EXHIBIT NO.
ISSUE: RATE DESIGN \& REVENUE REQUIREMENT
WITNESS: MAYOR KATHLEEN L. ROSE
TYPE OF EXHIBIT: REBUTTAL
TESTIMONY
SPONSORING PARTY: CITY OF RIVERSIDE
CASE NUMBER: WR-2015-0301
DATE PREPARED: FEBRUARY 19, 2016

# MISSOURI-AMERICAN WATER COMPANY 

WR-2015-0301
DIRECT TESTIMONY OF
MAYOR KATHLEEN L. ROSE
BEFORE THE
MISSOURI PUBLIC SERVICE COMMISSION
ON BEHALF OF
CITY OF RIVERSIDE

FEBRUARY 19, 2016

Missouri-American Water Company
WR-2015-0301
Direct Testimony of Mayor Kathy Rose

## Q. PLEASE STATE YOUR NAME.

A. My name is Kathy Rose.

## Q. ON WHOSE BEHALF ARE YOU APPEARING FOR THE PURPOSES OF THIS REBUTTAL TESTIMONY TO THE SUPPLEMENTAL DIRECT TESTIMONY?

A. I am appearing on behalf of intervenor City of Riverside (the "City") for the purposes of offering Rebuttal Testimony to the Supplemental Direct Testimony filed in response to the Commission's Order directing Filing of Supplemental Direct Testimony, issued on the $3^{\text {rd }}$ day of February 2016. Being within the boundaries of the Platte County Water District ("PCWD"), the City and its residents receive service directly from MissouriAmerican Water Company ("MAWC"). The City is within the Platte County Water District, and subject to the Platte County water tariff at issue in this case.

## Q. PLEASE DESCRIBE YOUR POSITION WITH THE CITY OF RIVERSIDE MISSOURI.

A. I am the Mayor of the City.
Q. WHAT IS YOUR INTEREST IN THIS PARTICULAR CASE?
A. As Mayor, I am testifying as a representative of the interests of the citizens of the City of Riverside and the other ratepayers within the Platte County Water District, in order to protect our City's and District's citizens, especially those on fixed income from the continuation of increased cost of drinking water.

## Q. WHAT IS THE PURPOSE OF YOUR REBUTTAL TESTIMONY?

A. I am offering Rebuttal Testimony to the Supplemental Direct Testimony filed in response to the Commission's Order directing Filing of Supplemental Direct Testimony, issued on the $3^{\text {rd }}$ day of February 2016, in which the Commission directed MAWC to file supplemental direct testimony to offer an adequate response to the Staff of the Commission's a rate structure analysis regarding the following concepts as applicable to water utilities:
(1) an increase to the customer charge;
(2) a corresponding decrease in the volumetric charge;
(3) inclining block rates for residential customers;
(4) level rates for commercial and industrial customers;
(5) a modified future test year for consumption;
(6) a one-way tracker on consumption; and
(7) a corresponding downward adjustment in Return on Equity.

Before offering my view as to rate structure I want to express my support for the proposed rate decrease in the PCWD and strong desire to make sure it is not diluted. Hopefully we will see additional decreases. Since I was elected Mayor in April of 2006, almost 10 years ago, the cost of water has almost doubled in price in the PWCD. MAWC states that the average customer bill has gone from $\$ 38.39$ in 2006 to $\$ 66.20$ today. See the SCHEDULE MKLR-1R, PCWD Average Usage and Rate History. Of almost equal concern is that they calculate the average usage of a residential customer in the PWCD as using 6500 gallons of water per day, down from an average of 8800 gallons in 2006. See SCHEDULE MKLR-1R. We have serious questions as to how MAWC, Staff and the

Office of Public Counsel ("OPC") arrived at either of those numbers. It would seem more straightforward to simply declare the average usage for a residential customer and the rate per 1,000 gallons. My testimony addresses two issues that are essential to the establishment of just and reasonable rates, rate design and water quality.

## Q. WHY THE ISSUE OF RATE DESIGN?

A. The policy decisions this Commission makes in regards to rate design has a significant impact on how residential ratepayers are treated district to district, as well as the impact on those citizens living on a fixed income. The resident ratepayers do not get to ask the government to give them a $9 \%$ or $10 \%$ raise every year. The true residential ratepayer, homeowner, apartment or duplex resident, is the only ratepayer who does not get to recover their cost of water. It seems a just and reasonable design would take that into consideration and establish a specific rate class for the true residential ratepayer who is responsible for paying their individual water bill. In addition to the unjust and unreasonable situation the true residential ratepayers experience due to the current rate design as to customer classes, it is aggravated by the rate design philosophy of "district specific rate making". It is unjust and unreasonable in this day and age for a resident to pay a different amount for his water just because he lives in a particular area.

MAWC should also be required to communicate in their transmittal letter and public communications the cost of water in each district by simply stating the cost per 1,000 gallons used by the true residential customer in the District, instead of the "Average Residential Customer by District" when the average gallon usage changes from one case to the next and then an average bill is referenced with present rate and proposed rate that
makes it difficult for the consumer to understand exactly how much the cost of water is going to increase and what it means for her.

## Q. HOW WOULD YOU ADDRESS THE ISSUE OF RATE DESIGN?

A. I can only speak to policy, but it seems just and reasonable to create a customer class solely for those residents living in a home, apartment or duplex as they are the only residents without the ability to recapture their water costs. I would also eliminate district specific rate making and have the same cost per gallon of water for every residential customer in the MAWC service territory. Currently PWCD ratepayers are paying almost $50 \%$ higher than the average customer in St. Louis, over $60 \%$ higher than the average customer in Jefferson City, over 70\% higher than the average customers in Mexico and Joplin, over $100 \%$ higher than the average customer in St. Joseph and over $140 \%$ higher than the average customer in Warrensburg. SCHEDULE MKLR-1R. That is not a just and reasonable rate. The residential ratepayer can still pay a just and reasonable rate while the price for a gallon of water is consistent from one resident to the next, without reference to the city in which they live.

## Q. WHY THE ISSUE OF WATER QUALITY?

A. The City also believes that the quality of water supplied by MAWC's water distribution system as described by residents in their testimony at the public hearing in Riverside and the testimony is less than desirable. I have attached additional statements of certain residents explaining their concerns. SCHEDULE MKLR-2R, MKLR-3R, MKLR-4R and MKLR-5R. These statements should be considered in determining the final tariff rates. It is hardly just and reasonable to pay the rate the residents of PCWD pay, only to have
their appliances ruined by something the distribution system processes. SCHEDULE MKLR-2R, MKLR-3R and SCHEDULE MKLR-4R. It is my understanding that MAWC has been aware of the issue for almost four years and still has not found a solution to the problem. In fact the MAWC is unaware as to the true extent of the problem. Also adequate water pressure in newer subdivisions is concern of our residents. SCHEDULE MKLR-3R, MKLR-4R and MKLR-5R.

## Q. DOES THE CITY BELIEVE THAT MAWC SHOULD TAKE FURTHER ACTION TO ADDRESS THE CITY'S WATER QUALITY CONCERNS?

A. Yes, the City is very concerned about the water quality issues created by MAWC's water distribution system, and is not satisfied with MAWC's previous responses to this issue. The City believes that MAWC should take every reasonable action to investigate the cause of the quality issue, including proactively surveying their customers to determine how widespread the problem is in the water distribution system. At a minimum, MAWC must take action in good faith in order to address these issues.

## Q. BASED ON THE FOREGOING, WHAT RELIEF ARE YOU REQUESTING IN RELATION TO THESE ISSUES?

A. The Commission should adopt an alternative rate design plan that is in the public interest and protects the residential users across the state. A rate design proposal should be adopted that would reduce volatility and better protect the residential user from unjust and unreasonable rate increases they have received in the last decade. We would urge the Commissioners to adopt any alternative that would protect the residential users of the state who suffer the most from the unreasonableness of perpetuating the myth of district
specific rate-making. The City believes any new rate design should result in water rates applicable to customers located within the PCWD being reduced not only by the amount described in MAWC's materials filed in this case, but should reflect a rate closer to those proposed by MAWC in the 2011 case. We would also request the Commission order a thorough investigation into the water quality issues certain residential customers are experiencing in the PCWD and that the issues as to the quality of the water produced by MAWC's water distribution system should be a factor in determining the final tariff rates.

## Q. DOES THAT CONCLUDE YOUR TESTIMONY?

A. Yes.

# BEFORE THE PUBLIC SERVICE COMMISSION <br> OF THE STATE OF MISSOURI 

In the matter of Missouri-American ) Water Company's Request for Authority ) to Implement a General Rate Increase )

Case No. WR-2015-0301 for Water and Sewer Service Provided ) in Missouri Service Areas

## Affidavit of Mayor Kathleen L. Rose



Kathleen L. Rose, being first duly sworn, on her oath states:

1. My name is Kathleen L. Rose. I am Mayor of the City of Riverside, Missouri.
2. The above Direct Testimony in question and answer form was prepared by me, or at my direction.
3. I hereby swear and affirm that the aforesaid written direct testimony is true and accurate to the best of my present knowledge, information and belief.


Kathleen L. Rose
Subscribed and sworn to before me on this $19^{\text {th }}$ day of February, 2016.


My commission expires: April 16,2017


| DATE OF REQ. | DISTRICT | AVG CUST. USAGE | PRESENT RATE | Proposed rate | \% INCREASE | ACT. INC. \% | PCWD \% DIF |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 12/15/2006 | Jefferson City | 5,000 | \$20.55 | \$25.74 | 25.26\% | 34.16\% | 87\% |
| WR-2007-0216 | Joplin | 5,700 | \$16.29 | \$20.40 | 25.23\% | 60.83\% | 136\% |
|  | Mexico | 4,600 | \$23.92 | \$29.96 | 25.25\% | 30.98\% | 60\% |
|  | Parkville Water | 8,800 | \$38.39 | \$48.08 | 25.24\% | 11.80\% |  |
|  | St. Charles | 8,200 | \$22.58 | \$28.28 | 25.24\% | 6.91\% | 70\% |
|  | St. Joseph | 4,800 | \$22.63 | \$28.72 | 26.91\% | 33.72\% | 70\% |
|  | St. Louis (quarterly) | 23,800 | \$61.21 | \$76.49 | 24.96\% | 9.59\% |  |
|  | St. Louis (monthly) | 7900 | \$20.40 | \$25.50 | 24.96\% | 9.59\% | 88\% |
|  | Warrensburg | 5,300 | \$18.57 | \$23.26 | 25.26\% | 18.96\% | 107\% |
|  | Warren County Water | 5,300 | \$20.33 | \$25.45 | 25.18\% | 85.44\% | 89\% |
|  |  |  |  |  |  |  |  |
| $\begin{gathered} 3 / 31 / 2008 \\ \text { WR-2008-0311 } \end{gathered}$ |  |  |  |  |  |  |  |
|  | Brunswick | 3,500 | \$33.48 | \$43.91 | 31.15\% | 36.62\% | 22\% |
|  | Jefferson City | 5,000 | \$27.57 | \$33.40 | 21.15\% | 13.38\% | 56\% |
|  | Joplin | 5,500 | \$26.20 | \$34.62 | 32.14\% | 10.95\% | 64\% |
|  | Mexico | 4,500 | \$31.33 | \$37.03 | 18.19\% | 17.72\% | 37\% |
|  | Parkville Water | 8,000 | \$42.92 | \$57.16 | 33.18\% | $?$ | 78\% |
|  | St. Charles | 8.000 | \$24.14 | \$35.36 | 46.48\% |  |  |
|  | St. Joseph | 5,000 | \$30.26 | \$32.80 | 8.39\% | 15.76\% | 42\% |
|  | St. Louis (quarterly) | 22,500 | \$67.08 | \$87.57 | 30.55\% | 11.54\% |  |
|  | St. Louis (monthly) | 7500 | \$22.36 | \$29.19 | 30.55\% | 37.66\% | 92\% |
|  | Warrensburg | 5,000 | \$22.09 | \$28.45 | 28.79\% | 24.49\% | 94\% |
|  | Warren County Water | 6,500 | \$37.70 | \$32.76 | -13.10\% | 21.56\% | 14\% |
|  |  |  |  |  |  |  |  |
| $\begin{gathered} \text { 10/30/2009 } \\ \text { WR-2010-0131 } \end{gathered}$ | Brunswick | 3.500 | \$45.74 | \$60.08 | 31.35\% | 35.02\% | $20.84 \%$ |
|  | Jefferson City | 5,000 | \$31.26 | \$35.43 | 13.34\% | ? | 76.81\% |
|  | Joplin | 5,500 | \$32.58 | \$38.41 | 17.89\% | ? | 69.64\% |
|  | Mexico | 4,500 | \$33.23 | \$43.59 | 31.18\% | ? | 66.33\% |
|  | Parkville Water | 8,000 | \$55.27 | \$70.63 | 27.79\% | ? |  |
|  | St. Joseph | 5,000 | \$29.59 | \$37.97 | 28.32\% | ? | 86.79\% |
|  | St. Louis Metro (quarterly) | 22,500 | \$74.82 | \$91.00 | 21.63\% | 26.49\% |  |
|  | St. Louis Metro (monthly) | 7500 | \$30.78 | \$36.17 | 17.51\% | ? | 79.56\% |
|  | Warrensburg | 5,000 | \$27.50 | \$32.79 | 19.24\% | ? | 100.98\% |
|  | Warren County Water | 6,500 | \$45.83 | \$57.21 | 24.83\% | ? | 20.60\% |
|  |  |  |  |  | - | - | - |
| 6/30/2011 |  |  |  |  |  |  |  |
| WR-2011-0337 | Brunswick | 3500 | \$61.76 | \$29.69 | -51.93\% | 35.02\% | -9.38\% |
|  | Jefferson City | 4000 | \$27.37 | \$31.53 | 15.20\% | ? | 104.49\% |
|  | Joplin | 5000 | \$35.85 | \$35.21 | -1.79\% | ? | 56.12\% |
|  | Mexico | 4000 | \$33.54 | \$31.30 | -6.68\% | ? | 66.88\% |
|  | Parkville Water | 6500 | \$55.97 | \$40.73 | -27.23\% | ? |  |
|  | St. Joseph | 4500 | \$28.48 | \$33.37 | 17.17\% | ? | 96.52\% |
|  | St. Louis Metro (quarterly) | 22500 | \$94.64 | \$113.74 | 20.18\% | ? |  |
|  | St. Louis Metro (monthly) | 7000 | \$34.35 | \$42.57 | 23.93\% | ? | 62.94\% |
|  | Warrensburg | 4000 | \$24.40 | \$31.53 | 29.22\% | ? | 129.39\% |
|  | Warren County Water | 5000 | \$58.27 | \$35.21 | -39.57\% |  | -3.95\% |
|  | DISTRICT AVG CUST. USAGE |  |  |  |  |  |  |
| 7/30/2015 |  |  | PRESENT RATE | PROPOSED RATE | \% INCREASE | ACT. INC. \% | PCWD \% DIF |
| WR-2015-0301 | Brunswick | 2500 | \$49.18 | \$39,89 | -18.89\% | -20.37\% | 34.61\% |
|  | Jefferson City | 4200 | \$41.03 | \$44.40 | 8.21\% | ? | 61.35\% |
|  | Joplin | 4700 | \$38.39 | \$37.03 | -3.54\% | ? | 72.44\% |
|  | Mexico | 3600 | \$38.49 | \$41.11 | 6.81\% | ? | 71.99\% |
|  | Parkville Water | 6500 | \$66.20 | \$59,82 | -9.64\% | 18.28\% |  |
|  | St. Joseph | 4400 | \$32.36 | \$35.68 | 10.26\% | ? | 104.57\% |
|  | St. Louis Metro (quarterly) | 19200 | \$101.84 | \$110.32 | 8.33\% | ? |  |
|  | St. Louis Metro (monthly) | 7100 | \$44.26 | \$46.73 | 5.58\% | ? | 49.57\% |
|  | Warrensburg | 4400 | \$27.49 | \$35.59 | 29.47\% | ? | 140.81\% |
|  | Warren County Water |  |  |  |  |  |  |

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Examination Under Oath Jason Strohm
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BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OE MISSOURI
In the Matter of Missouri-American
Water Company's Request for
Authority to Implement a General
Rate Increase for File No.
Water and Sewer Service
WR-2015-0301
Provided in Missouri Service Areas
SWORN STATEMENT OE: JASON STROHM
DATE: February 11, 2016
LOCATION:
City Hall
Riverside, Missouri
EXAMINER: MR. JOE BEDNAR SPENCER EANE 304 East High Street Jefferson City, Missouri
COURT REPORTER: Angie Sherwood, RPR, CSR, CCR
(The proceedings commenced at 6:02
p.m.)

JASON STROHM,
being first duly sworn, testified under oath as follows:

## EXAMINATION

BY MR. BEDNAR:
Q. Do you want to state your full name for the record again, Jason.
A. Jason L. Strohm, $S-T-R-O-H-M$.
Q. I'm Joe Bednar. Jason, we met before at the hearing. The purpose of tonight, we are having a town hall meeting to identify all the residents in the Parkville Water District, Platte County Water District, it's referred to multiple names, to have an opportunity to further expound to the commission as to the issues and the problems that they have had.

As we know from the hearing, the public hearing that occurred, Missouri-American Water's position is that there is only 2 percent of the customers they think have the problem, but they don't know because they have done no inquiry into their customer base.

So that's what we are trying to do
here. You were one of the speakers at that
hearing. You introduced several exhibits at that hearing, did you not?
A. That's correct.
Q. Are there any other exhibits or documents, pictures that you would like to be admitted to the record?
A. I do, but not with me today.
Q. Okay.
A. But I have plenty of pictures and history and all that stuff.
Q. Okay. So if you wouldn't mind doing that, if you can provide us copies of the rest of the history. You can drop it off here at city hall. And what we will do here is, each person who testifies tonight we are going to attach their affidavit -- basically it becomes an affidavit in questions/answers to the mayor's testimony. The mayor is going to submit formal testimony in the case. And we will read this into -- this will be part of the rebuttal testimony, surrebuttal testimony whenever water quality issues are brought up or rate increases are brought up.

But if you want to one more time, just if you can explain when you first identified Emerald Court Reporting, LLC
there was an issue. In a ballpark not -- you know, unless you know the date.
A. February 2011 was the first instance that we noticed that there may be something wrong. Our dishwasher clogged, didn't think much of it at the time. Never under our wildest thoughts did we think that it would be the water quality.

Sometime later in I believe 2011 we had $A B$ May come out because our dishwasher was not working. It wasn't getting sufficient water. The filter was clogged.
Q. So the dishwasher again was not working?
A. Correct.
Q. So we are still with the dishwasher?
A. Yes.
Q. Okay.
A. Shortly thereafter, and I can give you the dates. They are submitted as part of my testimony.
Q. Yes. Okay.
A. We had them out again. And at this point he said, I don't know, you're using too much detergent, you need to cut back. So we thought, all right, we'll do that. He said I'm also going
to clean out your filter again because you have a lot of debris and scale that's blocking the water coming into the dishwasher, which is part of the problem because it's not washing the soap off the door and onto the dishes and everything else.

So then he turned to our kitchen faucet and he took the aerator off that. And he pulled that off and it was completely filled with scale and calcium and whatever they want to classify it as.

At that point I decided it would be in my best interest to go take a look at the rest of the stuff. Now, we've had issues with our dishwasher and we did not attribute it -- or I'm sorry -- our washing machine but we did not attribute it to the water that was going into the dishwasher. Thought they were completely independent.

Our washing machine quit working. It too was not getting sufficient water so we get this error on the front of our front-load washing machine. I can't reset that.

So I pulled the washing machine out, took the hot and the cold. That's important because they seemed to think -- their initial
thought was it must be because your hot water heater is too high.
Q. This is on the washing machine issue?
A. This is on the washing machine. So when I pulled the lines off the hot and cold water at the back of the washing machine both of them were clogged. That's why it's not getting any water. But I can't reset the computer within the washing machine. So we had to have two valves replaced in our washing machine.
Q. So who told you that it was because the water was too hot or the water heater was too hot?
A. That would have been Missouri-American Water the first time they came out. They checked it and it was, and always has been, set to whatever the manufacturer's recommended temperature is.
Q. That was the hot water heater downstairs?
A. That's correct.
Q. Okay. Now, when you talk about the valves being clogged, can you give a little more description. What do you mean by clogged? I think you submitted some pictures, did you not?
A. I did, and I have many more. The
scale. There is little screens on the back of our washing machine and they were completely packed full of the scale. Well, what happened was some of that scale ultimately made it through and the valves on the back of the washing machine were no longer functioning because they were covered in the scale. So we had to replace those.
Q. What did you do with the dishwasher? Did you have to replace anything in the dishwasher?
A. We put in a dishwasher. In February 2012 we redid our basement, finished our basement, and this is where stuff really starts to click. We put in a new refrigerator, a sink, and a dishwasher in our basement. When we had the plumber put the pipes in for a sink and he cut into those pipes like a -- I'm going to say a 2-inch piece of scale and I don't know how to describe it other than gunk came out of the pipe. So he was like holy sh**.
Q. How old is your house?
A. It was built in 2005. So it was seven years old at the time.
Q. Not an old house?
A. No. So that's when it all started to

1 click. We went ahead and put the stuff in, the 2 dishwasher, sink, and all that stuff, but that's 3 when I started hammering away on Missouri-American Water that you have got to get out here and fix this because I have new appliances and now you're going to wreck those.
Q. Yes.
A. Catching on. So they came back and they flushed my hot water heater. My -- the plumber was there and I came home from work. When he started and realized how bad it was, I called Missouri-American Water and had Mike McMillan come out.

Mike McMillan came out and
witnessed it. We cleaned out the hot water
heater. Initially we couldn't even get the valve off because it was stuck. So we had to replace the valve, cleaned out the hot water heater. We filled up three 1 -gallon bags of debris out of our hot water heater. I gave one to the plumber, I gave one to Mike McMillan, and I kept one. Unfortunately I threw mine away because after so long it's just taking up space, but Missouri-American Water should still have that. I believe they still have our records.

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So now we're back to it must be your hot water heater, which kind of set me off at that point because I know for a fact that my refrigerator is no longer working because it keeps clogging. The filters clog. It's coming through the cold water lines.
Q. Yes.
A. The hose bib outside clogged. So I'm calling repeatedly almost on a weekly basis to have them come out and flush out my lines.
Q. When did this start? What year did you start calling them weekly?
A. Oh, this would have been 2012. I'm going to say March, April, May, June, July, August, September. It went on and on. Then eventually I just quit. They told me that they were going to make it right and then Mike McMillan disappeared and the plumber that was servicing the entire neighborhood, for some reason he couldn't come back out. No idea why.
Q. And he was servicing on behalf of Missouri-American, not for you?
A. Yes.
Q. Okay. And that was in what month in 2012?
A. I'm going to say that was probably June or July of 2012.
Q. And so what representative did you deal with from Missouri-American after that?
A. I can't remember the new guy's name, but I dealt with Jody Johnson, Wally Williams, Lisa Adams. There is an individual from St. Joe that would come down occasionally. I can't remember his name.
Q. How often were they at your house after the fall of 2012?
A. After the fall of 2012 it was intermittent because we did all we could do. In one of the emails that I submitted it shows that they acknowledge that it was their fault and their problem and they are trying to resolve it, but that didn't do anything other than for them to say, yeah, it's a problem, we're working it out. Can you come clean out my lines? Yeah, we'll send somebody over there. The communications just kind of got spread out over time and eventually it just kind of fell off the table.

Since that time I have to clean out my aerators every week. I invite people regularly to come over and watch it because it's
one thing to hear it from somebody. It's another thing to actually see it. So I do that every week now. I've been doing that since 2012, early 2012. During that time span, Missouri-American Water acknowledged that there was a problem on their end and they bought seven or eight water filters for our refrigerator. What would happen is, is it would clog that line, water would come in, it would crack the filter, and then I'd have water running down the back of my refrigerator out on to the floor and underneath. So my filters supposedly were supposed to last $I$ think it's 90 days on those as well but they don't. So we have to replace them 30-, 40 bucks a pop pretty regularly. I would say every couple of months.
Q. Have you kept all your financial records of how much you have spent?
A. I have a -- no, but I have a pretty good idea. I have it all documented and receipts.
Q. Yes, if you could bring that by city hall as well.
A. I do have, you know, the receipts from the people coming out to repair the dishwasher. I have service records from people coming out for Emerald Court Reporting, LLC
(913) 383-2400

1 refrigerator, why the filters were cracking. Fortunately at the time most of those things were covered under warranty. The refrigerator was still covered under warranty. But we have replaced the faucets in the kitchen. We have faucets in our house that do not work right now and I refuse to fix them. There is no reason for me to spend money on something that ultimately is going to fail because of this issue. I have toilets. The backs of my toilets I have to clean out regularly as well. I don't know the actual name but I'll call them the guts. Those get clogged with sediment and debris and scale so the back of the toilet won't fill up and you can't flush it. So I have to take those off which is a nightmare and clean those out as well.

I probably have pictures. Every
few months I probably still take pictures.
Q. Okay.
A. There's been occasions where Missouri-American Water would stop by like, hey, we heard there's an issue in the neighborhood, do you happen to have any of the, you know, yeah, I have the bucket of crap that came out from last
week, here it is, and I give it to them.
Q. When they are checking somebody else's house?
A. Yes, yes, to see if it's the same thing, so on, so forth.

I've been told a thousand
different reasons as to why it's happening. I have not been told what they're actually going to do about it.
Q. Okay.
A. Started with construction. Well, the first thing was the hot water heater. The hot water, that $I$ had it too high. When $I$ proved to them that it was coming out of my cold water and the back of my toilets, sprinkler, refrigerator, they said it must be construction in the area that's breaking apart the lining of the pipes. Okay. There is your second one. There is ongoing construction in our neighborhood. I don't believe that is the cause since so many other people are experiencing it.
Q. What do they do to check that? I mean if there's pipes broken that would be -- I would think they would be leaking and at some point it would become noticeable in the neighborhood,

1 right? out.
A. Correct. I think that they're insinuating that the scale that lines the inside of the pipe it goes through is kind of breaking off and being pushed into people's houses. That's the way that I understood it.

I was told that it was my PEX
piping, that it's because of some sort of interaction with the $P E X$ being plastic or whatever it is, that pipe is not -- there is some sort of interaction that's causing it not to stick but instead just get pushed out in particles. That, too, I have a hard time believing because quite frankly $I$ think every house since 2008 would have that same issue but that was their last excuse.

I've mentioned that they've come out and they flushed out the hydrants down the street from my house to try and push the stuff

Wally Williams at one point, you
know, point blank said, yeah, $I$ know, it's still going on, there's nothing we can do about your house right now. We can still see it in the street. And that's documented in my communications.

I had asked why they haven't just put a filter on my main line. If you are out there at the tap and you are going to go look at the meter all the time, why can't you put a filter right there before it comes into my house. That's about the time when communication really stopped where it was we'll come out, we'll give you a call, but we wouldn't hear back.
Q. Okay.
A. Two days ago $I$ was searching and $I$ found Mike McMillan's email address and he responded to me and he said, yes, I no longer work there. I work for another company over in I want to say Kearney or Liberty. He is supposed to give me a call back. He is aware of everything that's going on and that I'd like to talk to him.

He was extremely cordial and understanding of the issues at hand but from what I understood his hands were tied with what they could actually do. That may be the reason why he's not there. I mean I don't think he had to go out and buy us filters knowing that there's an issue. I don't think that they had to put an inline filter on my house if there wasn't an issue.

I have given them the filters from -- and this is important again because they put the end line filter on my house. I did not. They were trying to stop the debris from entering my house so they put that on.

I've given them the filters from the house. They go back and say, yes, we have a lot of scale, that's really calcium and whatever. So they would take those and they would test it.

They provided two filters at the time. Now, I'm again on the hook for replacing those once a month in lieu of every three months which is when they are supposed to be replaced. Those are like 16 bucks a pop. It's not a big deal, but it's not going to solve the issues that we're currently experiencing.
Q. Right.
A. Aside from that, I would be more than willing and happy to let somebody at any point in time come out to my house for cleaning, evidence, or whatever.
Q. I think it'd be helpful -- you talk about how you clean the pipes, the aerators, to get that on video so we can use that, demonstrate that to the commission.
A. I have pictures on my phone right now. The Department of Natural Resources and Missouri-American Water were at our house last week. They were looking strictly for bio matter, bacteria in the water. They were concerned about the debris that's coming through the pipes.

I was at work unfortunately and I said, okay, they need to pull the aerators off so they can see what they're actually dealing with. It was of no concern to them. They were more concerned about a Elint, Michigan type water concerns I guess.

But I did take pictures immediately following that of the aerators that I cleaned out. And it's again sickening when you think about the fact that they were just there and they just took off.
Q. Did they take a water sample?
A. They did. They did. And I have the results of that and I can provide those to you as well.
Q. Okay. What do they say?
A. Nothing out of the ordinary, but it's also signed by Lisa Adams who works for Missouri-American Water.
Q. There is not one from DNR?
A. No. I found that a little peculiar.
Q. Yes, it is.
A. If you're going to come do a water test, why are you having Missouri-American Water sign?
Q. Right, right. And DNR said that Missouri-American was going to test the water, not them?
A. They were all present at the testing.
Q. Okay. I would like that as soon as possible. If you want to email it to me tomorrow.
A. I may have it on my phone. If I do I'll mail it to you.
Q. Is that person from DNR, the director?
A. Yes. Signed by Lisa K. Adams who I dealt with in the past. She is an employee of Missouri-American Water.
Q. Very good. Appreciate that. And I agree with you.
A. Eox guarding the hen house.
Q. All right. I'll review that. That helps.
A. It's a PDF at the bottom.
Q. So I think I may follow up with you,

1 but make sure all the exhibits are organized and
2 then do a chronology. Going off of four years is
3 remarkable to not have any type of solution at
4 this time.
A. It's been largely ignored. That's the thing so...
Q. Now, who else in your neighborhood are you aware has the same problem or similar?
A. Oh, I would have to give you names. But I mean if you look at my -- our Thousand Oaks Facebook page you will find a list of people there.
Q. What's the address of the Thousand Oaks Eacebook page?
A. Oh, geez.
Q. See if I can "like" it right now on my phone.
A. Residents of Thousand Oaks, KC/Parkville. If you do a search by water I think you could probably pull up a lot of my history as well. Brian Martin, Rachel Hillex-Nystaad, Marian Austin, Deborah Chatfield, Jenny Calvert, Chris O'Day Mauzey, M-A-U-Z-E-Y, Brooke Shroer, John Scheidt, $\mathrm{S}-\mathrm{C}-\mathrm{H}-\mathrm{E}-\mathrm{I}-\mathrm{D}-\mathrm{T}$.
Q. I am still trying to find it. If I go

1 to new group or create group.
A. You know what? I'm not a Facebook type of fella. I have a hard time, I guess.
Q. So Residents --
A. Residents of Thousand Oaks. You should be able to find it. If you have to request access I can probably provide it for you. I have to find out who the administrator is.
Q. That's a closed group. So my request has been sent.
A. Okay.
Q. So let them know. Anything else I should know? Anything else you want to add at this point?
A. No, other than, you know, between you and I, and you're aware of this because I filed that's why I filed my formal protest -MR. BEDNAR: We can go off. (The proceedings concluded at 6:25 p.m.)

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Examination Under Oath Mary Churchill

4 In the Matter of Missouri-American
5 Water Company's Request for
6 Authority to Implement a General
7
8
BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

Rate Increase for File No. Water and Sewer Service Provided in Missouri Service Areas
``` WR-2015-0301
SWORN STATEMENT OF: MARY CHURCHILL
SWORN STATEMENT OF: MARY CHURCHILL
DATE: February 11, 2016
LOCATION: City Hall
Riverside, Missouri
EXAMINER: MR. JOE BEDNAR
                                    SPENCER EANE
                                    304 East High Street
                                    Jefferson City, Missouri
                                    COURT REPORTER: Angie Sherwood, RPR, CSR, CCR
(The proceedings commenced at 6:37
P.m.)

MARY CHURCHILL,
being first duly sworn, testified under oath as follows:

EXAMINATION
BY MR. BEDNAR:
Q. State your name for the record.
A. Mary Churchill.
Q. And where do you live, Mary?
A. 4542 Verona Drive, Riverside.
Q. And that's in the Montebella subdivision?
A. Montebella subdivision, yes.
Q. And you came tonight to talk about some of the water quality issues that your husband testified to in the hearing, correct?
A. Right.
Q. And if you would -- so we're just -the purpose here is to add supplemental testimony to the record that will be an exhibit to the mayor's testimony.
A. Okay.
Q. As you know and you are aware, at the hearing, public hearing, different people
testified.
A. Right.
Q. We want to make sure there weren't others out there that would also like to testify in order to try to make sure the commission understands the breadth of the problem.
A. Okay.
Q. So what type of problems are you having at the house in regards to the water quality?
A. In regards to the water quality we're having an ongoing buildup of calcium deposit, we think. That is what the water company has told us it is.

We have with another neighbor requested a water quality check with the DNR. They have not done it yet but are going to come out.
Q. When did you request it?
A. This past week.
Q. Okay. You called directly to DNR to do that?
A. Yes, Sue Johnson did, the other neighbor that was here.
Q. Was there another neighbor here, too?
A. Stacy Bundy.
Q. Okay.
A. And I think her husband is out there also.
Q. Okay. So how have you identified that you have had this buildup in your lines?
A. Well, we lost water pressure. We were getting no water pressure. And actually over the last two or three years our appliances were breaking down. Our kitchen faucet, our dishwasher. We have high-pressure flush toilets. We thought there was something wrong with our appliances. So we spent a good deal of time replacing, repairing, calling manufacturers, working with them. And everything was new because we just moved into the subdivision.

And, finally, we figured out that every water line into the house has got all this clogging of this calcium deposit.
Q. Okay.
A. So this is white-y, yellowish stuff. And so the water company came in, they flushed the lines from the street to the house. They flushed all -- a number of the lines in the house, the ones that they could access relatively easily. They flushed the hot water heater. And they got
deposit out of everything, everything.
Q. Wow. And when did they do this?
A. Oh, gee. This was done -- I don't
remember the exact date. I'd have to look it up.
Q. Generally.
A. In the last couple of months.
Q. Okay. How old is your house?
A. We are going on six years.
Q. Okay.
A. We were the third family in the Montebella subdivision and the Bundys were in right before us so...
Q. Okay. It's a beautiful subdivision.
A. It is. I love the subdivision. I love the area. I love being in Riverside.
Q. You just want better water.
A. And, you know, we didn't realize there was all this other stuff going on. But this has been very frustrating because it doesn't appear that there's a solution.
Q. So what other neighbors? Can you identify anybody else or heard from anybody else that's having problems?
A. We've talked to other neighbors. Many of them have said that they have got -- they don't

1 have a problem, we do have a problem, we put water
2 Softeners in, they seem to be working okay. stuff has built up.
Q. Built up over time.
A. So what's going to happen along the --

9 I think there's -- oh, gosh, there were probably
10 only eight of us in there for the first 18, 16,
1120,18 months because the market went down the
12 tubes. Now recently there is all this building.
13 So the subdivision has just increased in size a
14 lot in the more recent months.
A. Gosh, I don't know. My husband dealt
with him directly. He had to be out of town tonight unfortunately.
Q. Do you have a record of that at home you think?
A. Yeah, we should have a record. We should have paperwork on that at home.
Q. This is something I was going to ask you. Is there any records that you didn't have the opportunity to enter into evidence at the hearing that we can here. If you want to talk to your husband when you get home.
A. Yeah, let me ask him in terms of that. Let me jot that down as the paperwork from the water company plumbers.

And then I do have this past year's previous bills. This is different from the -- this is the usage stuff.
Q. Okay.
A. You'll see that the winter months we're using -- we have this really high water usage.
Q. That's October, November.
A. I mean it should be -- if we're going to have high usage, it should be during sprinkler season. Now, granted we had a lot of rain this year so we didn't use as much water as we normally

1 do sprinkling. How do you justify that kind of
2 water usage in October, November, and December? I
3 mean -- and it's a lot of water. There is just
4 the two of us. There's nothing that changed in
those months other than we always go out to Colorado in November. So there's 10 days of November we're never even home.
Q. Almost 8,500 gallons of water.
A. That's what it says. You know, where is it going?
Q. Yes.
A. It makes no sense to me. And I have talked to several other people, several other people, and they hadn't even checked. I mean I hadn't. I pay my bill and didn't pay any attention. And then when somebody brought it up at the meeting last week I went home and I had this year's bills handy because it's tax time.
Q. Well, in August of 2014 they had you using almost 13,000 gallons of water.
A. Yeah. Now, that probably -- there was probably a sprinkler system going on but we've never had the sprinkler system leaking.
Q. Right.
A. I mean it's just a huge quantity of

1 water for two people.
Q. Right.
A. Especially when you see those high ones for the months of, you know, for November or December. I mean it's -- it just doesn't make -and I mean we go down to -- my son has a lake home in Pomme de Terre. So we are down there most weekends, a lot of weekends. Not most but a lot of weekends so...
Q. Well, because you look at August of 2015 you are at 5,100 gallons?
A. We did not run the sprinkler system this summer.
Q. Last summer 2014.
A. Last summer before we did. We didn't run the sprinkler system in November. I can tell you that or october.
Q. Yes, to have that kind of water usage. That's unbelievable.
A. Because we blow it out and shut it down.
Q. Right. Okay.
A. So I mean the usage. We are not the only ones. When that guy talked about it, it was like -- the concern is that there is just so many different points about this water company that are concerning.
Q. Yes. Let's walk through them. That's why we are here.
A. Their bill increase, you know, which -and the high cost concerns me. The guaranteed profit concerns me. But the one that really concerns me is they're allowing periodic rate increase without any kind of auditing or this or that.

I mean that's like giving a utility company, anybody, any company, or corporation a license to steal as far as I'm concerned. I mean from my understanding the water company has requested a rate increase for like six years running. This is a convenient statement, unless I am misunderstanding what they are asking, so that they don't have to ask for rate increase. They just increase rates. I already feel like we have no control over what's going on anyway.

The rate zones. When we asked the water company last week, a week ago, why they were redistricting the way that they were and I am either stupid or I mean I couldn't understand what --
Q. What their logic was?
A. What their logic was in terms of -- I mean they talked about water usage. You know, they had these little maps. And I was more confused than when I started.
Q. And you are referring to the handout they gave at the hearing?
A. Yes. I didn't really have a chance to look at this before the meeting. So it was -- I went home and read it and was looking at it and I'm going, well, none of this makes sense. Then they are saying, okay, well, but look, we are decreasing your rate but you are already still -when they decrease it, we're still highest on the list.

> I mean, yeah, a lot of concerns. We have issues with sewer rates since we moved in there. It has been screwy -- I mean because we went up to Platte County the first year we lived here.
Q. Did you?
A. Yeah. And there was -- because we were having problems with the billing service. And I don't remember what they all were now.
Q. Right.
A. I know my husband again he went up there and talked to them. And then they -- and that was when they were on the old system of billing and now they are on a different system of billing. So that, the problems they have with that have changed but that's still, you know, high rates.

So anyhow the problems we've had with the calcium deposits, bottom line it made us more concerned about all these other problems and aware of.

The other thing that concerned me about this water company was that they said, okay, we're publicizing this, we're opening this up for meetings at, you know, 11:00 in the middle of the business day. Who can come to those kind of meetings if you work? And most people do. I mean it was like -- and it really wasn't publicized. They claimed that they -- it was put out in the mail. I don't know that \(I\) ever got it or if it was stuck in a water bill or something, I never saw it. So I mean I'm not sure communication is all that great.
Q. Grass roots?
A. But anyhow, yeah, our concerns aren't a

1 lot of them, but a big concern is this calcium 2 issue, number one, safety. And, number two, we 3 are talking thousands and thousands of dollars of 4 ongoing problems with appliances and toilets and 5 water lines. There is a lot of water lines in a 6 house. 11 temperature. And that's \(\$ 700\) to fix. So we are 12 living with it.
Q. Have you replaced any appliances?
A. We have gone through two dishwashers. Our refrigerator right now, the little computer system doesn't work on it to control our

Whether this is caused by the clogging or not, we're finding out this stuff is causing problems. We had a manufacturer completely replace the garbage disposal. We took it out, put in a new one. And again I don't know if it was caused by clogging problems or not. It seems to be -- I think this is why we were having all these problems.

We're having problems with our high-flush, high-pressure flush toilets. I mean we have spent all this money when we bought this home and trying to go environmentally, you know. And but you -- this clogging, this sediment, we

1 have been told that's a problem with our toilets. So the showers. The shower heads, replacing shower heads all the time in every shower. And we only use one shower rarely so...

But the kitchen faucet, we are on our third \(\$ 700\) faucet. You know, we did that touch-to-touch technology.
Q. Oh, wow.
A. Those are expensive. And so now we are off -- we had the third one replaced. The company Delta sent us a different one to try. But again now that we are realizing that -- we had gone to the manufacturer thinking there was a problem with the product, but we now know it was always clogging up and causing all these different issues.

So everything needs to be flushed out. Of course, it's difficult to get to the water lines in the washer, washing machine. And you just run our tub in our bathroom and let the water drain out and you will have sediment all over the bottom of the tub. It's really not fun to take a bath with that.
Q. You don't want to take a bath?
A. You don't want to take a bath, no. So
there again you are sitting with a big whirlpool tub that you don't want to use.

I mean it's just -- and we don't have children. If I had kids and was having to put them in this water and stuff I think I would be really worried, especially for bathing. You know, is it doing something to their skin or not.
Q. Yes. What is it?
A. I mean the water company did say it's calcium.
Q. Okay.
A. We said, our response is but how do we know? Which is why we are getting the water tested. We are not drinking it right now. We are buying, bottled water, which we do have filters on everything but I'm not sure that's doing the job either.
Q. Yes, with this type of problem --
A. It's everywhere.
Q. It's like a cancer.
A. And one week in the kitchen faucet the water pressure is gone. We have to pull it and clean it. Then we get our water pressure back. But one week.
Q. And how long has this been going on?
A. Oh, gosh. This started probably about two to three years ago. But again we didn't realize that's what it was. It's taken us that long to finally figure out, oh, my gosh, look at all this crud building up.
Q. How long have you been working with Missouri-American Water and talking to them about the problems?
A. Just the last few months.
Q. Just the last few months.
A. Yeah.
Q. And do you all have a Eacebook page, too, for your neighborhood on this issue or just general?
A. We have a general Montebella Eacebook that I put out the information from the meeting. Not every -- I don't know that every neighbor does it but there is a Facebook but a large number of them do.
Q. Have other neighbors gone on and said they had a problem, too?
A. Other neighbors have said they had a problem. A number of them said they have put in water softening systems and they seem to feel that they are working okay.

Emerald Court Reporting, LLC
Q. Could I join that Facebook group, your Montebella Facebook group?
A. Yeah. I don't know how you do it though.
Q. Do you know what the name of it is?
A. It's Montebella. Pam Lombardo I believe is -- let me send a message to her.
Q. Is it all one word or separate?
A. I don't know for the Facebook page whether she has it down as two. The subdivision is two words, Montebella, but I don't know if she has got it down as one or two.
Q. Okay.
A. Do you have an email and I can have her -- I'll have her email you and see. They are keeping it as private to residents.
Q. Yes, just for purposes of information for the rate case here.
A. Yes, exactly. So let me -- I'll go home and send her a message.
Q. Okay. That would be great.
A. See if she would contact you and let you know how to kind of join.
Q. That way or if somebody can go on and -- you know, one question \(I\) would ask is those
people who have changed to water softeners start tracking them. Who are they, where do they live, their address. Because as you said, if it's a short-term issue because you have been there longer, if it has caught up with you or not, or they don't know what to look for.
A. Exactly.
Q. What else have they checked? Are they as thorough and have you gone through the questions so that it's more than just not feeling like you haven't washed off?
A. And Sue said because she went -- since we were having all our problems, they took their faucets apart and she is getting a dark sediment. We don't have a dark sediment or whatever. They don't want you to use the word sediment I guess. I'm not sure why. Probably because it has to do with dirt is my guess.
Q. Probably a good guess.
A. But anyhow it sounds like there is a number of -- I was really disappointed they didn't show up tonight because it sounds like there are a large number of neighbors that do have problems and issues one way or the another.
Q. Yes. So what I had hoped to be able to
get is just identify who they are and the extent of the problem. And if they want to be confidential, that's fine, but if I need to get ahold of them or a commissioner needs to, because the question will be from the company is it an isolated problem? Is it anecdotal? Or is it illustrative of a bigger problem?
A. Right. Well, and I also know that Thousand Oaks, they have got people over there having issues.
Q. Right.
A. And I think somebody said Riss Lake is having them.
Q. Yes, I heard that as well. So the more people we can have that will identify what they have.
A. Right.
Q. And I don't want anybody to make anything up or exaggerating.
A. Right. It sounds like it's a lot bigger problem than most of us are assuming. Went into this thinking it was just us, you know, like we started out thinking.
Q. Hard water issue?
A. Well, we didn't even think water. We
were thinking it was appliances. They don't make things like they used to.
Q. Anything else?
A. No. I hope that does it.
Q. Okay. Well, thank you very much.
A. Thank you.
(Discussion off the record.)
A. Well, this is just something that happened last week at the meeting. The gal that was the head of it, said she was president of something for the water company, the one that was the main spokesperson.
Q. Yes.
A. Well spoken, that type of thing. She said, just made a reference to \(I\) think things are going to be much better now that scott is running or is in charge of stuff.
Q. Oh.
A. Now, I'm just inferring that there is problems within this company beforehand and they have brought in new management or what. I mean it's just from --
Q. Yes. I don't know.
A. You know what I'm saying?
Q. I hear what you're saying though.
A. Okay.
Q. I hear what you're saying.
A. So --
Q. It could go a couple of different ways.
A. So it sounds like something, there has been stuff going on.
Q. Yes. It's unusual that a problem like this, this calcium scaling has gone on for four years and nobody has a solution yet or really is aware of the extent. Seems to me like the least they could do is do an inquiry of all the neighbors, a questionnaire.
A. Yes.
Q. Start there.
A. And, you know, it's one thing because, you know, they said, well, it's part of the processing that's naturally -- calcium is naturally in the stone and all that. Yeah, but to the point where it clogs everything up that you can't -- you know, your residential, your own personal infrastructure is nonusable and destroying expensive stuff.
Q. So if you could, all the documentation you have I would like copies of. I don't need your water bill. If you also have some type of a
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1 summary description of personal costs of
2 appliances, replacements --

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13 7:00 p.m.)
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11 18, 2016.
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Examination Under Oath Tyson Bundy

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BEFORE THE PUBIIC SERVICE COMMISSION
OF THE STATE OE MISSOURI
In the Matter of Missouri-American
Water Company's Request for
Authority to Implement a General
Rate Increase for File No.
Water and Sewer Service
WR-2015-0301
Provided in Missouri Service Areas
SWORN STATEMENT OF: TYSON BUNDY
DATE: February 11, 2016
LOCATION:
City Hall
Riverside, Missouri
\[
\begin{array}{ll}
\text { EXAMINER: } & \text { MR. JOE BEDNAR } \\
& \text { SPENCER FANE } \\
& 304 \text { East High Street } \\
& \text { Jefferson City Missouri }
\end{array}
\]
COURT REPORTER: Angie Sherwood, RPR, CSR, CCR
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Examination Under Oath Tyson Bundy
2 p.m.)

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(The proceedings commenced at 7:08
TYSON BUNDY,
being first duly sworn, testified under oath as follows:
EXAMINATION
BY MR. BEDNAR:
Q. How are you doing?
A. Good.
Q. I'm Joe Bednar.
A. Hey, Joe.
Q. And your name?
A. Tyson Bundy.
Q. Okay. And how do you spell your last name, Tyson?
A. $\quad B-U-N-D-Y$.
Q. I think I explained a little bit of why I am here tonight. We are in the midst of a rate case with Missouri-American.
A. No. I didn't know exactly why. I thought they were preparing something.
Q. I've been hired by the city to represent the City of Riverside. We had what was called an intervention where Missouri-American Water Company has to go to the Public Service

1 Commission to ask for a rate increase, if they
2 want a rate increase.

And then it's open to the public to intervene. You have to make a case of why you should intervene. And the City of Riverside has intervened the last four cases in the last ten years because of the exorbitant rates, the increases that we have seen for such a small district.

So in the course of the public hearing last week that was held here at city hall, one of the issues that came up was water quality, calcification, scaling in some of the homes causing damages to appliances. So the mayor thought it would be a good idea to have a town hall meeting tonight for those who couldn't make that earlier hearing. And if people wanted to add statements on the record, we're going to add this testimony to her testimony as an exhibit to make sure the commission is aware of the extent of the problem as best as we can advise them.
A. All right. I wasn't here last week. My wife came. It's my turn today. She told me it was my turn today.
Q. I know how that works. Have you been

1 having issues with --
A. Yes. So what I had told the council is we moved in in December of '08. One of the first residents in Montebella.
Q. Great subdivision by the way.
A. Yes, I love it. It's great, great neighbors. But the water pressure today is noticeably lower than it was when we moved in. I am not sure what the reason was for that so I posed some questions to the council. I wasn't sure if it was just the number of users down the line. If the main wasn't sized properly. If the elevation of the subdivision wasn't accounted for in the water system design. Something. Or the calcium buildup causing issues.

That's been a complaint of the other residents. I live on the same street as Mary who was in here previously and some other people. I've had calcium come through, had to clean out the faucets. I had to replace a couple of faucets, not to the degree some other people have.

But, you know, it's not great. It's a nuisance more than anything. Hasn't cost me a lot of real money but I have to change all

1 the toilet flaps. It's a six-year-old house and
2 it seems like something you shouldn't have to do
3 to that young of a house.
Q. How much do you think you have spent?
A. Oh, I mean maybe 200 bucks.
Q. No major appliances yet?
A. No. No major appliances yet. We bought a new washer and dryer but that was -- I don't believe it was caused by anything from the water. We wanted a new one. The others were still fine.
Q. Front loader.
A. The water on our icemaker $I$ think is okay but it comes out really, really slow out of the door. I don't know if that's supposed to be that way or not. It goes through such a small line to get there.

You know, my problems aren't as extensive as the other people that testified tonight, but it's a problem. It is a nuisance. You know, more than anything to me it's the pressure bothers me the most.
Q. Okay. Anything else?
A. Yeah. The water usage, what I told the council didn't seem to align as you would expect

[^0](913) 383-2400

1 it to seasonally. You would expect to spike with summer watering the lawn. There is spikes in the winter months that don't jive with anything that I can tell.

So I questioned on how, you know, they read the meters and if they projected costs versus doing actual readings or what they do. And then if the calcium issues were possibly affecting the meters was a question I raised. I didn't know.

## The mayor from Platte Woods

 testified after me and talked about the snow actually affecting their meters and they read two or three times higher when there was snow on the ground because of the type of meters they had.These are things to investigate in your case. It does seem to me to pay more for your sewer bill than your water bill seems wrong. I'm one of the 105 --
Q. How did that happen?
A. -- doesn't pay the city. We pay the other guy.
Q. You have no idea how that happens.
A. Just the magic demarcation line. It's just what territory is considered there and I

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Examination Under Oath Tyson Bundy
    1 understand how stuff comes about. It just doesn't
    2 seem right.

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Examination Under Oath Ray Uhl
(The proceedings commenced at 7:02 p.m.)

RAY UHL,
being first duly sworn, testified under oath as follows:

## EXAMINATION

BY MR. BEDNAR:
Q. Would you state your full name for the record.
A. Ray L. Uhl.
Q. How do spell your last name?
A. $\mathrm{U}-\mathrm{H}-\mathrm{L}$.
Q. U-H-I. And you are here tonight. We're talking to folks about issues that they may have with the Missouri-American Water Company rate case.
A. Yes.
Q. So we haven't talked before tonight, have we?
A. No, no, we have not.
Q. So why don't you just go ahead and tell me what your concerns are.
A. Main concern was the water pressure. I live at 4524 Northwest Apache Drive and the water pressure there ever since we moved - that was in

1 probably about 1998 - it's never been real good.
2 It's just -- in the summer like you go to wash
3 your car or something there is no power, no pressure really. You know, just low pressure to probably sum it up without elaborating, just low pressure.
Q. Okay. And so in what neighborhood is that?
A. Indian Hills. It's the newer addition of Indian Hills built and developed around '96 I guess through '98, in there.
Q. So how old is your house then?
A. Yeah, probably about 15, 20 years old.
Q. Okay.
A. All of them are in there. I think it's phase 3 they called it. Jim Pedley did the developing down in there.
Q. Okay. And so you've had -- has the water pressure always been an issue?
A. Yeah, it has. Just because like I have a house in Kansas City, Kansas, and it will blow your hands off.
Q. Really?
A. I mean it's just good water pressure. Just different places you have been to people's

1 houses, Kearney, somewhere, you wash your hands
2 and everything, you just feel that pressure there.
3 Here even though it comes out there is not that 4 pressure. It's hard to explain but you know what

5 I mean.
Q. Have you talked to the company about it?
A. No. This is the first I've brought it up, yes. That's one of the main reasons I did come down because they were having the meeting and thought, well, this might be a good time to express that. This is working out better yet.
Q. And so any other neighbors complain about it as well?
A. I think Mr. Stottery out there had talked about his wasn't real good. And I don't visit a whole lot with a lot of the other ones. You know, hi, how are you, but to not really get into those issues. He is right next door to me. So probably, you know.
Q. And are you on a hill? Bottom of the hill?
A. Actually you come down into the lower part of the cul de sac. So it would be in the lower part.
Q. Lower part, okay.
A. I don't know if you are familiar with it. Like you come down Pawnee. Then you take the left and go down into the little small cul de sac there and then you go right on down. And way on down the very bottom and I set up on the hill down there around the cul de sac.
Q. Anything else you want to talk about?
A. No. That's about it. I would say that's the main issue.

And then I guess just wondering why as long as we're talking about it, why that sewer charge is so much higher and how we got tied up in that. And then I got where they want to put a 20 percent increase in and that just seems a little high. Myself, and again I don't know, but I think they work on -- I'll just say they have got a pot and if New York needs something, this state needs something, they work out of that. And so if Riverside -- I mean if somebody is saying -I'll just say Minnesota spent 50 million, well they might have to dig down here to Riverside to get that.

I probably don't have that 100 percent, but that's sort of, you know, how I
understood that from one of the other meetings we had. Whether that's good, bad, or indifferent, I don't know.
Q. What do you do for a living?
A. I'm retired. I was an accountant for an oil company for 30 years.
Q. Your income doesn't go up 20 percent a year?
A. No. Now, with things like my savings is probably going to go down 20 percent a year. You have your IRAs. I mean I understand things, but that just seemed a little excessive all at once, you know, they mentioned that. So I don't to be to decipher.
Q. That's right. I appreciate it very much.
A. You bet.
(The proceedings concluded at 7:06 p.m.)

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Angie Sherwood Certified Court Reporter KS \#1309, MO \#814


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