Exhibit No.:

Issue(s): Cash Working Capital, Building

Maintenance Expense, Hydrant Painting, Main Break Expense, Maintenance Supplies and Services Expense,

Miscellaneous Expenses, Tank Painting Expense, Valve Maintenance Expense, Insurance Expense, Injuries and Damages Expense, Lease Expense,

Transportation Expense, Telecommunications Expense, Waste Disposal Expense

Witness: Angela Niemeier
Sponsoring Party: MoPSC Staff
Type of Exhibit: Direct Testimony
Case No.: WR-2022-0303

Date Testimony Prepared: November 22, 2022

# MISSOURI PUBLIC SERVICE COMMISSION

# FINANCIAL AND BUSINESS ANALYSIS DIVISION AUDITING DEPARTMENT

#### **DIRECT TESTIMONY**

**OF** 

**ANGELA NIEMEIER** 

MISSOURI-AMERICAN WATER COMPANY
CASE NO. WR-2022-0303

Jefferson City, Missouri November 2022

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1		DIRECT TESTIMONY OF	
2		ANGELA NIEMEIER	
3		MISSOURI-AMERICAN WATER COMPANY	
4		CASE NO. WR-2022-0303	
5	Q.	Please state your name and business address.	
6	A.	My name is Angela Niemeier, 200 Madison Street, Jefferson City, MO 65101.	
7	Q.	By whom are you employed and in what capacity?	
8	A.	I am employed by the Missouri Public Service Commission ("Commission") as	
9	a Senior Utility Regulatory Auditor.		
10	Q.	Please describe your educational background and work experience.	
11	A.	I have been employed with the Commission since January 2019. In 2000,	
12	I completed	a Bachelor of Health Science (BHS) Radiologic Sciences degree from the	
13	University of	Missouri. In February 2020, I completed a Master of Business Administration	
14	(MBA) degre	e from Columbia College.	
15	Q.	What are your responsibilities with the Commission?	
16	A.	My responsibilities include conducting audits and examinations of regulated	
17	utility compa	nies in the State of Missouri.	
18	Q.	Have you previously filed testimony before this Commission?	
19	A.	Yes. I have attached a list of the cases in which I have filed testimony before	
20	this Commiss	ion as Schedule AN-d1.	
21	Q.	With respect to Case No. WR-2022-0303, have you made an examination of the	
22	books and rec	cords of the Missouri-American Water Company (MAWC)?	
23	A.	Yes, with the assistance of other members of Commission Staff ("Staff").	

- Q. What knowledge, skills, experience, training, and education do you have in the areas of which you are testifying as an expert witness?
- A. Since beginning employment with the Commission, I have assisted, conducted, and examined the books and records of electric, gas, water, and wastewater utilities in many cases before the Commission. In addition, I have received continuous training on technical ratemaking matters, including the National Association of Regulatory Utility Commissions ("NARUC") Rate School in 2021. For this rate case, I have reviewed the prior workpapers, prior cases, prior testimony, and data presented by MAWC on these issues.

#### **EXECUTIVE SUMMARY**

- Q. What is the purpose of your testimony in this case?
- A. The purpose of this testimony is to provide Staff's recommendations for cash working capital, building maintenance expense, hydrant painting (maintenance expense), main break expense, maintenance supplies and services expense, miscellaneous expenses, tank painting expense, valve maintenance expense, insurance expense (other than employee group insurance), injuries and damages expense, lease expense (rents), transportation expense, telecommunications expense, and waste disposal expense.
- Q. Did Staff review each of the above expenses independently to provide an annualized cost for each expense?
- A. Yes. For each of the expenses mentioned above, Staff reviewed the test year, the two-year average, the three-year average, and in some instances a five-year average. Staff reviewed these different time periods in order to determine if the test year expense level was abnormally low or high. Staff then compared these to a scatter graph of historical costs for each issue and selected the one that best represented a normal on-going level of expense.

#### **CASH WORKING CAPITAL**

- Q. What is the significance of cash working capital (CWC) on rate base?
- A. CWC is the amount of funding necessary for a utility to pay the day-to-day expenses incurred in providing utility services to its customers. When a utility expends funds to pay for an expense necessary to the provision of service before it receives any corresponding payment for that expense from the ratepayers, the utility's shareholders are the source of the funds. This shareholder funding represents a portion of each shareholder's total investment in the utility. The shareholders are compensated by the inclusion of these funds in rate base. By including these funds in rate base, the shareholders earn a return on the CWC-related funding they have invested.

Ratepayers supply CWC when they pay for services received before the utility pays expenses incurred in providing that service. Ratepayers are compensated for the CWC they provide by a reduction to the utility's rate base. By removing these funds from rate base, the utility earns no return on that funding which customers supplied as CWC.

The amount of CWC included in rates is based on the results of a lead/lag study.

- Q. What is a lead/lag study?
- A. The lead/lag study involves analysis of the timing of when funds are paid to suppliers and when the utility receives the goods or services, compared to when the utility receives revenues from customer bills for the utility services it provides. Analysis is also performed for pass-through expenses where funds are collected and remitted such as sales taxes and employee payroll withholdings. The lead/lag study results in either a negative or positive CWC requirement.
  - Q. What does it mean when the CWC requirement is negative?

Staff's accounting schedules.

A negative CWC requirement indicates that ratepayers provided the working 1 A. 2 capital in the aggregate during the test year. This means that ratepayers provided the necessary 3 cash, on average, before the utility must pay for expenses incurred to provide that service. Under 4 this circumstance, CWC would represent a reduction to rate base. 5 What does it mean when the CWC requirement is positive? Q. A positive CWC requirement indicates, in the aggregate, that shareholders 6 A. 7 provided the cash necessary during the year. This means that the utility must pay, on average, 8 for the expenses incurred in providing service before ratepayers pay for that service. Under this 9 circumstance, CWC would represent an increase to rate base. 10 Q. Did MAWC conduct a full lead/lag study for this case? 11 A. Yes. MAWC hired Gannett Fleming Valuation and Rate Consultants, LLC to 12 perform four lead lag studies to determine the CWC requirement. 13 Q. How did Staff review the lead/lag study performed by the outside consultant? 14 A. Staff reviewed the sampling of invoices and general ledger entries used in the 15 study to verify the dates to determine that the revenue lag, expense lag, and net lag were 16 appropriate. Is sampling appropriate for a CWC study? 17 Q. 18 Yes. The lead/lag study reviewed 38 expense categories. Due to the large A. 19 number of categories, it is appropriate to use a sampling to determine the CWC requirement. 20 Q. Please explain the components of the CWC calculation found on Schedule 8 of

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Factor (Column F).

A. Components of Staff's CWC calculation are as follows: 1 2 1) Account Description (Column A): lists the types of cash expenses that MAWC 3 pays on a day-to-day basis. 4 2) Annualized Expenses (Column B): provides the amount of Staff's recommended 5 annualized expense included in MAWC's cost of service. These expenses are based on the 6 dollars associated with those items on an adjusted jurisdictional basis according to the 7 account description. 8 3) Revenue Lag (Column C): indicates the number of days between the midpoint 9 of the provision of MAWC's service and the ratepayer's payment for such service. The 10 revenue lag consists of three components: usage lag, billing lag, and collection lag. The 11 usage lag is the midpoint of the average time elapsed from the beginning of the first day of 12 the service period through the last day of that service period. The billing lag is the period 13 of time between the last day of the service period and the day MAWC places the bill for 14 that service in the mail. The collection lag is the period of time between the day MAWC places the bill in the mail and the day it received payment from the ratepayer for the 15 16 services provided. 17 4) Expense Lag (Column D): indicates the number of days between the receipt of, and payment for, the goods and services (i.e., cash expenditures) used to provide service 18 to the ratepayer. 19 20 5) Net Lag (Column E): results from the subtraction of expense lag from the 21 revenue lag. 22 6) Factor (Column F): expresses the CWC lag in days as a fraction of the total days 23 in the test year. This is accomplished by dividing the Net Lags in Column E by 365. 24 7) CWC Requirement (Column G): depicts the average amount of cash necessary

to provide service to the ratepayer. This is computed by multiplying Column B by CWC

- Q. Does Staff agree with the outside consultants lead/lag study results?
- A. Staff agrees that the results of the sampling supports the revenue and expense lags presented by the consultant. Staff verified the calculations of the consultant's lead/lag study. Using the same sampling of invoices, Staff reviewed MAWC's invoices, services dates, and paid dates. Then, for each district, Staff applied individual annualized amounts for expenses for June 30, 2022, to the net lead/lag for each expense. However, the consultant applied pro forma for 12 months ending May 31, 2023, for annualized amount for expenses to its study.
  - Q. Please discuss the results of the lead/lag study.
- A. The revenue lag was determined to be 45.7 days, while the individual expense lead/lag ranged from negative 68 to a positive 214 days. The net lead/lag ranged from negative 168 to a positive 114 days. The overall result is a negative CWC requirement, meaning that ratepayers are providing cash for the expenses incurred in providing service before ratepayers pay for that service. Under this circumstance, CWC would represent a decrease to rate base.

#### **BUILDING MAINTENANCE EXPENSE**

- Q. Please explain building maintenance expense.
- A. These are expenses related to electricity, grounds keeping, heating oil/gas, janitorial, security, trash removal, and water/wastewater for building maintenance.
  - Q. What methodology did Staff use to determine building maintenance expense?
- A. Staff reviewed and analyzed invoices MAWC provided in response to Data Request (DR) No. 0134. Staff compared test year data, the two-year average, and the three-year average to actual building maintenance costs MAWC incurred since 2018. The data demonstrates a steady increase in building maintenance expenses since 2018.

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- Q. In the previous rate case, Case No. WR-2022-0344, Staff received building 1 2 maintenance invoices that included unrelated invoices for maintenance expense. Did Staff have 3 similar issues with building maintenance in this rate case? No. Staff's analysis demonstrated a clear division between maintenance supplies 4 A. 5 and services and building maintenance. Q. 6 What is the appropriate amount of building maintenance expense to include in MAWC's cost of service? 7 8 A. The appropriate amount of building maintenance expense is \$1,363,350. This 9 represents a three-year average of building maintenance costs. 10 Will Staff be addressing building maintenance expense as part of its true-up Q. 11 calculations? 12 Yes. Staff will update it calculation for this expense through the true-up cutoff, A. 13 which is December 31, 2022. 14 **HYDRANT PAINTING** 15 Q. Please explain hydrant painting (maintenance expense). 16 A. MAWC has numerous fire hydrants in its service territories. Hydrant 17 maintenance includes inspection of its appearance, ensuring the hydrant is operating properly 18 (flushing), hydrant painting, and other maintenance activities. The primary purpose of hydrants 19 is for public safety to suppress fires. It is critical that hydrants be inspected and operated 20 regularly to ensure they will perform as expected in an emergency. MAWC has a Hydrant
  - Q. Please explain the background of MAWC's Hydrant Maintenance Program.

Maintenance Program for ongoing maintenance of its hydrants.

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1	A. MAWC witness William Andrew Clarkson discussed in his direct testimony in
2	Case No. WR-2017-0285, that MAWC developed a Hydrant Maintenance Program
3	("Program") that increased the level of hydrant inspections from once every two years to every
4	year, with the goal of increasing hydrant painting to approximately 2,000 hydrants per year and
5	implementing annual flushing of the system. MAWC planned to flush its system annually by
6	flushing every other hydrant in the system each year (rotating the hydrants flushed each year),
7	which is nearly 22,000 hydrants. The Program was also to include routine hydrant painting.
8	If painting is not done consistently, hydrants can develop surface corrosion that not only looks
9	bad but can lead to performance problems in the long term. MAWC planned to paint each
10	hydrant every 20 years, or approximately 2,000 hydrants each year. At the Program's inception,
11	some hydrants contained lead-based paint that had to be removed and disposed of in compliance
12	with regulatory requirements. MAWC planned to engage a third party contractor with hydrant
13	painting experience to perform hydrant painting for MAWC. <sup>1</sup>

- Q. Could Staff make an adjustment to hydrant maintenance and painting expense in MAWC's last rate case (Case No. WR-2020-0344)?
- No. Before 2020, MAWC did not separate hydrant maintenance and painting A. expense from other maintenance expenses. Therefore, in MAWC's last rate case, Staff was unable to normalize MAWC's actual hydrant maintenance and painting costs using historical data and program schedules in order to determine the amount of expense to include in the cost of service. Staff recommended in Case No. WR-2020-0344 that MAWC start recording these costs separately from other maintenance expenses.
  - Q. Did MAWC implement Staff's recommendation to separate hydrant costs?

<sup>&</sup>lt;sup>1</sup> Direct Testimony of William Andrew Clarkson, WR-2017-0285, page 25-26.

Yes. In 2020, MAWC began using a unique coding to record hydrant expenses. A. 1 2 Therefore, Staff could separate these costs in the current case. 3 Q. What is the appropriate amount of hydrant maintenance and painting to include in cost of service? 4 5 MAWC began using the unique identifier in 2020. Therefore, Staff was able to A. 6 analyze hydrant maintenance in this rate case. Staff analyzed these costs and determined that 7 the test year best reflects the ongoing cost for hydrant maintenance and painting expense. 8 Q. Will Staff address hydrant maintenance and painting expense as part of its 9 true-up calculations? 10 A. Yes. Staff will update its calculation for this expense through the true-up cutoff, 11 December 31, 2022. 12 MAIN BREAK EXPENSE 13 Q. Please explain main break expense. 14 A main break occurs when a water pipe (main) breaks and/or separates A. 15 completely, or a leak is detected which requires a portion of the main to be repaired or replaced. 16 The number of main breaks and the cost associated with repairing these breaks fluctuates. Q. 17 What is Staff's recommendation for the appropriate amount of main break 18 expense to be included in the cost of service? 19 A. Since these costs fluctuate, Staff determined a three-year average was 20 reasonable. The appropriate amount to include for main break expense is \$3,575,046. 21 Will Staff be addressing main break expense as part of its true-up calculations? Q. 22 A. Yes. Staff will update its calculation for this expense through the true-up cutoff, 23 December 31, 2022.

#### MAINTENANCE SUPPLIES AND SERVICES EXPENSE

- Q. Please explain maintenance supplies and services expense.
  - A. Maintenance supplies and service expenses are the costs MAWC incurs for ongoing maintenance supplies, miscellaneous maintenance, miscellaneous maintenance permits, and contract service expenses.
  - Q. Has Staff had concerns with the data for maintenance supplies and services expense that MAWC recorded in the past?
  - A. Yes. As described above under the heading Hydrant Painting, in addition to the items mentioned above, MAWC also recorded expenses for main breaks, hydrant maintenance and painting, and tank painting in its maintenance and supplies services accounts. This continued until 2020 when MAWC started using unique coding to separate hydrant costs from the other maintenance supplies and services expenses. Therefore, Staff is comfortable with the separation of data from 2020 through June 30, 2022. For this reason, Staff included a two-year average of these costs is MAWC's cost of service.
  - Q. What is the appropriate amount of maintenance supplies and services expense to include in cost of service calculation?
  - A. Staff used a two-year average to arrive at \$3,149,538 for maintenance supplies and services expense.
  - Q. Will Staff address maintenance supplies and service expense as part of its true-up calculations?
  - A. Yes. Staff will update this expense through the true-up cutoff, December 31, 2022.

#### **MISCELLANEOUS EXPENSES**

- Q. Please explain miscellaneous expenses.
  - A. These are miscellaneous expenses that MAWC records in several miscellaneous operating accounts, such as account 52554500 for Lab Supplies and account 52556500 for Low Income Pay Program.
    - Q. Does Staff recommend any adjustments for these accounts?
  - A. Yes. Staff reviewed the miscellaneous accounts related to maintenance expense. Staff removed a portion of the expenses MAWC separated out for engineered coating, which is another name for tank painting. An adjustment was made to remove a portion of tank painting expense from miscellaneous expenses and a corresponding adjustment was made to add that amount to maintenance expense for tank painting. After removing that portion marked by MAWC for tank painting for the years 2019 through 2022, Staff calculated a three-year average for accounts related to miscellaneous expenses. Finally, Staff removed from miscellaneous expenses the amount listed as Low Income Pay Program, which is a charitable contribution. MAWC workpapers for miscellaneous expenses also removed this program.

#### TANK PAINTING EXPENSE

- Q. Please explain tank painting expense.
- A. Tank painting is the cost of maintaining a water storage tank. These costs include routine tank inspections and tank painting maintenance costs.
- Q. Did Staff make an adjustment for tank painting expense? If so, please explain that adjustment.
- A. Yes, Staff adjusted tank painting expense using a five-year average of tank painting and inspection costs for the five 12-month periods ending December 31, 2021, to

- determine a normalized level of \$1,799,919 for tank painting and inspection expense. Staff
- 2 | allocated the normalized tank painting and inspection expense by using an allocation factor
- determined by the square footage of the tanks in each district.

#### VALVE MAINTENANCE EXPENSE

- Q. What are valves?
- A. Valves are mechanical devices in or attached to pipelines to control flow. Valves are used to isolate sections of water mains, isolate fire hydrants, isolate customer connections, regulate pressure, flush mains, etc.
  - Q. What is the purpose of valve maintenance?
- A. Valve exercising is a maintenance procedure in which the valves are operated to ensure they are functioning properly. Routine valve inspection and operation minimizes the potential duration and scope of service disruptions when a main break occurs. When MAWC repairs a main break, it first has to isolate the area by closing off certain valves. If the nearest valve to the main break does not work, workers will need to continue searching for operable valves in order to stop the flow of water, isolate the main break, and begin making repairs. Every time a valve is found to be inoperable, crews have to expand the shutdown area and operate another three or more valves to isolate the break. This not only increases the time it takes to repair the main break, but also increases the length of time service to customers may be impacted as well as the potential number of customers whose service is affected because a larger area had to be isolated in order to make the repairs.
  - Q. Please briefly describe valve maintenance.
- A. Valve maintenance consists of exercising (opening and closing) the valves in order to make sure they are working properly. If a valve needs to be repaired or replaced, it is

to be reported to MAWC and then it is scheduled to be repaired or replaced. Prior to the time of MAWC developing a valve maintenance program, valves were only exercised during repair of a main break, main leak, or if a main was being moved or replaced. Prior to the implementation of the program, when a main break occurred, there were times when several valves would be checked in order to block off water flow from a main break or leak before repairs could be started.

O. Is Staff able to isolate the cost of valve maintenance?

A. No. In Case No. WR-2020-0344, Staff recommended that the Commission order MAWC to begin isolating non-labor valve maintenance costs in the general ledger using a unique coding that could be referenced in future rate cases.<sup>2</sup> In a pre-rate case meeting with MAWC in preparation for the current case, Staff learned that MAWC could not isolate these valve maintenance costs from other maintenance expenses. MAWC also explained this in its response to DR No. 0072. MAWC reports that often, main breaks and valve repairs occur together and at this point there is no way to separate these costs. Staff is unable to separate valve maintenance from other maintenance accounts. Thus, they will be adjusted with the other maintenance expense accounts.

#### **INSURANCE EXPENSE**

- Q. Please describe insurance (other than employee group insurance) expense.
- A. Insurance expense is utilities' cost of protection, obtained from third parties, against the risk of financial loss associated with unanticipated events or occurrences. Utilities, like non-regulated entities, routinely incur insurance expense to minimize their liability (and potentially, that of their customers) associated with unanticipated losses.

 $<sup>^2</sup>$  Case No. WR-2020-0344, Christopher Caldwell Rebuttal Testimony, page 3, line 16.

1	Q.	Please explain Staff's calculation of MAWC's insurance expense.
2	A.	Staff annualized this expense by using the most recent insurance premiums and
3	allocations M	IAWC provided in its workpapers. Staff multiplied the amount of each allocated
4	insurance pre	emium by the applicable operations and maintenance (O&M) expense percentage.
5	For example,	Staff used the payroll O&M percentage to determine the expense portion of the
6	workers' con	npensation insurance premium.
7	INJURIES A	AND DAMAGES EXPENSE
8	Q.	Please describe injuries and damages expense.
9	A.	Injuries and damages represent the portion of legal claims against MAWC that
10	are not subject	et to reimbursement under MAWC's insurance policies.
11	Q.	Did Staff make an adjustment to MAWC's injuries and damages expense?
12	A.	Yes. Staff reviewed historical data of actual payments for injuries and damages.
13	MAWC's wo	orkpaper for injuries and damages, along with its response to DR Nos. 0067 and
14	0068, demon	strate that damages have been awarded for *** ***. MAWC removed
15	this amount f	from test year; Staff agrees with this treatment and made that adjustment to remove
16	this accrual s	ince it has not been paid.
17	LEASE EXI	PENSE (RENTS)
18	Q.	Please describe lease expense.
19	A.	MAWC incurs lease expense for rental of buildings, transportation, and
20	heavy equipm	nent and for other day-to-day business needs such as copy machines, postal
21	equipment, e	tc.
22	Q.	Did Staff make adjustments to lease expense?
23	A.	Yes. Staff removed all expenses with non-renewed contracts as of June 30, 2022.

1	Q.	What is the appropriate level of lease expense to include in the cost of service
2	for lease expe	nse?
3	A.	The appropriate level of lease expense to include in the cost of service is Staff's
4	annualized lea	use expense of \$285,316. This amount reflects test year minus expired leases and
5	non-recurring	reclassified items.
6	TRANSPOR'	TATION EXPENSE
7	Q.	Please describe transportation expense.
8	A.	MAWC incurs transportation expense for the lease of vehicles and fuel for those
9	vehicles.	
10	Q.	Please explain the adjustment to transportation expense.
11	A.	The test year best reflects the current ongoing transportation expense in all
12	transportation	accounts except fuel. For the fuel account, Staff used an average of test year gas
13	per gallon prio	ces multiplied by the gallons used during test year to arrive at an annualized fuel
14	expense.	
15	Q.	What is the appropriate level of expense to include in the cost of service
16	calculation for	r transportation expense related to fuel?
17	A.	The appropriate level to include in the cost of service for transportation expense
18	related to fuel	is \$2,285,376.
19	Q.	Will Staff be addressing transportation expense as part of its true-up
20	calculations?	
21	A.	Yes. Staff will update its calculation for this expense through the true-up cutoff,
22	December 31,	2022.

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#### **TELECOMMUNICATIONS EXPENSE**

- Q. Please describe telecommunications expense.
  - A. Telecommunications expense consists of costs related to telephone, telemetering, cellphone, and data lines that MAWC utilizes as part of its day-to-day business.
    - Q. What did Staff's analysis of telecommunications expense reveal?
  - A. Staff's analysis of the expenses incurred for this issue demonstrates that due to the COVID-19 pandemic, 2020 is an outlier and inflates the average. Despite this, there is an upward trend in telecommunications expense. At this time, the test year best represents the ongoing level of telecommunications expense.
  - Q. Will Staff be addressing telecommunication expense as part of its true-up calculations?
  - A. Yes. Staff will update its calculation for this expense through the true-up cutoff, December 31, 2022.

#### WASTE DISPOSAL EXPENSE

- Q. Please describe waste disposal expense.
- A. Waste removal and disposal expenses are a result of the treatment of water and wastewater. Water treatment leaves behind a byproduct (sediment) that must be removed from the treatment facilities. The methods of removal and the cost vary by treatment facility.
  - Q. Did Staff discover non-waste disposal costs in waste disposal expense?
- A. Yes. Staff reviewed invoices for snow removal and porta-potty costs that MAWC reported in its general ledger account for waste disposal expense. Staff reached out to MAWC and MAWC verified that these costs should have been recorded in building

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- 1 maintenance expense. Staff removed these costs from waste disposal and added them to 2 building maintenance expense.
  - Q. What is the appropriate amount to include in cost of service for waste disposal expense?
  - A. When analyzing data, there is an upward trend in cost of waste disposal. The test year, minus the building maintenance costs mentioned above, best reflects the ongoing cost of waste management. The appropriate amount of waste disposal expense to include in the cost of service is \$3,979,114 based on the twelve months ending June 30, 2022.
    - Q. Does this conclude your direct testimony?
    - A. Yes it does.

#### BEFORE THE PUBLIC SERVICE COMMISSION

#### OF THE STATE OF MISSOURI

In the Matter of Missouri-American Water  Company's Request for Authority to  Implement General Rate Increase for Water and Sewer Service Provided in Missouri  Service Areas	No. WR-2022-0303		
AFFIDAVIT OF ANGELA NIEMEIER			
STATE OF MISSOURI ) ) ss. COUNTY OF COLE )	e		
COMES NOW ANGELA NIEMEIER and on her oath declares that she is of sound mind and lawful age; that she contributed to the foregoing Direct testimony of Angela Niemeier; and that the same is true and correct according to her best knowledge and belief.  Further the Affiant sayeth not.  ANGELA NIEMEIER			
JURAT			
Subscribed and sworn before me, a duly constituted and author the County of Cole, State of Missouri, at my office in Jefferson Cof November 2022.	City, on this day		

D. SUZIE MANKIN
Notary Public - Notary Seal
State of Missouri
Commissioned for Cole County
My Commission Expires: April 04, 2025
Commission Number: 12412070

Notary Public

### Angela Niemeier

#### **Present Position:**

I am a Senior Utility Regulatory Auditor, Auditing Department, Financial & Business Analysis Division of the Missouri Public Service Commission. As a Senior Utility Regulatory Auditor, I assist in research and analysis of the financial aspects of public utility operations.

#### **Educational Credentials and Work Experience:**

I completed a Bachelor of Health Science-Radiologic Science from the University of Missouri in 2000. In February 2020 I completed an MBA through Columbia College. I have completed 78 credit hours in business related classes; of these, 36 credit hours are specific to accounting and 48 credit hours are graduate level coursework.

#### **Case Participation:**

Company Name	Case Number(s)	Testimony/Issues
Liberty Utilities	WA-2019-0036	Certificate of Convenience and Necessity
Missouri American Water Company	WO-2019-0389	ISRS Recommendation
Confluence Rivers	WR-2020-0053	Fuel expense, Revenue, Miscellaneous Revenues, Property Tax, Payroll

# Cont'd Angela Niemeier

Company Name	Case Number(s)	Testimony/Issues
Empire District Electric Company- Electric	ER-2019-0374	Advertising, Amortization of Ice Storm, Customer Advances, Customer Deposits, Customer Deposits Interest, Materials and Supplies, Postage, Prepayments, PSC Assessments, Rate Case Expense, SWPA Payment Amortization
Elm Hills	WR-2020-0275	Fuel expense, Revenue, Miscellaneous Revenues, Property Tax, Payroll, Plant, Prepayments
Missouri American Water Company	WR-2020-0344	Building Maintenance and Services, Main Break Expense, Maintenance Supplies & Services Expense, Tank Painting, PSC Assessment
Liberty Utilities- Bolivar	WA-2020-0397 SA-2020-0398	Certificate of Convenience and Necessity
Empire District Electric Company- Electric	ER-2021-0312	Advertising, Amortization of Electric Plant and Depreciation Reserve, Amortization of Ice Storm, Credit Card Fees, Iatan/Plum Point Carrying Costs, Materials and Supplies, PeopleSoft, Postage Expense, Plant and Depreciation Reserve, PSC Assessments, Property Tax Expense, Rate Case Expense, SWPA Payment Amortization, Vegetation Management Expense
Empire District Electric Company- Gas	GR-2021-0320	Advertising, Amortization of Intangible Assets and Depreciation Reserve, Customer Payment Fees, Injuries and Damages and Worker's Compensation, Insurance Expense, Postage Expense, Plant and Depreciation Reserve, PSC Assessments, Property Tax Expense, Rate Case Expense, ROW Clearing Expense

# Cont'd Angela Niemeier

Company Name	Case Number(s)	Testimony/Issues
Missouri American Water Company- Garden City	WA-2021-0391	Certificate of Convenience and Necessity
TUK LLC	SM-2022-0131	Certificate of Convenience and Necessity
Missouri American Water Company- WSIRA	SO-2022-0176	WSIRA Recommendation
Missouri American Water Company- Purcell	WA-2022-0293	Certificate of Convenience and Necessity
S. K. & M. Water and Sewer Company	SR-2022-0239	Small water and sewer rate case.
Missouri American Water Company- Pom Osa	WA-2022-0361	Certificate of Convenience and Necessity