcell/Linda<br>Bourello | Jett Ferreli/Unda<br>Bouvella | Jeli Ferreli/Linda<br>Bouvello |  | M.  |
|   | Harmel                                    | X                             |   | Aana Mia                                 |   | Smilhers Sanil Bu                         | Elg Bend                                   |   | ronaugy r ann<br>Town of Ansload          | Monteennery Santi Bd           | Surcharge (64 Districts)      | 216 Taxes (38 D)stilets        | i funtingion Rev.  | a frida fra star a s   |
|   | <u>\</u>                                  |                               |   | AW 3                                     | ٨٨٨                                       | ANV.                                      | <u></u> ₹                                  | X   | AM AM                                     | 200                            | M                             | NM<br>M                        | M  |   |

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|---|---------------------------------|-------|--------------|---|-------------------------------------|-----------------|-----|---|---|--------------|------------------------|--|---|---|---|-------|--------------------------|-----------------------|
| יוולידי לישה בשויים ביות ביום או<br>אווויד מיז לאביעריו לם ביול ביום  | (क्रिस्ट स.क्रम्ट               | E C   |              |   |                                     |                 |     |   | _   |              |                        |  |   | _ |   |       |                          |                       |
| and a point   |                                 | 60161 |              |   |                                     |                 |     |   | <br>  |              |                        |  |   |   |   |       |                          |                       |
| boling sersensats.  | 1                               | ,* -  | -            |   |                                     |                 |     |   |   |              |                        |  |   |   |   |       |                          |                       |
| <br>ر الأب حراها ساجة فالمعاد الم السال الله حسب والحراة عادل المواد<br>الحد الإدارة حضاء على المال معام ( الألا حسب والحراة عادل التوانية<br>المالية من معام المالية المالية المالية المعام المالية المعادية المعادية المعادية المعادية المعادية المعادية ال   |                                 | ::    | lithint mi   |   | <br>                                |                 |     |   | <br>  |              |                        |  |   |   |   |       |                          |                       |
| <br>ાઝાઇન દિવ્હ શિવ<br>- ઉપ જ જાણાવ્યું કે શાહારેન્ટ બળ્યો પર છે. કાર્યક કાર્યક કાર્યક<br>- ઉપજોય જાળ દાહાર્ય તેમક વાહાર થયે દેવીનું પ્રેપ્સે તેમ સ્પ્રેશ્વેસ કર  |                                 |       |              |   | <br>                                |                 |     |   | <br>  |              |                        |  |   |   |   |       |                          |                       |
|   |                                 |       |              |   | <br>                                |                 |     |   | <br>  |              |                        |  |   |   |   |       |                          |                       |
| יזו בעומבינז את היאליות עומי וז מיז העומר ומהיאליות וואיינו און גער וואיינו און גער וואיינו און גער גער וואיינו<br>געראראיינו איינו געראייניים געראיינים און געראיינים און געראיינים און געראיינים און געראיינים און געראיינים און  | EA least to the last main       | 1.42  | Det Institut |   |                                     |                 |     |   |   |              |                        |  |   |   |   | 10000 |                          | and the second second |
| יו אלו איז אין ברוכבילים וליח (לוא<br>יו אלו איל מווועסיר (בר לנומולים נים<br>וווון וווי לייאינים יו לנומולים נים<br>וווון וווי לייאינים יו לייאינים<br>מקריקיים איז ברך ביידיים לשים   |                                 |       |              |   |                                     |                 |     |   | <br>  |              |                        |  |   |   |   |       |                          |                       |
| ואיזייו ואיטידנאושי<br>נא ע קטמהנא נתאלה קישאלה ו   | Culture Bildane Derdan          |       |              |   |                                     | _               |     |   |   |              |                        | -  | 1 | + | 1 | 1000  | Sec                      | 11.1.1.1.2.           |
| the set new tailed is not by  | Edds ferme                      |       |              |   | <br>titent etemi                    | anil<br>Anilana |     |   | <br>  |              | _                      |  |   |   |   |       |                          | and a second          |
| Ι.  | II and Contourn Relations (term |       | _            |   | <br>an an 1997 an an Anna Anna Anna | 1               | (e) | fertht##fert  | , on a second | - 10.7 07.02 | 2 (A12) - 10 (A12) - 1 | 107712-110-110-110-110-11-1-12-12-12-12-12-12-12-12-12-12-12-1 |   |   |   |       |                          |                       |
| الجلال عد الم تحليد مركا الروابيط الم الد وحسام 11 ال 2011 ركم المحسلة 11 الم<br>تشابه مذا المحد من الرواب المتلامات بديا الم وحد وه محدودة ما الارتسالة 11 الم   |                                 |       |              |   | <br>                                |                 |     |   | <br>  |              |                        |  |   |   |   |       |                          |                       |
| and the second se |                                 |       |              | Ħ |                                     | Ц               |     | Ц   |   |              |                        |  |   |   |   | 1111  | شيشيا مسالا فأواطح يعسهم | a the second          |

|              | and the second se | AND ADDRESS OF | in the second se | (1-1) TEN     | and the second sec | 5121510C26     |               | The second   |       |  |               | 1120000       | and the second se | and the second se | the second s | 200        | The second s |  |               |  |       |               | Salar and  | Lawrence and the second s | 1                                     |             |          |               |       |            |                |               |  |               |               | and a start of the |           | And and the survey of the surv | and the last of th |  |            |                          | and a state of the |                       |            |                               |  |                 |     |              |  |               |               | A DESCRIPTION OF A DESC | Constant of  | the second s |                   | And the second se |    |  |            |                 |               |               | 100000 C   | and the second second |             |               |           |                | THE PARTY OF THE P |              |     |   |
|--------------|---|--|--|---------------|--|----------------|---------------|--|-------|--|---------------|---------------|---|---|--|------------|--|--|---------------|--|-------|---------------|--|--|---------------------------------------|-------------|----------|---------------|-------|------------|----------------|---------------|--|---------------|---------------|--------------------|-----------|--|--|--|------------|--------------------------|--|-----------------------|------------|-------------------------------|--|-----------------|-----|--------------|--|---------------|---------------|--|--|--|-------------------|---|----|--|------------|-----------------|---------------|---------------|------------|-----------------------|-------------|---------------|-----------|----------------|--|--------------|-----|---|
|              |   | STR.   |  |               | Ť  |                | Ī             | 1  | Ī     | I  | Ī             | Î             |   | 1   | Ī  |            |  | Ī  |               | Ī  | Ī     |               | Ì  | Ī  | Î                                     | Ì           | Ī        |               | I     | Ī          |                |               |  | 1             | I             |                    | Ī         |  |  |  |            |                          |  |                       |            | 1                             |  |                 |     |              |  |               | Ţ             |  |  |  |                   |   |    |  |            |                 |               |               |            |                       |             |               |           |                |  |              |     |   |
|              |   | 111  | 1111   |               |  |                |               |  |       |  | Ι             |               |   |   |  |            |  |  |               |  |       |               |  | -  |                                       |             |          |               |       |            | in the second  |               |  |               | 1             |                    |           |  |  |  |            |                          |  |                       |            | 1                             |  |                 | ļ   |              | ļ  |               | -             | ļ  |  | -  |                   |   |    |  |            | Ц               |               |               |            |                       | 1           |               |           | ļ              |  |              | ļ   |   |
|              |   | 11-1-1   |  |               |  |                |               |  |       |  |               |               |   |   |  |            |  |  |               |  | 1000  |               |  |  |                                       |             | -        |               |       |            |                | ļ             |  |               | 1             |                    | -         |  |  |  |            | -                        |  |                       |            | +                             |  |                 | +   |              | -  |               | -             |  |  | 1  |                   |   |    |  | 1          |                 |               |               | +          |                       |             |               |           | 1              |  |              | -   |   |
|              |   | Contract of  | 11111  |               |  | -              |               |  | -     |  |               |               |   |   |  | ļ          |  |  |               |  | 10000 |               | ]  |  |                                       |             | 1        |               |       | 4          |                | 1             |  |               | 1             |                    | ļ         |  |  |  |            | 1                        |  |                       |            |                               |  |                 | 1   |              |  |               | +             |  |  | 1  |                   |   | 1  |  | +          |                 |               |               | 1          |                       |             | ļ             |           | +              |  |              | 1   | ļ   |
|              |   | 141515   | 11   |               |  |                | +             |  | +     |  | +             |               |   |   |  | <br>       |  |  | -             |  | 1     |               |  |  |                                       |             | <br>     | 1             |       |            | 1              | ļ             |  |               | +             | <u>  </u><br>      | 1         |  |  | 1  |            |                          |  |                       |            |                               | <br>   |                 |     |              |  |               | 1             |  |  |  |                   |   | 1  |  | -          | 1               |               |               | +          |                       | Ц           | 1             |           | 1              |  |              | 1   |   |
| -            | 10000   | 1111   |  |               |  | -              | <br>T         |  | -     |  | ļ             |               |   | -   |  | +          |  |  | Ŧ             |  | ļ     |               |  | 1  |                                       |             |          | +             |       |            |                | $\frac{1}{1}$ |  |               | $\frac{1}{1}$ |                    | +         |  |  | 1  |            |                          |  | <br>                  |            |                               | 1  |                 | 1   | Į.           |  | Ī             |               | 1  |  | 1  |                   |   | 1  |  | 1          | $\frac{1}{1}$   |               |               | +          |                       |             | +             |           | Ī              | +  |              | 1   |   |
|              | 1   | 間  |  | T             |  |                | <u> </u>      |  |       |  |               |               |   |   |  | +          | Ī  |  | 1             |  | 1     |               |  | $\frac{1}{1}$  | 1                                     |             |          | $\frac{1}{1}$ |       |            |                | 1             | 1  |               |               |                    | +         | L  |  |  |            | 1                        |  |                       |            |                               | Ī  |                 |     |              |  | 1             |               | 1  |  |  | +                 |   | İ  |  |            | $\frac{1}{1}$   |               |               | $\dagger$  | Ī                     |             | -             |           | T              | 1  |              | +   |   |
|              | ij.   |  | 12   | $\frac{1}{1}$ |  | T              | 1             |  |       |  |               | -             |   | <u>i</u><br>1   |  |            | 1  |  | $\frac{1}{1}$ |  |       | ł             |  |  |                                       |             |          | +             | 1     |            |                |               | ł  |               | 1             |                    |           | 1  |  | 1  |            | +                        |  | 1                     |            |                               | t  |                 |     |              |  | 1             |               | İ  |  |  |                   |   |    |  |            | T               | 1             |               |            | t                     |             | t             | Ī         |                | t  |              |     |   |
|              | 4   |  |  | 1             |  | ł.             | $\frac{1}{1}$ |  | +     |  |               | Ι             |   | 1   |  |            | 1  |  | 1             |  |       | $\frac{1}{1}$ |  | 1  |                                       |             |          |               | 1     |            |                |               | t  |               |               |                    |           | t  |  | 1  |            | 1                        |  | t                     |            |                               | T  | Ì               |     | t            |  | t             |               | T  | Ť  |  | T                 |   | Ť  | Ī  |            | ſ               | t             | I             | İ          | Ť                     |             |               | t         |                | t  | İİ           |     |   |
|              | 1   |  | TANK AND ADDRESS   | $\frac{1}{1}$ |  | t              | +             |  |       |  |               | T             |   | 3   |  |            | Ť  |  | Ì             | Ī  |       | t             |  | Ì  | 1                                     | T           |          |               | İ     |            |                |               | t  |               |               |                    |           | T  | İ  | 1  |            | T                        | Í  |                       | İ          |                               | Ī  | Ť               |     | İ            | Ī  | İ             | Ī             | T  | T  |  | Ť                 | Ī   | Í  | Ì  |            | T               | Ì             | Ī             | Ì          | Î                     | Ī           |               | Ť         |                | T  | Ī            | İ   | 1   |
|              | -   |  |  | T             |  | İ              | ╡             |  | Í     | T  | Ī             | t             | Ī   |   | T  | I          | İ  | Π  | Ī             | Ī  |       | Í             |  | 11-11-2  | Ì                                     | Ī           |          | I             | Ì     | Ī          |                |               | Ì  | Ì             |               | Ī                  |           | T  |  |  |            | 1                        | Ī  |                       |            |                               |  | T               |     |              |  |               |               |  |  |  | I                 |   |    |  |            | $\ $            |               |               |            | Ī                     | 1           |               |           |                | 1  |              |     | ]   |
|              | Distantion of   | 14   |  |               |  |                | 12.12         |  |       |  |               | Ĩ             | 1   |   |  |            |  |  | 201           |  |       |               |  |  |                                       |             |          | 7             |       |            |                | 14            |  | li            | 1             | 事                  | 12        |  |  | Taxa a   |            | 1                        |  |                       |            |                               |  | 1               |     | -            |  | 1             |               | 1.1.1  |  |  | -                 |   |    |  |            |                 |               |               |            |                       | 1           |               | 1000      |                |  |              |     | a series a series a series a series a series a series a series a series a series a series a series a series a s |
|              | ALC: NO   |  |  |               | 111111   |                |               |  | 10.00 |  |               |               |   |   |  |            |  |  |               |  |       |               |  |  | 1.0.1.                                |             |          |               |       |            |                |               |  |               |               |                    |           |  |  |  |            | 1                        |  |                       |            |                               | 1  | 1               |     |              |  |               |               |  |  | 1  | -                 |   |    |  |            |                 |               |               |            | 1                     |             |               | 1000      |                |  |              |     |   |
|              | 1   | 13   |  | -             |  |                | 1012          | in the second se |       | 1  |               |               |   |   |  |            | 1  |  |               |  |       |               |  | 1 1.110  | 1                                     |             | ŀ        |               |       |            |                |               | 1611                                     |               |               |                    |           |  | 北北   |  | 北丁         |                          |  |                       |            |                               | 1  | 1               |     |              |  | -             |               |  |  |  | 1                 |   |    |  |            |                 |               |               |            |                       |             |               |           |                | 111  |              |     | 1-1-1-1   |
|              |   |  |  | ::            |  |                | 102           |  |       |  |               |               |   |   |  |            | -  |  |               | 1  | 1.1.1 |               |  |  |                                       |             |          |               |       |            |                |               |  | 1             |               |                    |           | 111  | 1111   |  | 1          |                          |  |                       |            |                               |  |                 |     | 1111 - 11    |  |               | 1             |  |  |  | 100               | 1   |    |  |            | 目目              | 111           |               |            |                       |             |               |           |                |  |              |     |   |
|              |   |  | 14.  | Ц             |  |                |               | -  |       | in liest   |               | 1             |   |   |  |            |  |  |               | 11.1   |       |               |  |  |                                       |             |          |               | -     |            |                | 1.1.1         | -  |               |               |                    |           |  |  |  |            |                          | 1  |                       |            | 非正                            |  |                 |     |              |  |               | 影曲            |  | 1  |  |                   |   |    |  |            |                 |               |               |            |                       |             |               | 100       | 1              |  |              |     |   |
|              |   |  |  |               |  |                | 100           |  |       |  |               |               |   | 11  |  |            |  |  |               |  |       |               |  |  |                                       |             |          |               |       |            |                |               |  | 1             |               |                    |           |  |  |  |            | 1.1                      | 1  |                       | 1          |                               |  | 1               |     |              |  |               |               | 1  |  |  |                   | 4   |    |  |            | 19              | 1000          |               |            | 100 100               | 中北          |               |           | 1              |  |              |     |   |
|              |   |  |  |               |  | 目目             |               |  |       | -  |               |               |   |   |  |            |  | j<br>I   |               | 11   |       |               | 1  | 4  |                                       | 1           |          |               |       |            |                |               |  | 1             | 1             |                    |           | 11   | 1  |  | 1          |                          | 1  |                       |            |                               |  |                 |     | 14           | 10.0   |               |               | 1  |  | 北北   | I                 | -   |    |  |            |                 | 1             | 11            |            |                       | -           |               |           |                |  |              |     |   |
|              |   | 311 N. 1943  |  |               | 1  |                |               |  |       | 11   |               |               |   |   |  |            |  |  |               | 1.1.1  |       |               | 11   |  |                                       | 1           |          |               |       | 1          |                |               |  | 1             |               |                    |           |  |  |  | i.         |                          |  |                       |            |                               |  | .               | 宇中生 |              |  |               |               |  |  | 一部に  |                   |   |    |  | 1          |                 |               |               |            |                       | -           |               | 12        | 1              |  | -            |     |   |
|              |   |  |  |               | 1  |                | 57 ING        |  |       | 1  | 11            |               | 4   |   | -  |            |  | in the second  |               |  |       |               |  |  |                                       |             | <u>a</u> |               |       | 1          |                |               |  | -             | 1             |                    |           |  | 11   |  |            |                          |  |                       |            |                               |  |                 |     |              |  | 1 2 2 4 2     |               |  |  | 1 1 1 1 1 1  |                   |   |    |  |            |                 |               |               |            |                       | -           |               |           |                |  |              |     | 1   |
|              |   | 1 9.9155   | 11   | 11            |  | 11             | the state     |  |       |  |               |               |   | 1   |  |            |  | Name of Street o |               |  |       |               | The second   |  | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1           | 1        |               |       |            |                |               |  |               | 1             |                    | T         |  |  |  |            |                          |  |                       |            |                               |  |                 | -   |              |  |               |               |  |  |  |                   |   |    |  |            |                 |               | 1100          |            | -10.074               |             |               |           |                |  | Ī            |     | Π   |
|              |   |  |  |               |  |                | 112.21        |  |       |  |               |               |   |   |  |            |  |  | Ī             |  | 1     |               |  |  | ľ                                     |             | -        | -             |       | ]          |                |               |  | 1             |               |                    | -         |  | Ì  |  | 1          |                          |  |                       |            |                               |  |                 |     | 11111        | 11254  |               | THE PLAN      |  |  |  |                   |   | 1  |  |            |                 |               | 19            |            | :                     |             |               |           |                |  | 1            | 1   |   |
|              |   | Ī  |  | 1             |  |                |               | 11   |       |  |               | Π             |   | 1004.   |  | Ī          | Ī  |  | I             |  | I     |               |  | 1  |                                       |             |          |               |       |            | 1              |               | -  |               |               |                    |           | ST.L.S.  |  | 11111  |            |                          |  |                       |            |                               | Provent  |                 |     |              | I I I I I  | Ē             |               |  |  |  |                   |   |    |  |            | ļ               |               |               |            |                       |             | Concession of |           |                | ļ  |              |     |   |
|              |   |  | 12012  | 1010          |  |                |               |  |       |  |               |               |   | 1   |  |            |  |  |               |  |       |               |  |  |                                       |             |          |               | ļ     |            |                |               |  |               |               | distant in         |           |  |  |  |            |                          |  | and the second second |            |                               | the second   |                 |     |              |  | T-selo        |               | 1  |  | THE PARTY IS   |                   |   |    |  |            | -               |               |               |            |                       |             |               |           | 1              | 1  |              |     |   |
|              | Dial of   |  | 312425   | 1223-2        |  |                |               |  |       |  |               |               |   | ļ   |  |            |  |  |               |  |       | -             |  | 1  |                                       | 1-1-1-1     | Ş        |               | ļ     |            |                |               |  |               |               | the section of the |           |  |  |  |            | 1.10                     |  |                       |            |                               | 1000   |                 |     |              | I STATE OF   |               | THE STEP      | +  |  | THE PARTY  | +                 |   |    |  |            |                 | E             |               |            | The second second     | 17          |               | 125-26-15 | EST IN         |  |              |     |   |
|              |   |  |  | 1221          |  |                |               |  | -     |  |               |               |   |   |  |            | +  |  |               | 1111   |       |               |  |  | 1                                     | through the |          |               | +     | 1271112    |                |               |  | <br>T         |               | and services       |           |  |  | 1  |            | (2) ( <b>1</b> -173      |  | tern ite              |            |                               | 10112101   |                 |     |              | PULLIN 1   |               | AFU STATE     | +  | 1  | PERSONAL PROPERTY.   | 1                 | 1   |    |  | APPI LEAST | No.             | 111 111       | Takes and the |            |                       | 田町          | 5401          |           |                |  | 1            |     | musulas.  |
|              | HILL M  |  |  | THE NEW YORK  |  |                |               |  |       |  |               |               |   |   |  |            |  |  |               | 1122221  |       | +             |  |  | 1                                     |             | E CLAS   |               |       | 150 235 23 |                |               |  |               |               | A REAL REAL        |           | 1  | 11-2-11  |  |            |                          |  |                       |            |                               |  |                 |     | STATUTE DATA | ADDA PROPERTY  |               | HAMBLE STREET | 1  |  | ari tanti  | $\frac{1}{1}$     |   |    | The second second second second second second second second second second second second second second second s   | 1201112    | HT-HT           | and and       |               |            | 叩州                    |             | 121 121       |           |                |  | 5 h 11-52-11 |     |   |
|              |   |  |  | 1.71          |  | and the second |               |  |       |  | STATUTE INC.  |               |   | and sectors   |  |            | 1  |  | (Fuero)       | ALE AND  |       |               |  |  |                                       | H           | EE.      |               |       | E          |                |               | मका जिल्लामा                             | 1<br>         |               |                    | 1 million | and any part   | 11 120   | 1  |            | LOU HAVE DE              | T  | 11                    |            |                               |  |                 |     |              |  | THE OWNER WAT | *             | -  |  |  | +                 | 1   | Į. | 毘  |            |                 |               |               | 4          |                       | 出記          |               | E         |                | 5  |              |     |   |
|              | ar  | 4  |  |               |  | TIME           | <br>          | T  |       | AND DESCRIPTION OF THE PARTY OF | TAXABLE PARTY | $\frac{1}{1}$ | THE REAL PROPERTY.  | 1111  |  |            | -  |  |               |  |       |               | I  |  |                                       |             | I        |               |       |            |                |               | In Cashie                                |               |               | 11-17              |           |  | Sector Sector  |  |            | STATES AND IN CONTRACTOR | 1  |                       |            |                               |  | Ī               | ľ   | TIME AND     |  |               |               |  | in the second se |  | 1                 | ALC: NORTH  |    |  |            | <b>HERE AND</b> |               |               |            |                       | いたの         |               | -         | and the second | る  |              | 建花精 |   |
|              |   |  |  |               |  | 1              |               | Ī  |       |  | augustu) ar   | 1             |   |   | 1  |            |  |  |               | $\frac{1}{1}$  |       |               | 1  |  |                                       | 1           | 1        |               |       |            | I              |               |  |               | (Taber        |                    |           |  | 1  |  | -          |                          |  |                       |            |                               | CONTRACTOR INCOME  |                 |     |              |  |               |               |  |  |  | Π                 | ana alte  |    | Name of Street, Street | -          | H State         |               |               |            | U LANS                | area (      |               | 1         | 10.210         | CALCULAR OF  |              | 北田  | <b>P</b>  |
|              |   | na latera  |  | H H H         | $\frac{1}{1}$  | 1              | ╞             | THE REAL IN  | H     | t  | Ē             | ſ             | 1   |   | 1  |            | -  |  | Π             | $\frac{1}{1}$  |       |               | t  |  |                                       | 1           | 1        |               | Ĩ     | Ī          | li cara        | 1             | States in South                          |               |               |                    |           |  |  |  |            |                          |  |                       | - Internet |                               | The second second second second second second second second second second second second second second second s | a series of the |     |              |  |               |               |  | in the second  |  | THE R             | TELEVILLE IL  | 前相 |  | Ī          | - INFIELD       | 1010          |               |            |                       | A DOCTOR IN |               | Í         |                |  | 一部北          |     | The second second second second second second second second second second second second second second second se |
|              |   | 1 201-12   | - G  |               | T  |                | Ī             | anand a  |       | t  | 1             |               | Ī   |   | 1  |            |  |  | Ì             |  |       |               | Ī  |  |                                       |             | Ť        |               | 1     | İ          | THE PARTY      |               |  |               |               | and a second       |           |  | Ť  |  | The second |                          | Contraction of the   |                       | ALC: NO.   | 1en                           | 間  |                 |     |              |  |               |               | 1 and 1  | 出出   |  | 1 STITES          |   |    | T  |            |                 | THEFT         | Ī             | THERE DEST |                       | Ī           |               | T         |                |  |              | I   |   |
|              |   | 51   | H  | H             | t  | Í              | Í             |  |       | The second second second second second second second second second second second second second second second se  | N'LOT         | Í             | Ť   |   |  | Ī          |  |  | Ì             | HEFE   | Ī     | İİ            | Ī  | Ì  | Π                                     | Î           | Ť        | Π             | Ì     | Î          | Tanta I        |               |  |               | The state     |                    |           |  | Ī  |  | the second |                          | 25-1-1   |                       |            | attars                        |  |                 |     |              | Contraction of the local division of the loc |               | Rocentration  | The second   |  |  | Investor (Street) |   |    |  |            |                 |               |               | CHARD I    |                       | 1           |               |           | I              |  |              |     |   |
|              | N.  |  |  |               |  |                |               | 1000   |       | NOTION OF  |               | 12225         |   |   | 1  |            | Ì  | 5  |               | TAL DE   |       |               |  |  |                                       | 1141        |          |               |       | 1          | The second     |               | 10.57                                    | in the second |               |                    |           |  |  | Concession of the local division of the loca |            | THAT IS                  | ALL AND  |                       |            | Contraction of the local data |  |                 |     | 11-11-1      | 1111   |               |               |  |  | and the second   |                   | - the second  |    |  |            | 1000            |               |               |            | 1                     |             |               |           | 1              |  |              |     | 1   |
|              |   |  |  | 1             |  |                |               | -  | 1     | in the second  |               |               |   |   |  | 1          |  |  |               |  |       |               |  | h  |                                       |             | 1        |               | 12.22 |            | character of   |               | 1  |               |               |                    |           |  |  | Summer of  | - interior |                          | 10011  |                       |            | a lateral                     |  |                 | 印理  |              | Time of the local division of the local divi |               |               |  | - AND  |  |                   | 22.22   |    |  |            |                 |               |               |            |                       |             |               |           |                |  |              |     |   |
|              | 話記  | HILL.  |  |               |  |                |               |  |       |  |               |               |   |   |  |            | 10.000   | 1  | 1             | The second second second second second second second second second second second second second second second s |       |               | in the second se |  |                                       | TATA        |          |               | 1     |            | and the second |               |  |               | 加加            |                    | F         |  |  | 50   |            |                          |  |                       |            | A DESCRIPTION                 |  |                 |     |              | tion of the  |               | 907           |  |  |  | STATE OF          | 1   |    |  |            | 出               | C. R. Henrich |               |            | 12.2.2                |             |               |           |                |  |              |     |   |
| and a        |   | í.   |  | LINGS OF      |  |                | The second    | Series of  | II.   |  |               |               | WHEN .  | 14  |  |            |  | and a second   | q,            | H H  |       | 100           | 1  |  |                                       |             | 1        |               | 11111 |            |                |               | 1. |               |               |                    |           |  |  |  |            |                          |  | 影                     |            | Contraction of the            |  |                 | 浦道部 | Ľ            |  |               |               |  |  |  |                   | 1   |    |  |            |                 |               |               |            |                       |             |               | E         |                |  |              | 1   |   |
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|               |            |  |           |   |  |                | 11-1-1    |  | 10000         |      |    |  |        |     | 1.1 | ie.  |          |        |                     | 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.  | ATT IN                |  |            | The second second  |                |  |          |            | 12 10 10 10 10 10 10 10 10 10 10 10 10 10  |  |   | 1       |          | in the second   |               |  |    | 1         |               |       |  | 214 |     |               |   |          | and the second se |    |       | 語 !!  | 山田田  |       |                          |   |        |  |       |                   |                             | -   |  |
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|               |            |  |           |   |  |                | 1         |  | a betty       |      |    | To America   | 1      | 1   |     | -  |          |        | in the second       | 1. A.F.   |                       |  |            | 11111              | 1000           |  |          |            |  | 1.000                                  |   |         | 10 mm    |   |               |  |    |           |               |       |  |     |     | 1             |   | 1        | - Contraction   | 11 |       |       | 100000   | N III | 1                        | ļ |        |  |       |                   |                             |     |  |
|               |            |  | -         |   |  |                |           | Ī  | 100           | Ī    |    | 7  | -      |     |     | 1  |          |        |                     | 100   |                       |  |            | 11111              |                |  |          |            | Contract of the second se |  |   |         |          |   |               |  |    |           | Ţ             |       |  |     | ľ   | T             |   | units of | 1   | 1  |       |       | Ĩ  | 100-1 |                          |   | Ī      |  | 11    |                   |                             |     |  |
|               |            | Π  | J         | E   | 5  | Ĵ              | Į         |  |               |      | 5  |  | Į      |     |     | E.   |          | Free   |                     |   | 1                     | İr   | h          | Ī                  | 1              |  |          |            |  |  | Ţ   | 11-1-1  | 1111     | Ţ   |               |  |    | Ţ         | T             |       |  |     | Ī   | Ī             |   | Ţ        | I   | Ţ  | Ļ     |       | I  |       | ļ                        | T |        | 1114   |       | To all a second   |                             | ,   |  |
|               | 罰          |  | Ĵ         | The Construction  |  | 1              | Sec. La   |  |               |      |    |  |        |     |     |  |          |        |                     |   | li li                 |  | harden all | 0.2                |                |  |          | ļ          | (hethere   |  |   | 1       |          | 1111  |               | 111111   |    |           |               |       | 'n                                       | I   | (j) |               | H   | 5        | F   |    |       | THE P | i  |       |                          |   | LIRE I | The state of the s |       | The second second | į                           |     |  |
|               |            | ļ  | ļ         | Í   | 1  | ļ              |           |  |               | ļ    | ľ  |  |        |     |     | 1  | 1        | ļ      | il i                | ŧ   | ļ                     | 111-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-   |            |                    | -              |  | 4        | Ŧ          |  | F                                      |   |         | F        | ļ   | ļ             |  |    | 1         | -             |       |  |     |     |               | ļļ  | -        | +   | -  |       |       |  | Ţ     | f                        |   | 1      |  |       |                   | And and and a second second |     |  |
|               | 时          | +  | ÷         | ł   | 2  | F              | ł         | ŧ  | 1             | t    | ŕ  | -  | 1      | de. |     | -  | d a      | Ŀ      | -                   | 1   | Í                     | F  | L          | 5                  | 1              | Ì.   | 1        | F          | 2  | 1                                      |   |         | 1        | 1   | Þ             | ŀ  | į  | 1         | 诽             | 1     | F  | 2   | +   | ľ             |   | ž        | 2   | +  | k     | ŀ     | ž  | 訲     | 1                        | 1 | ŀ      | 1  | ŀ     |                   |                             |     |  |

### Bost Analysis for Data Usaga Customas

Each state must decide its individual strategy/pricing for these agreements. No standard AW system wide pricing or policy will be generated

#### SewerShut-Oil Agreements

Each state must decide upon its costs charged for sewer shut off agreements. There will be no standard, system wide rate; regulatory and cost differences drive this decision.

| Tokes epproximately 30 days to exit one billing contract  | Will 170 contracts and approximately 14 months to work with<br>before the end of 2012. Bars 12 contracts a month<br>Contracts greeter that 5k should be hundled one at a time<br>Contracts between 1k and 5k = 2 at a time<br>Contracts tess than 1k can ba handled 4 at a time  | Hire additional resources<br>Use resources currently esigned to 8T  |
|---|--|---|
| Need to define how outstanding ARR balances will be handled.  | Ywii an Ayr balances for ORM utility types be thandled the<br>sense way? In the past we thave typicality issued adjustments<br>to zero out env belances when doing divestitives. If this is the<br>way that the the tradied as wall, need to determine a<br>standard process for billing these adjustment's trader to<br>provent additional partients from posting after the balances<br>are zeroed out. | Once decision is mede on what will heppen with<br>bedences, dovelop standend process with billing and<br>Operations. Standard process should include<br>franding any pending relise charges as well.                                  |
| Heed to Identify any accounts that are O&M anty and review for additional updates.  | There are some areas vills O.M. Water and O.B.M. Sever<br>which interns that alter diversitives, the write account will be<br>linculer, These accounts will need additional action taken to<br>close pending serice orders, prevent the creation of mark<br>service orders, prevent incorrect collection activity, scraphing<br>O.B.M. Woler melets, etc.  | Identify aroas where this is a concern, create<br>separate process for handing and provent<br>scheduing the dreatiture of these contracts for<br>close together. YVSS will else meed to be considered<br>and web accounts deactivated |
| Bad debt belances   | Will any consideration need to be made for bad debt belances<br>on O&M Utility Types?  |   |
| Addillornd Ilme will be required for any authority that does not<br>currently receive usage data, but will need to going forward. | Addillonal configuration will be needed for authorilles that<br>need to be set up to receive urage data.   | Create process for selling up diversed euthonities on<br>usage data and prevent scheduling the divestiture of<br>litese contracts too dose togetter.  |
| lindentity reporting needs  | Will van heed to provide any reports to the authoutlies at the<br>filme of divestiture? If standard information will reped to be<br>provided at each divestiture, stoolid develop standard reports<br>instead of off-bing query.   | Doformine if standard information can be provided to<br>all autionities. This is critical to keeping within the<br>settimetes provided. Custom data raquirements for<br>each contract will increase the fine to divest.               |
| Will any communications be necessary - fellers, bill messages,<br>elc.  | If there will be latters or bill mossages needed prior to these<br>diversitures, need to detarmine if a standard temptate can be<br>developed and toow much threa prior to threstiture<br>communication should occur.  | -   |
|   |  |   |
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|                           | AVIDATE SUNTRY NOT A SUB-  |   |         |   |   |        |   |   |    |     |   |   |   |
|---------------------------|--|---|---------|---|---|--------|---|---|----|-----|---|---|---|
| נפרנו                     | Attail Carda Officer   |   | <u></u> |   |   |        |   |   | ×  |     |   |   |   |
|                           | unum code duncy.<br>Ni rada Bill Bihil   |   |         |   |   | ·      |   | × |    |     |   |   |   |
|                           | Intern Service on Line<br>Utility Services<br>Provides a variety of utility billing services in 800-678-2837<br>Provides a variety of utility billing services in 800-678-2837 | 800-678-2837<br>xvvvv vailersvsfeins.com                        |         |   |   |        |   |   |    |     |   |   |   |
| Water Systems incorparted |  |   |         |   |   |        |   |   |    |     |   |   |   |
| Pennsylvania              |  |   |         |   |   |        |   |   |    |     |   |   |   |
| g                         | Billing/Collectoris  | 724-731-2380 ar<br>412-835-5243                                 |         |   |   |        |   |   |    |     |   |   |   |
| ipal Services             | Billing/Collections  | 412-820-5585  | ×       |   |   |        |   |   | +  | _   |   |   |   |
|                           | .Billing/Collections   | 412-464-2425  | ×       |   |   |        |   |   | +  | _   |   |   |   |
|                           |  |   | -       | _ |   |        |   |   | _  |     |   |   |   |
| Eastern Division          |  |   |         |   |   |        |   |   |    |     |   |   |   |
| Locis                     | Munil Code Billing   |   |         |   | - |        | _ |   | ×  |     | _ |   | _ |
| Kavslorio Softviare       | Muni Code Bili Print.  |   |         |   | + | -+     |   | × |    | _   |   |   |   |
|                           | All Services   | http://www.billitust.convintex.pip                              | x<br>X  | × | × | X<br>X | × | × | ×  | ××  | × | × | × |
|                           | Al Services  | IIIIP/I/www.acs-linc.comicusionier-<br>service-oulsourcing.aspx | X<br>X  | × | × | XX     | × | × | ×  | XX  | × | × | × |
|                           | Al Services  | (title://www.bestbill.convbillat                                | ×<br>×  | × | × | XX     | × | × | ×  | x x | ~ | × | × |
|                           |  |   |         |   |   | +      | 4 |   | +  |     |   |   |   |
|                           |  |   |         |   |   |        |   | 1 | +  | _   | _ |   |   |
|                           |  |   |         |   |   |        |   |   |    | _   |   |   | _ |
|                           |  |   |         |   |   |        |   |   |    | _   | _ |   |   |
|                           |  |   |         |   |   |        |   |   | -+ |     |   |   | _ |
|                           |  |   |         |   |   |        |   |   |    |     |   | _ |   |
|                           |  |   |         |   |   |        |   |   |    | _   | _ |   |   |

,

| Sarviras Aillad                          | Municipal services (Lo., sever, gurbage, stornwater) can be added mub billed to<br>premises with company owned services. The revenue associated with<br>municipal chatees can be assily separated (from company owned revenue.  |  |
|--|---|--|
|  | vater   | AW currently receives meter readings from another water utility in some areas such<br>as channed as even such that for the other other served. Seefarding, in think for<br>associations association with the discovered a sevel. Seefarding, that then for<br>the discovered of several of the discovered a several severation. The other fore-  |
| Mutual/Non Mutual                        | Ë   | stering remote servers, as genome the customers and the customers of an and the customers and and and the customers and and the customers and and the customers and and the customers and and the customers and custom |
| L'EUNISUS                                | set up calling the eucrose of 10 investige accounts, we will not be able to<br>Billing will occur on active Ametican Water accounts, we will not be able to<br>continue billing for inunitinal services when the AW owned water service is  |  |
|  | ind active.<br>Billing will be in accordance with AV meter read/bill dates and will include AW<br>standard provation where applicable. (I.e. opening and closing bills are  |  |
| Billing Screaule<br>Arcount Set Un       | projected<br>AV Company owned and municipal charges will be billed to the same account i<br>holds:  | All charges applicable to a convertion object/premice will be billed to the customer<br>taking responsibility for the avater. Casample of acception - Jophin currently has<br>suparate test and only memics set by to bill the owner of the property. Alth will not be<br>part of the strandard offerting in 5.0°.   |
| Winter Averaging                         | elliod of winter averaging will be configured, which mirrors that of<br>cod server services   | Currently each city that observes winter averaging has their own set up in EUS to<br>calculate the arerage as well as when to bill the average. Will have one method of<br>calculation as well as when the arerage is billed in SAV.   |
|  | 2° v .  | Itere are several different payment afficiation maintees set up in EUS based on the<br>specific teminaets. Examples of exception to the standard SAP offering <i>2xe</i> - IL (a)l<br>contracts precept E. SLL. Contracillo & Rocking handla payments are proveder at orost<br>water B. accert based on amount oved then trash is paid any remaining behava (if<br>provide behaved) and the them see normed a facous of an orost and access<br>areas full have more its and that them see as a full distribution based on amount<br>oved, MO - water is paid that then sever 8, trash promised to any folloable. In some<br>areas full these more than one sever clarge (Villege of County Club) water its paid<br>areas the full the SL do sever, then will any Willege severe count of County Club's water its paid<br>and the SL do sever, then will are will be severe contraction clarage.  |
|  | Late frees (by Be nissing on line some timeline as Armerican Water. If a state<br>does not assess fale frees, sewer late frees will be assessed during live duming<br>process and applied to conitacts at billing. Late free assessments tioutif be<br>based on a percentage value calculated against most recent part due change<br>frost and a part and use arrount.] We will not be able to provide 'recurring' late<br>frost controllations | We eurrently priovide recurring late (ee astessment in fL (Steilling) and MO (St. Joseph<br>6. Jelfersten CIV).  |
| installment Plans                        | unter automotion.<br>Periment arrangements created will include municipal services (Except where<br>not alloyed by Commission, e.e. PA).  |  |
| almants<br>Bill Adfustmants              | American Water will make adjustments to the sever billing charges in<br>accordance with American Water's adjustment policies unless the adjusted<br>consumption occurred during one of the billed Venhar average montul.<br>Additional adjustments for sever approved by the CIV can be submitted to<br>and processed by American Water Special Accounts Department.  |  |
| t soments                                | ed en<br>Ming   | Current dibursement are done as foilows - IN - daly, AIO - monthly, IL - weekly,<br>biweekly & monthly, IN - manthly. All are based on amount collected. IL, MO & IN -<br>fees are withined from USbursenter, IX - fees, are billed through AIL.   |
| Callections                              | Roillections. The same applies for sending closed municipal accounts will<br>balances to the first Party Agency prior to write all reversal.  | Currently II, IA, IA & MU balances are sent to the first party aftericy prior to write oil coverses.   |
| Collections<br>Online Account<br>Manager | The unpaid menicipal billing must be reverzed and balance information<br>returned to the municipality.<br>Hew interfaces and File larvauit will be developed for placement on existing OAA.<br>File format will continue to be Excel or CSV.  | (), AG A(A - Galances are brought back from agorcy prior to reversal and are not sent<br>to the third party agency. AAO - balances are sent to third party agency for collection.  |

| Are Arizona contracts in score? There are three contracts that are aperated by the normal other threats in the neutral ed ECIS section.  | To be handled by AWE.   |
|--|---|
| l bγ AWE in a separata   | To be hardled by AWE.   |
| Are the 1/J contracts in scope? Liberty is operated by AVVE in a separate non-<br>regulated ECIS environment.<br>Avalon is also operated by AVVE in a separate non-regulated ECIS environment.   | To be tland(led by ΛWE.   |
| 0  | Mo. Michigan confracts will remain at the discretion of Indiana/Michigan management<br>team.  |
| tunctions are currently preparing 2012 tudgets. Should<br>some budget reductions as a result of exiting the billing  | 2012 burgets should be submilled based on current billing contracts needs and<br>support. Resource requirements will eventually need to be adjusted as contracts exit<br>Ute business.  |
| ur warmon to all groups:<br>• Makhakining Urese critical relationstitys with municipatitias and various political<br>entities<br>• Prionning to offset the revenue stream resulting from contract sever billing  | To be addressed by states (cents.   |
| Will Otere be an analysis of the cost to exit One billing confracts?   | As it stands now, this is not part of our analysis but we should be able to fract billing<br>contract exit costs.   |
| Term dales are estimations tursed on legalities and discussions that must occur<br>prior to netifications of termination can occur. Some concern legarding setting<br>increased around return  | Term dates for most municipatities are identified in the contracts. These alroutd be<br>the starting point for exiting target dates. In the event liner is no designated<br>termination or remaxed dates in contracts but there are provisions governing<br>termination where alther park was in emminated the agreement if specific provisions are<br>satisfied (e.g. 9 month molification, regulatory approvil, etc), then states should<br>determinate |
| Internet expression and the second decisions regarding resources, limelines, coals and<br>Total cultumer count lives decisions regarding resources, limelines, coals and<br>the ability to transition smoothly. Heed to consider current set up in Ects, as not all<br>necesums have usage data server authoutly codes immeding count (data<br>toeosting). Also need consistency across the business on how total customets are<br>reported. | Agreed  |
| constituent<br>Constituentions for seven shut offs: 1 master confract. I process, provisions for<br>Incess evenes and fee viil vary by state municipatilities  |   |
| Do ve have the ability to exit a targe numebr of contracts in the event many<br>municipalities decide to exit early, assuming it is not prohiled by the terms of the<br>contract.  | Per Dave Oorr and Kim Nyo, it could probably adjust if necessary If some<br>months and up with a large number of unplanned contracts wanting to exit<br>prior to their scheduled Kime.  |
| The Term Calendar" currently has some open months in September. October and it would be beneficial overalt if we could get some of the contracts to exit<br>Navember of 2011.  | It would be beneficial overall If we could get some of the contracts to axit<br>cartier and fill some the months of Sept. Oct. and Nev. 2011.   |
| There are a ferr municipalities in which AVV bills more than one service. Some of those inverse separate opreaments for each service with differing term dates. How will those be handled.   | The preference would be to have municipalities under that acenario oxit all<br>services at the same time.   |
|  |   |
|  |   |
| How will special authorization accounts (tranchise agreements or tree water for<br>municipal accounts), e.g. Svansee, IL - usage is tracked until nuhrinvin volume is  |   |

## KAW\_R\_PSCDR3\_NUM29\_CONF\_D32013 Page 29 of 33

| Your   | # of Contracts<br>Expiring | Jan | Feb | Mar   | Apr  | May       | Jun     | Jui       | Aug       | Sep  | Oct | Nov | Der |
|--------|----------------------------|-----|-----|-------|------|-----------|---------|-----------|-----------|------|-----|-----|-----|
| 2011   | 5                          |     |     |       |      |           |         |           |           |      |     |     | 5   |
| 2012   | 122                        | 73  | 23  | 7     | 6    | 7         | F       | \$4       | 12        | 12   | 15  | 13  | 5   |
| 2013   | 13                         | E   | 1   | 1     | Ð    | P         | 2       | D         | 1         | D    | 1   | D   | 1   |
| 2014   | 4                          | 1   | D   | D     | D    | D D       | D       | D         | Ð         | D    | 2   | D   | 1 1 |
| 2016 6 |                            |     |     | ····· | i    |           |         |           |           |      |     |     |     |
| Beyond | 6                          |     |     |       | Mari | ous dates | imm 01/ | 07/15 fhi | ough 12/3 | 1/27 |     |     |     |

| a<br>Alana ang ang ang ang ang ang ang ang ang |     | Percent |
|--|-----|---------|
| < 1.00D  | 73  |         |
| 1,000 - 4,999                                  | 46  |         |
| > 5,000  | 37  |         |
|  | 156 |         |

Deinvol

|        | = DI Commette |
|--------|---------------|
| Year   | Expiring      |
| 2011   | 3%            |
| 2012   | B155          |
| 2013   | 9%            |
| 2014   | 255           |
| 2015 E | 1             |
| Boyond | 45%           |

Contract Count by Term Year



152031 82012 122015 122014 82015 L Depart Contracts by Customer Count



0+1,000 01,000-4000 0+5,000

|  |  | R2_NUM77_022013<br>Page 1110 of 3008    |   |
|--|--|---|---|
|  | Re: Fw: Nice win for our clients!<br>David K Baker to: Cheryl D Norton<br>Cc: John Bigelow, Robert G MacLean, "Cheryl Norton", "David Baker",<br>John C Clarkson, "Nick Rowe", Keith L Cartier   | 02/09/2012 12:14 PM                     |   |
| History:                                 | This message has been replied to   |   | • |
| absolutely contracts - re<br>implementat | derstand. I was not implying that you guys did not deliver the message<br>orrectly. Just to be clear, though, in the end the steering committee de<br>egardless of the willingness of the subsidiary or client to assume the co<br>tion. We will be completely out of that business line. That decision was<br>r you contacted the City. | ecided to exit all of the<br>sts of SAP |   |
| David                                    |  |   |   |

David K. Baker President, New Jersey American Water Senior Vice President, American Water NE Division 1025 Laurel Oak Road Voorhees, New Jersey 08043

856-782-2301 office 856-669-7248 cell

david baker@amwater com www.amwater com

| Cheryl D | Norton David - while the company push was to get out o. 02/09/2012 11:33:43 AM  |
|----------|---|
| From:    | Cheryl D Norton/KAWC/AWWSC  |
| To:      | David K Baker/SERVCO/AWWSC@AWW  |
| Cc:      | John Bigelow/ADMIN/CORP/AWWSC@AWW, Robert G MacLean/CAWC/AWWSC@AWW,   |
|          | "Cheryl Norton" <cheryl.norton@amwater.com>, "David Baker" <david.baker@amwater.com>,</david.baker@amwater.com></cheryl.norton@amwater.com> |
|          | John C Clarkson/SHARSVCS/AWWSC@AWW, "Nick Rowe" <nick rowe@amwater_com="">, Keith L</nick>  |
|          | Cartier/KAWC/AWWSC  |
| Date:    | 02/09/2012 11:33 AM   |
| Subject: | Re: Fw: Nice win for our clients!   |

David - while the company push was to get out of these contracts, I recall that if we stayed in, there would be a large charge to cover the implementation costs and an ongoing fee to maintain it. From a local perspective, we try to take credit (or blame) for the decisions that are made whenever possible. If we say "corporate made us do it" then they accuse us of being ruled by NJ. We told them if we didn't end the agreement, LFUCG would be responsible for a large fee due to corporate changes but we didn't tell them that corporate made us exit.

Thanks,

Cheryl

Cheryl D. Norton President Kentucky American Water 2300 Richmond Road



### KAWV\_R\_PSCDR2\_NUM78\_022013 Page 2 of 114

#### Kentucky American Water

Case No 2012-00520, Commission Staff's 2nd Information Request, Question 78 Revenue Requirement & Average Customer Bill Impact of Termination of Billing Services

| Line | ltem  | Case No. 2012-<br>00520 |               | Case No. 2012 -<br>00520<br>If Billing Contract<br>Still in Place |                              | Variance Due to<br>Discontinuation |                         |
|------|---|-------------------------|---------------|---|------------------------------|------------------------------------|-------------------------|
|      | Revenues at Present Rates                                       | \$                      | 84,157,833    | \$  | 85,777,332                   | \$                                 | (1,619,499)             |
| 1    | O&M   | ç                       | 33,892,179    | ç   | 33,976,206                   | ڊ                                  | (1,019,499)<br>(84,027) |
| 2    | Gen Tax   |                         | 5,114,771     |   | 5,124,207                    |                                    | (9,436)                 |
| 3    |   |                         |               |   | 13,406,863                   |                                    | (75,000)                |
| 4    | Depreciation & Amortization                                     |                         | 13,331,863    |   |                              |                                    |                         |
| 5    | Income Tax<br>Utility Operating Income ("UOI") at Present Rates |                         | 7,639,106     |   | 8,203,560                    |                                    | (564,454)               |
| 6    |   | \$                      | 24 170 014    | \$  | 25,066,497                   | \$                                 | 1005 503                |
| 6    | (Line 1 - Lines 2 through 5)                                    | Ş                       | 24,179,914    | Ş   | 25,000,497                   | Ş                                  | (886,583)               |
| 7    |   | 4                       | 385,994,705   |   | \$386,710,309                | \$                                 | (715,604)               |
| 8    | Rate Base   | \$                      |               |   |                              | Ş                                  | (715,604)               |
| 9    | Rate of Return  |                         | 8.20%         |   | <u>8.20%</u><br>\$31,710,245 |                                    | (58,680)                |
| 10   | Operating Income Required (Line 8 x Line 9)                     | \$                      | 31,651,566    |   | \$51,710,245                 | \$                                 | (58,680)                |
| 11   |   | ¢                       | 24 170 014    | ÷   | DE 066 407                   | Ċ                                  | (000 503)               |
| 12   | Less UOI at Present Rates                                       | <u>\$</u> \$            | 24,179,914    | \$<br>\$  | 25,066,497                   | \$\$                               | (886,583)               |
| 13   | Deficiency Before Gross-Up (Line 10 - Line 12)                  | Ş                       | 7,471,652     | \$  | 6,643,749                    | Ş                                  | 827,903                 |
| 14   |   |                         | 1 6 4 9 5 9 1 |   | 1 040501                     |                                    | 1 040501                |
| 15   | Gross Up  |                         | 1.648591      |   | 1.648591                     |                                    | 1.648591                |
| 16   | Rate Request (Line 13 x Line 15)                                | \$                      | 12,317,702    | \$  | 10,952,827                   | \$                                 | 1,364,875               |
| 17   |   | 4                       | 00 475 535    | ~   | 06 700 160                   | ~                                  |                         |
| 18   | Revenue Requirement (Line 1 + Line 16)                          | \$                      | 96,475,535    | \$  | 96,730,160                   | \$                                 | (254,625)               |
| 19   |   |                         |               |   |                              |                                    |                         |
| 20   |   |                         |               |   |                              |                                    |                         |
| 21   | Total Variance in Rate Request (Line 16 Variance)               | \$                      | 1,364,875     |   |                              |                                    |                         |
| 22   |   |                         |               |   |                              |                                    |                         |
| 23   | Approximate Allocation to Residential                           |                         | 89.96%        |   |                              |                                    |                         |
| 24   |   |                         |               |   |                              |                                    |                         |
| 25   | Impact of Variance to Residential (Line 21 x Line 23)           | \$                      | 1,227,841     |   |                              |                                    |                         |
| 26   |   |                         |               |   |                              |                                    |                         |
| 27   | Total Residential Revenue Requirement (Schedule M)              | \$                      | 52,378,073    |   |                              |                                    |                         |
| 28   |   |                         |               |   |                              |                                    |                         |
|      | Fraction of Proposed Residential Revenues Related to Variance   |                         |               |   |                              |                                    |                         |
| 29   | (Line 25 / Line 27)   |                         | 2.3%          |   |                              |                                    |                         |
| 30   |   |                         |               |   |                              |                                    |                         |
| 31   | Average Residential Bill at Proposed Rates (Exhibit N)          | \$                      | 38.51         |   |                              |                                    |                         |
| 32   |   |                         |               |   |                              |                                    |                         |
|      | Average Residential Bill Less Variance Percent                  |                         |               |   |                              |                                    |                         |
| 33   | (Line 31 x (1-Line 29))   | \$                      | 37.61         |   |                              |                                    |                         |
| 34   |   |                         |               |   |                              |                                    |                         |
| 35   | Impact to Average Residential Bill (Line 31 - Line 33)          | \$                      | 0.90          |   |                              |                                    |                         |

PSC EXHIBIT \_\_\_\_\_