

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC INVESTIGATION INTO)
EXCESSIVE WATER LOSS BY KENTUCKY'S) CASE NO. 2019-00041
JURISDICTIONAL WATER UTILITIES)

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 recording of the deposition conducted on August 27, 2019 in this proceeding;
- Certification of the accuracy and correctness of the digital video recording;
- All exhibits introduced at the deposition conducted on August 27, 2019 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 recording of the deposition conducted on August 27, 2019.

A copy of this Notice, the certification of the digital video record, deposition log, and exhibits have been served upon all persons listed at the end of this Notice. Parties desiring to view the digital video recording of the hearing may do so at <https://youtu.be/9sFYfHrrsx4>.

Parties wishing an annotated digital video recording may submit a written request by electronic mail to pscfilings@ky.gov. A minimal fee will be assessed for a copy of this recording.

Done at Frankfort, Kentucky, this 30th day of August 2019.

A handwritten signature in black ink that reads "Gwen R. Pinson". The signature is written in a cursive style with a large initial 'G' and a long horizontal stroke at the end.

Gwen R. Pinson
Executive Director
Public Service Commission of Kentucky

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ELECTRONIC INVESTIGATION INTO)	CASE NO.
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JURISDICTIONAL WATER UTILITIES)	

CERTIFICATION

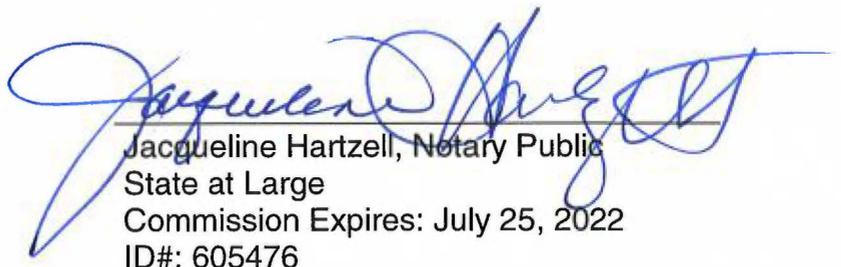
I, Candace H. Sacre, hereby certify that:

1. The attached DVD contains a digital recording of the Deposition conducted in the above-styled proceeding on August 27, 2019. Deposition Log, Exhibit List, Exhibits, and Witness List are included with the recording on August 27, 2019.
2. I am responsible for the preparation of the digital recording;
3. The digital recording accurately and correctly depicts the Deposition of August 27, 2019.
4. The Deposition Log attached to this Certificate accurately and correctly states the events that occurred at the Deposition of August 27, 2019 and the time at which each occurred.

Signed this 28th day of August, 2019.



Candace H. Sacre
Administrative Specialist III



Jacqueline Hartzell, Notary Public
State at Large
Commission Expires: July 25, 2022
ID#: 605476



Date:	Type:	Location:	Department:
8/27/2019	Deposition	Hearing Room 1	Hearing Room 1 (HR 1)

Witness: Donna Curtsinger
 Judge: Robert Cicero; Michael Schmitt
 Clerk: Candace Sacre

Event Time	Log Event	
1:44:30 PM	Session Started	
1:44:32 PM	Session Paused	
2:28:34 PM	Session Resumed	
2:28:38 PM	Chairman Schmitt Note: Sacre, Candace	Preliminary remarks by Chairman Michael Schmitt and introduction of Vice Chairman Robert Cicero. Not with us this afternoon is Commissioner Talina Mathews.
2:28:51 PM	Chairman Schmitt Note: Sacre, Candace	We are here for the purpose of completing a hearing in Case No. 2019-00041, Investigation into Excess Water Loss by Kentucky's Jurisdictional Water Utilities, and this hearing involves Milburn Water District. (Click on link for further comments.)
2:29:43 PM	Chairman Schmitt Note: Sacre, Candace	At this time, would counsel for Milburn Water District please identify himself, his client, and his witness here today?
2:29:47 PM	Atty Willis Milburn District Note: Sacre, Candace	Derrick Willis, on behalf of Milburn Water District, and Ms. Donna Curtsinger is present today.
2:29:52 PM	Chairman Schmitt Note: Sacre, Candace	Thank you, and the Office of the Kentucky Attorney General has intervened in this case, so Mr. McNeil, would you please identify yourself and your client?
2:30:04 PM	Asst Atty Gen McNeil Note: Sacre, Candace	Good afternoon. Justin McNeil on behalf of the Kentucky Attorney General's Office.
2:30:07 PM	Chairman Schmitt Note: Sacre, Candace	And on behalf of Staff?
2:30:10 PM	Staff Atty Park PSC Note: Sacre, Candace	Good afternoon. John Park, Staff Attorney at the Public Service Commission, and with me today is David Foster, Financial Analysis.
2:30:17 PM	Chairman Schmitt Note: Sacre, Candace	Prior to Ms. Curtsinger taking the stand, is there anything we need to take up, any questions, or any procedural issues at all?
2:30:26 PM	Atty Willis Milburn District Note: Sacre, Candace	No, sir.
2:30:29 PM	Staff Atty Park PSC Note: Sacre, Candace	I don't believe so.
2:30:30 PM	Chairman Schmitt Note: Sacre, Candace	Ms. Curtsinger, if you will take the stand, I will place you under oath. First, you will be questioned by Mr. Park, followed by the Commissioners, and Mr. Willis will have the opportunity to ask last.
2:30:46 PM	Chairman Schmitt Note: Sacre, Candace	Witness is sworn.

2:30:58 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Cross Examination. Could you please state name, employment, and place of business?

2:31:20 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace What is business address?

2:31:25 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Are you employee of Milburn or on contract basis?

2:31:34 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace What about financial statements and records?

2:31:40 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace In the billing?

2:31:43 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace How long have you worked for the District?

2:31:54 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace How are you compensated by the District? Per hour basis or contract?

2:32:18 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Describe the current financial conditions of Milburn and how it has changed.

2:32:44 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace How has District's water loss affected District financially?

2:33:15 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Do you know annual cost to District of water it's losing, purchasing but not selling?

2:33:26 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace A year?

2:33:34 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Does the District have a budget?

2:33:44 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace How is annual budget prepared?

2:34:01 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Estimate based upon past?

2:34:08 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace A few questions about Data Responses District has provided. First set of Requests. (Click on link for further explanation.)

2:34:34 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Refer to Milburn Response to Question 16 of middle set, Staff Request from May 3.

2:34:56 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace That Response states District does not test customer meters because replaces them every ten years.

2:35:07 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace How does District keep track of when meter needs to be replaced?

2:35:18 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace You just check every six months?

2:35:32 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace How does District pay for new meters?

2:35:39 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Does it do budgetting for those meters, or is that a historic cost?

2:35:54 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Refer to Question 10 of the first set of Data Requests.

2:36:27 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Response stated part of efforts to reduce leaks, installing valves in areas such as stream crossings. Do you know how District pays for these additional valves?

2:36:50 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Does operator Goldsmith say "We need additional valves," and Board approves it?

2:36:55 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace There's no planning as how we're going to fund?

2:37:05 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace There's no program; basically, his judgment?

2:37:14 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Who is Milburn's wholesale supplier?

2:37:28 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace As operator?

2:37:34 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Response to Post-Hearing Data Request 1, Milburn states there is no wholesale water contract?

2:37:57 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace How do parties know what terms are?

2:38:04 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace That's just passed on?

2:38:08 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Do you know how they set wholesale rates?

2:38:14 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Prudent for District to memorialize agreement with water supplier?

2:38:27 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Supplier recently replaced meter at purchase point?

2:38:37 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Something covered by contract to test and maintain that?

2:38:52 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Fire departments in area served by District?

2:39:02 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace District have problems with fire departments filing usage reports?

2:39:18 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Recent Rate Case No. 2018-00314 where Milburn approved for \$20.28 increase. What prompted Milburn to file this case?

2:39:40 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Do you know when previous one was?

2:39:50 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace While you were working for Milburn?

2:40:00 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Do you know what increase for adjustment?

2:40:24 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Did District seek any revenue to address water loss?

2:40:38 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Response to Data Request 2, District produced 24-month note \$10,000 due on September 20, 2020. What was this debt for?

2:41:20 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Note was taken out in September 2018?

2:41:27 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Before rate increase approved in 2018-00314?

2:41:39 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Note to tide District over?

2:41:55 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace In the ARC process?

2:41:57 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace This just used for regular operating expenses?

2:42:05 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Current balance?

2:42:10 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace What are District's plans to paying note off?

2:42:35 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Making monthly installments or balloon?

2:42:52 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace As funds available?

2:43:02 PM Staff Atty Park PSC
Note: Sacre, Candace Your Honor, may I approach?

2:43:03 PM Chairman Schmitt
Note: Sacre, Candace Yes, you may.

2:43:36 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Response to Post-Hearing Data Request, District produced documents concerning AC Line Rehabilitation Project Information System No. WX21039033. Identify this document?

2:44:14 PM Staff Atty Park PSC
Note: Sacre, Candace Staff requests admitted as PSC Exhibit 1.

2:44:18 PM Chairman Schmitt
Note: Sacre, Candace Any objection, Mr. Willis?

2:44:20 PM Atty Willis Milburn Disrict
Note: Sacre, Candace No, Your Honor.

2:44:21 PM Chairman Schmitt
Note: Sacre, Candace Mr. McNeil?

2:44:22 PM Asst Atty Gen McNeil
Note: Sacre, Candace No, Judge.

2:44:23 PM Chairman Schmitt
Note: Sacre, Candace Let it be admitted as PSC Exhibit 1.

2:44:27 PM PSC EXHIBIT 1
Note: Sacre, Candace STAFF ATTY PARK PSC - WITNESS CURTSINGER.
Note: Sacre, Candace DRINKING WATER PROJECT PROFILE WX21039033.

2:44:28 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Narrative states for projected \$1.5 million District will replace 9 miles of AC lines with more modern durable alternative. (Click on link for continued reading of narrative.)

2:45:03 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace AC, is that asbestos concrete?

2:45:08 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace When was project submitted, or what is approximate timing of application?

2:45:23 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Working with the Water District?

2:45:30 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Curtsinger Financial?

2:45:35 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Who was involved in preparing application?

2:45:48 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace What engineering firm was that?

2:46:13 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Putting project proposal together for you?

2:46:28 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace That's still a live application?

2:46:36 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Examination. Did you do any financial analysis of project to determine if viable at \$1.5 million unless grant money?

2:46:47 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace You are primarily bookkeeper but that's as far as it goes?

2:46:54 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Cross Examination (cont'd). Any financial analysis would have been done by engineer?

2:46:59 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace We don't know who engineer was?

2:47:07 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Not part of Exhibit 1 but material provided with Post-Hearing Data Request some printout from information available on Water Resource Information page, System Data Report, page 3 of 5, site visit survey on April 26, 2019. Does that make any sense?

2:47:41 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace In Post-Hearing Data Response, Response to Request 3, third page of first five, bottom left-hand side, Site Visit/Survey Date, April 26, 2019. Is that something recent?

2:49:08 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Just a follow-up?

2:49:12 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Did you reach out to find out if any funding in response to opening of case?

2:49:30 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace PSC Exhibit 1, page 3 of 8 of that, states the project would cost each household \$10,714 per household?

2:50:04 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace And that would increase?

2:50:09 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Examination. Why do you lose customers?

2:50:18 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Is that prevalent, drilling of wells?

2:50:34 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace What would happen if District were to fail?

2:51:00 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Of the 133?

2:51:13 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace This was created seven or eight years ago, the project?

2:51:22 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace How often do you check to see if money available?

2:51:31 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Do you contact anybody, or do you wait to get email?

2:51:41 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Cross Examination (cont'd). Do you think Milburn customer base could afford more than \$10,000 per household to pay for new lines?

2:51:54 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Project narrative lists two alternatives, split project into multi-phase or only replace lines with worst problems. Do you know if District pursued either of alternatives or did study of cost?

2:52:19 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Other than grant money, any feasible way District can fund replacement of mains?

2:52:32 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace District is adjacent to Graves County, its supplier. Consolidation of districts in adjacent counties. Is that something Milburn would consider, merging with Graves or operated by another county?

2:53:04 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Something Milburn Board agreeable to?

2:53:10 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Prior to this case, discussion on Board trying to merge or consolidate?

2:53:29 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Discussing water line replacement, you'd mentioned Judge had a role?

2:53:49 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace At time this application prepared?

2:53:57 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Anyone on Board had direct discussions with any other utility about consolidation or regionalization?

2:54:11 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Has there been any study as far as steps to consolidate?

2:54:30 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace They is Board members?

2:54:39 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace County Judge may have wanted to keep in county. Still thinking at local level? Any political obstacles to consolidating across county lines?

2:55:15 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace If District and customers cannot replace water lines, solution other than consolidation?

2:55:26 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace Grants?

2:55:29 PM Staff Atty Park PSC - witness Curtsinger
Note: Sacre, Candace How long District could limp along without grants, without consolidation?

2:55:42 PM Staff Atty Park PSC
Note: Sacre, Candace I have no further questions.

2:55:45 PM Chairman Schmitt
Note: Sacre, Candace Commissioner Cicero, questions?

2:55:50 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Examination . Do you do any other contract work besides Milburn?

2:55:58 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Any other type of -

2:56:05 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace You're an entity engaged in accounting field for any type business that needs your services?

2:56:15 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace You do Milburn for \$600 a month?

2:56:18 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Are you dedicated to Milburn or just one of accounts you handle?

2:56:46 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace How often do you work?

2:56:55 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace You do this for \$600 a month?

2:57:01 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Is that only compensation that Milburn pays?

2:57:07 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace That's it?

2:57:13 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace It's a partnership?

2:57:20 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace You're one of the partners, and that's the payment made?

2:57:26 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Are you one of the local residents?

2:57:30 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Do you receive water from Milburn?

2:57:35 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Are you close enough to area that receives water to have contact to find out what people think future of Water District is?

2:58:01 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace When you discuss with customers, do they voice concern or just kinda going along?

2:58:19 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Want to know what future is?

2:58:27 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace How often does Board meet?

2:58:45 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Do you meet with them when they meet?

2:58:50 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace When there's a budget, you would discuss with them?

2:59:01 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Do you present any financial information on monthly basis?

2:59:12 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace When you say meters or valves are replaced out of general fund, do you do capitalization or is it out of O&M? Do you make that decision or other financial group helps with that?

2:59:41 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace If going to purchase 10 meters, are you capitalizing cost and depreciating, or do you take out of general fund and show as expense for year?

3:00:12 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Doing this as kind of a rolling thing, going along?

3:00:18 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Probably aren't many fixed assets, other than pipe in the ground?

3:00:24 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace And the tank?

3:00:38 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Water is purchased from Graves, but you write the check to Mayfield at Graves' direction or who made that determination?

3:01:00 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Is that what invoice says on it when you receive invoice?

3:01:04 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Invoice comes from Mayfield, and you pay Mayfield?

3:01:14 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace After Board came back from hearing, what did they look at future of Milburn being?

3:01:29 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace After discussion, did they make contact with Graves?

3:01:34 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace Do they plan on it?

3:01:55 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace You believe it's on a month-to-month basis financially?

3:02:01 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace If there's any catastrophe, that could doom the district?

3:02:13 PM Vice Chairman Cicero - witness Curtsinger
Note: Sacre, Candace It's hard for us to make any kind of recommendations because of the situation you're in. (Click on link for further comments.)

3:02:36 PM Vice Chairman Cicero
Note: Sacre, Candace Thanks for coming out and making a long drive.

3:02:39 PM Chairman Schmitt - witness Curtsinger
Note: Sacre, Candace Examination. Who's the County Judge Executive of Carlisle County?

3:02:46 PM Chairman Schmitt - witness Curtsinger
Note: Sacre, Candace Terry?

3:02:50 PM Chairman Schmitt - witness Curtsinger
Note: Sacre, Candace What's the county seat?

3:02:55 PM Chairman Schmitt - witness Curtsinger
Note: Sacre, Candace What size community is Bardwell?

3:03:08 PM Chairman Schmitt - witness Curtsinger
Note: Sacre, Candace Is it as large as Mayfield?

3:03:32 PM Chairman Schmitt - witness Curtsinger
Note: Sacre, Candace Five thousand households in entire county?

3:03:40 PM Chairman Schmitt - witness Curtsinger
Note: Sacre, Candace I'm trying to find out, for my own edification, there must be other water districts in Carlisle County or one or more of the towns have their own water system, correct?

3:04:09 PM Chairman Schmitt - witness Curtsinger
Note: Sacre, Candace Cunningham does?

3:04:13 PM Chairman Schmitt - witness Curtsinger
Note: Sacre, Candace All your water is purchased for Milburn?

3:04:20 PM Chairman Schmitt - witness Curtsinger
Note: Sacre, Candace How far is Milburn from Cunningham?

3:04:26 PM Chairman Schmitt - witness Curtsinger
Note: Sacre, Candace What about from the county seat, from Bardwell ?

3:04:34 PM Chairman Schmitt - witness Curtsinger
Note: Sacre, Candace And Arlington?

3:04:41 PM Chairman Schmitt - witness Curtsinger
Note: Sacre, Candace I was just wondering what other options might be available such as Arlington or Bardwell running water lines?

3:05:04 PM Chairman Schmitt - witness Curtsinger
Note: Sacre, Candace How many people does Arlington have?

3:05:13 PM Chairman Schmitt - witness Curtsinger
Note: Sacre, Candace County Judge and Fiscal Court haven't had discussion with Milburn Water District?

3:05:30 PM Chairman Schmitt - witness Curtsinger
Note: Sacre, Candace Without water coming from Graves County or Mayfield, would there be any source of water for the fire department?

3:05:59 PM Chairman Schmitt
Note: Sacre, Candace Mr. McNeil, questions?

3:06:05 PM Asst Atty Gen McNeil
Note: Sacre, Candace Just one, I think.

3:06:08 PM Asst Atty Gen McNeil - witness Curtsinger
Note: Sacre, Candace Cross Examination. At any time, have you been asked to give recommendation as to feasibility of merger financially?

3:06:20 PM	Asst Atty Gen McNeil - witness Curtsinger Note: Sacre, Candace	Not before or after this last hearing?
3:06:26 PM	Asst Atty Gen McNeil Note: Sacre, Candace	No further questions.
3:06:28 PM	Chairman Schmitt Note: Sacre, Candace	Mr. Willis?
3:06:28 PM	Atty Willis Milburn District Note: Sacre, Candace	No questions.
3:06:31 PM	Chairman Schmitt Note: Sacre, Candace	Mr. Park, anything further?
3:06:32 PM	Staff Atty Park PSC Note: Sacre, Candace	No further questions.
3:06:35 PM	Chairman Schmitt Note: Sacre, Candace	May this witness be excused?
3:06:40 PM	Chairman Schmitt Note: Sacre, Candace	Is there anything else, Mr. Park, Mr. Willis?
3:06:40 PM	Staff Atty Park PSC Note: Sacre, Candace	No further questions.
3:06:42 PM	Staff Atty Park PSC Note: Sacre, Candace	Staff has nothing.
3:06:46 PM	Chairman Schmitt Note: Sacre, Candace	Mr. Willis, do you live in Carlisle County?
3:06:50 PM	Atty Willis Milburn District Note: Sacre, Candace	No. I live on the other side of the tracks, near Ohio, West Virginia, and Kentucky. (Click on link for further discussions.)
3:07:11 PM	Chairman Schmitt Note: Sacre, Candace	You've done a good job representing Milburn. If there's nothing further, is there any reason why this hearing shouldn't be adjourned?
3:07:19 PM	Staff Atty Park PSC Note: Sacre, Candace	No, Your Honor.
3:07:19 PM	Chairman Schmitt Note: Sacre, Candace	The hearing is now adjourned.
3:07:24 PM	Session Paused	
3:07:28 PM	Session Ended	



Exhibit List Report

2019-00041 27Aug2019

Milburn Water District - Donna
Curtsinger

Name:**Description:**

PSC Exhibit 01

Drinking Water Project Profile WX21039033



Drinking Water Project Profile

Legal Applicant: Milburn Water District	
Project Title: AC Line Rehabilitation	
Project Number: WX21039033	View Map
Funding Status: Not Funded	Submitted By: PUADD
Project Status: Approved	Primary County: Carlisle
Project Schedule: 6-10 Years	Planning Unit: Carlisle
E-Clearinghouse SAI:	Multi-County: No
Applicant Entity Type: Water District (KRS 74)	ECH Status:
Date Approved (AWMPC): 09-10-2013	ADD WMC Contact: James Smith

Project Description:

The Milburn Water District will replace 9 miles of current AC lines with more modern a durable alternative. The rehabilitation will span the bulk of the Milburn system. This project will develop into a multiphase project as more research is conducted to determine which areas are in the greatest need of replacement.

Need for Project:

Briefly describe how this project promotes public health or achieves and/or maintains compliance with the Clean Water Act or Safe Drinking Water Act:

Currently all the AC lines within the Milburn system are either failing or expected to fail in the near future. All the AC lines have been in ground since 1969. The Milburn water district is continually conducting repairs as more and more of the AC line fail. The best and safest alternative is to update all current AC lines with modern alternatives.

Project Alternatives:

Alternate A:

Split the entire project into a multiphase endeavor. Thus replacing AC lines over a longer period of time.

Alternate B:

Only focus on the AC lines that have had the most issues over the last three years.

Legal Applicant:

Entity Type: Water District (KRS 74)	PSC Group ID: 25400
Entity Name: Milburn Water District	
Web URL:	
Office EMail: fredaduncan@windstream.net	
Office Phone: 270-694-3412	Toll Free: Fax:

Mail Address Line 1: 7731 State Route 80 E	Phys Address Line 1:
Mail Address Line 2:	Phys Address Line 2:
Mail City, State Zip: Arlington, KY 42021	Phys City, State Zip:

Contact: Donna Curtsinger	Financial Contact:	Auth Official: Mark Vaden
Contact Title: Billing Contractor	Financial Contact Title:	Auth Official Title: Chairman
Contact EMail: curtsingerduncan@windstre am.net	Financial Contact EMail:	Auth Official EMail:
Contact Phone: 270-694-3412	Financial Contact Phone:	Auth Official Phone: 270-694-3412

Data Source: **Kentucky Infrastructure Authority**

Date Last Modified: **06.05.2015**

PSC EXHIBIT 1



Drinking Water Project Profile

WX21039033 - Milburn Water District
AC Line Rehabilitation

Project Administrator (PA) Information

Name: **Freda Duncan**
Title: **Co-Owner**
Organization: **Curtsinger Duncan Financial Services**
Address Line 1: **1861 Cr 1129**
Address Line 2:
City: **Arlington** State: **KY** Zip: **42021**
Phone: **270-694-3412** Fax:

Applicant Contact (AC) Information

Name: **Freda Duncan**
Title: **Co-Owner**
Organization: **Curtsinger Duncan Financial Services**
Address Line 1: **1861 Cr 1129**
Address Line 2:
City: **Arlington** State: **KY** Zip: **42021**
Phone: **270-694-3412** Fax:

Estimated Budget

Project Cost Categories:

Cost Category	Cost
Administrative Expenses:	
Legal Expenses:	
Land, Appraisals, Easements:	
Relocation Expenses & Repayments:	
Planning:	
Engineering Fees - Design:	
Engineering Fees - Construction:	
Engineering Fees - Inspection:	
Engineering Fees - Other:	
Construction:	\$ 1,500,000
Equipment:	
Miscellaneous:	
Contingencies:	
Total Project Cost:	\$ 1,500,000

Construction Cost Categories:

Cost Category	Cost
Treatment:	
Transmission & Distribution:	
Source:	
Storage:	
Purchase of Systems:	
Restructuring:	
Land Acquisition:	
Non-Categorized:	\$ 1,500,000
Total ConstructionCost:	\$ 1,500,000

Total Sustainable Infrastructure Costs:

Note: Total Sustainability Infrastructure Costs are included within construction and other costs reported in this section. This breakout is provided for SRF review purposes.

Project Funding Sources:

Total Project Cost: **\$1,500,000**
Total Committed Funding: **\$0**
Funding Gap: **\$1,500,000 (Not Funded)**

Estimated Project Schedule:

Est. Environmental Review Submittal Date:
Estimated Bid Date:
Estimated Construction Start Date:
Estimated Construction Completion Date:

This project will be requesting SRF funding for fiscal year 2021.

Funding Source	Loan or Grant ID	Fiscal Year	Amount	Status	Applicable Date
----------------	------------------	-------------	--------	--------	-----------------

Funding Source Notes:

The following systems are beneficiaries of this project:

KY0200284 Milburn Water District

Note: Check mark indicates primary system for this project.

Project Ranking by AWMPC:

Regional Ranking(s):
Planning Unit Ranking:

Plans and specs have been sent to DOW.
Plans and specs have been reviewed by DOW.
Plans and specs have been sent to PSC.



Drinking Water Project Profile

WX21039033 - Milburn Water District
AC Line Rehabilitation

Total Points:

Plans and specs have been reviewed by PSC.

Economic, Demographic and Geographic Impacts

Economic Impacts	
Jobs Created:	
Jobs Retained:	

*Demographic Impacts (GIS Census Overlay)			
Serviceable Demographic	Project Area	Included Systems	Included Utilities
Population:	307	311	311
Households:	144	144	144
MHI:	\$36,196	\$36,196	*\$36,196
MHI MOE	\$5,025	\$5,025	*\$5,025
MOE as Pct:	14%	14.0%	14.0%
**NSRL:		2	2

Population and household counts are based on 2010 census block values from the SF1 (100%) dataset.

MHI Source is from the American Community Survey 2013-2017 5Yr Estimates (Table B19013) *(for the primary system operated by the above listed beneficiary utilities).

MHI MOE = Med HH Income Margin of Error.

** NSRL (Non-Standard Rate Levels):

- 0 = Income above Kentucky MHI (KMHI).
- 1 = Income between 80% KMHI and KMHI.
- 2 = Income less than or equal to 80% KMHI.
- KMHI = \$46,535
- 80% KHM I = \$37,228

New Customers	
New Residential Customers:	
New Commercial Customers:	
New Institutional Customers:	
New Industrial Customers:	

New or Improved Service		
Service Demographic	Survey Based	Census Overlay*
To Unserved Households:		
To Underserved Households:	140	144
To Total Households:	140	144
** Cost Per Household:	\$10,714	

* GIS Census block overlay figures are estimates of population and households potentially served by systems and projects based on a proximity analysis of relevant service lines to census block boundaries.

** Cost per household is based on surveyed household counts, not GIS overlay values.

Geographic Impacts For Project Area	
Counties	
Carlisle	
Legislative Districts	
District Name	Legislator
House 001	Steven Rudy
Senate 02	Danny Carroll
Congressional 1	James Comer
Groundwater Sensitivity Zones	
HUC 10 Watersheds	
HUC Code	Watershed Name
0801020103	Lower Mayfield Creek
0801020105	Obion Creek

Geographic Impacts For Included System(s)	
Counties	
Carlisle	
Legislative Districts	
District Name	Legislator
House 001	Steven Rudy
Senate 02	Danny Carroll
Congressional 1	James Comer



Drinking Water Project Profile

WX21039033 - Milburn Water District
AC Line Rehabilitation

DW Specific Impacts:

- This project relates to a public health emergency.
- This project will assist a non-compliant system to achieve compliance.
- This project will assist a compliant system to meet future requirements
- This project will provide assistance not compliance related.
- This project is necessary to achieve full or partial compliance with a court order, agreed order, or a judicial or administrative consent decree.
- Primary system has not received any SDWA Notices of Violation within the previous state fiscal year-July through June, i.e. July 2014 – June 2015).

Project Inventory (Mapped Features):

Mapped Line Features						
DOW Permit ID	Line Type	Purpose	Activity	Size (in.)	Material	Length (LF)
KY0200284	WATER LINE: FINISHED	DISTRIBUTION	REHAB - REPLACE LEAD AND/OR ASBESTOS-CEMENT LINES	3.00	AC	6,061
KY0200284	WATER LINE: FINISHED	DISTRIBUTION	REHAB - REPLACE LEAD AND/OR ASBESTOS-CEMENT LINES	4.00	AC	23,208
KY0200284	WATER LINE: FINISHED	DISTRIBUTION	REHAB - REPLACE LEAD AND/OR ASBESTOS-CEMENT LINES	6.00	AC	19,196
KY0200284	WATER LINE: FINISHED	DISTRIBUTION	REHAB - REPLACE LEAD AND/OR ASBESTOS-CEMENT LINES	8.00	AC	524
					Total Length	48,989

Administrative Components:

- Planning
 Design
 Construction
 Management

Regionalization Components:

Public Water Systems Eliminated:

- this project includes the elimination of public water system(s) through merger or acquisition.

Water Treatment Plants Eliminated:

- This project includes the elimination of water treatment plant(s) through interconnect(s).

Supplementation of Raw Water Supply:

- This project includes supplementing the existing raw water supply.

Supplementation of Potable Water Supply:

- This project includes supplementing the existing potable water supply.

Emergency Only Water Supply:

- This project provides emergency only water supply.

Water Source Protection:



Drinking Water Project Profile

WX21039033 - Milburn Water District
AC Line Rehabilitation

-
- This project includes land acquisition for water source protection.
-

Water Treatment Components:

- This project includes water treatment components

Treatment Activities:

- This project includes a new water treatment plant.
- This project includes an expansion of an existing water treatment plant.
- This project includes rehabilitation of an existing water treatment plant.
- This project includes upgrades to an existing water treatment plant.
- This project includes emergency power generators for treatment activities.
- This project includes redundant treatment processes.

Acute Public Health Risk:

- This project includes infrastructure options to meet Cryptosporidium removal/inactivation requirements.
- This project includes infrastructure options to meet CT inactivation requirements.

Chronic Public Health Risk:

- This project includes treatment modifications to meet the Disinfectants/Disinfection Byproducts Rule at the water treatment plant.
- This project will provide treatment modifications for VOCs, IOCs, SOC, or Radionuclides.

Secondary Contaminants:

- This project includes treatment modifications to address Secondary Contaminants.

Security:

- This project includes security components for water treatment facilities.

Water Distribution and Storage:

- This project includes water distribution and/or storage components.

Water Line Extensions:

- This project includes water line extension(s).

Redundancy Components:

- This project includes emergency power generators for distribution and/or storage activities.

Number of units provided: 0

- This project includes redundant distribution and/or storage processes.



Drinking Water Project Profile

WX21039033 - Milburn Water District
AC Line Rehabilitation

Finished Water Quality:

- This project includes infrastructure to address inadequate water turnover and disinfection byproducts (DBPs).
- This project includes infrastructure to address inability to maintain disinfection residual.

Water Line Replacement:

- This project replaces problem water lines (breaks, leaks, or restrictive flows due to age), water lines consisting of lead and/or asbestos-cement (AC), and/or inadequately sized water lines.

Water Storage and Pressure Components:

- This project includes the construction of new water tank(s).
- This project includes the replacement of existing water tank(s).
- This project includes the rehabilitation of existing water tank(s).
- This project includes the construction of new pump station(s).
- This project includes the rehabilitation of existing pump station(s).

Security:

- This project includes security components for water distribution infrastructure.

Sustainable Infrastructure - Green Infrastructure:

Green stormwater infrastructure includes a wide array of practices at multiple scales that manage wet weather and that maintains and restores natural hydrology by infiltrating, evapotranspiring and harvesting and using stormwater. On a regional scale, green infrastructure is the preservation and restoration of natural landscape features, such as forests, floodplains, and wetlands, coupled with policies such as infill and redevelopment that reduce overall imperviousness in a watershed. On the local scale, green infrastructure consists of site and neighborhood-specific practices, such as:

Component	Cost
<input type="checkbox"/> Bioretention	\$0
<input type="checkbox"/> Trees	\$0
<input type="checkbox"/> Green Roofs	\$0
<input type="checkbox"/> Permeable Pavement	\$0
<input type="checkbox"/> Cisterns	\$0
Total Green Infrastructure Cost:	\$0

There are no Green Infrastructure components specified for this project.



Drinking Water Project Profile

WX21039033 - Milburn Water District
AC Line Rehabilitation

Sustainable Infrastructure - Water Efficiency:

The use of improved technologies and practices to deliver equal or better services with less water. Water efficiency encompasses conservation and reuse efforts, as well as water loss reduction and prevention, to protect water resources for the future. Examples include:

Component	Cost
<input type="checkbox"/> Installing or retrofitting water efficient devices such as plumbing fixtures and appliances (toilets, showerheads, urinals).	\$0
<input type="checkbox"/> Installing any type of water meter in previously unmetered areas (can include backflow prevention if in conjunction with meter replacement).	\$0
<input type="checkbox"/> Replacing existing broken/malfunctioning water meters with AMR or smart meters, meters with leak detection, backflow prevention.	\$0
<input type="checkbox"/> Retrofitting/adding AMR capabilities or leak equipment to existing meters.	\$0
<input type="checkbox"/> Conducting water utility audits, leak detection studies, and water use efficiency baseline studies, which are reasonably expected to result in a capital project or in a reduction in demand to alleviate the need for additional capital investment.	\$0
<input type="checkbox"/> Developing conservation plans/programs reasonable expected to result in a water conserving capital project or in a reduction in demand to alleviate the need for capital investment.	\$0
<input type="checkbox"/> Recycling and water reuse projects that replace potable sources with non-potable sources (Gray water, condensate, and wastewater effluent reuse systems, extra treatment or distribution costs associated with water reuse).	\$0
<input type="checkbox"/> Retrofit or replacement of existing landscape irrigation systems to more efficient landscape irrigation systems.	\$0
<input type="checkbox"/> Water meter replacement with traditional water meters.*	\$0
<input type="checkbox"/> Distribution pipe replacement or rehabilitation to reduce water loss and prevent water main breaks.*	\$0
<input type="checkbox"/> Storage tank replacement/rehabilitation to reduce water loss.*	\$0
<input type="checkbox"/> New water efficient landscape irrigation system, where there currently is not one.*	\$0
Total Water Efficiency Cost:	\$0

* Indicates a business case may be required for this item.

There are no Water Efficiency components specified for this project.

Sustainable Infrastructure - Energy Efficiency:

Energy efficiency is the use of improved technologies and practices to reduce the energy consumption of water projects, use energy in a more efficient way, and/or produce/utilize renewable energy. Examples include:

Component	Cost
<input type="checkbox"/> Renewable energy projects, which are part of a public health project, such as wind, solar, geothermal, and micro-hydroelectric that provides power to a utility.	\$0
<input type="checkbox"/> Utility-owned or publicly-owned renewable energy projects.	\$0
<input type="checkbox"/> Utility energy management planning, including energy assessments, energy audits, optimization studies, and sub-metering of individual processes to determine high energy use areas.	\$0
<input type="checkbox"/> Energy efficient retrofits, upgrades, or new pumping systems and treatment processes (including variable frequency drives (VFDs)).*	\$0
<input type="checkbox"/> Pump refurbishment to optimize pump efficiency.*	\$0
<input type="checkbox"/> Projects that result from an energy efficient related assessment.*	\$0
<input type="checkbox"/> Projects that cost effectively eliminate pumps or pumping stations.*	\$0
<input type="checkbox"/> Projects that achieve the remaining increments of energy efficiency in a system that is already very efficient.*	\$0
<input type="checkbox"/> Upgrade of lighting to energy efficient sources.*	\$0
<input type="checkbox"/> Automated and remote control systems (SCADA) that achieve substantial energy savings.*	\$0
Total Energy Efficiency Cost:	\$0

* Indicates a business case may be required for this item.

There are no Energy Efficiency components specified for this project.



Drinking Water Project Profile

WX21039033 - Milburn Water District
AC Line Rehabilitation

Sustainable Infrastructure - Environmentally Innovative:

Environmentally innovative projects include those that demonstrate new and/or innovative approaches to delivering services or managing water resources in a more sustainable way. Examples include:

Component	Cost
<input type="checkbox"/> Total integrated water resources management planning, or other planning framework where project life cycle costs are minimized, which enables communities to adopt more efficient and cost-effective infrastructure solutions.	\$0
<input type="checkbox"/> Plans to improve water quantity and quality associated with water system technical, financial, and managerial capacity.	\$0
<input type="checkbox"/> Source water protection planning (delineation, monitoring, modeling).	\$0
<input type="checkbox"/> Planning activities to prepare for adaptation to the long-term effects of climate change and/or extreme weather.	\$0
<input type="checkbox"/> Utility sustainability plan consistent with EPA's sustainability policy.	\$0
<input type="checkbox"/> Greenhouse gas inventory or mitigation plan and submission of a GHG inventory to a registry as long as it is being done for an SRF eligible facility.	\$0
<input type="checkbox"/> Construction of US Building Council LEED certified buildings, or renovation of an existing building.	\$0
<input type="checkbox"/> Projects that significantly reduce or eliminate the use of chemicals in water treatment.*	\$0
<input type="checkbox"/> Treatment technologies or approaches that significantly reduce the volume of residuals, minimize the generation of residuals, or lower the amount of chemicals in the residuals.*	\$0
<input type="checkbox"/> Trenchless or low impact construction technology.*	\$0
<input type="checkbox"/> Using recycled materials or re-using materials on-site.*	\$0
<input type="checkbox"/> Educational activities and demonstration projects for water or energy efficiency (such as rain gardens).*	\$0
<input type="checkbox"/> Projects that achieve the goals/objectives of utility asset management plans.*	\$0
Total Environmentally Innovative Cost:	\$0

* Indicates a business case may be required for this item.

There are no Environmentally Innovative components specified for this project.

Sustainable Infrastructure - Asset Management:

If a category is selected, the applicant must provide proof to substantiate claims. The documents must be submitted to Anshu Singh (Anshu.Singh@ky.gov) for CW projects

Component
Last Rate Adjustment Date: 02-14-2005 Download Fee Schedule
Rate Adjustment Age: 179 months
System's monthly water bill, based on 4,000 gallons, as a percentage of MHI: 1.13%
<input type="checkbox"/> The system(s) has a Capital Improvement Plan or similar planning document.
<input type="checkbox"/> The system(s) involved in this project have specifically allocated funds for the rehabilitation and replacement of aging and deteriorating infrastructure.

Project Status: Approved

Date Approved: 09-10-2013

Date Revised:

*Estill County Water District #1
Estill County Water District #1
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Attorney at Law
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