

FILED<sup>4</sup>

JAN 23 2004

Missouri Public  
Service Commission

Exhibit No.:

Issues: Capital expenditures

Witness: Kevin H. Dunn

Exhibit Type: Direct

Sponsoring Party: Missouri-American Water Company

Case No.: WR-2003-

Date: May 19, 2003

**MISSOURI PUBLIC SERVICE COMMISSION**

**CASE NO. WR-2003-**

**DIRECT TESTIMONY**

**OF**

**KEVIN H. DUNN**

**ON BEHALF OF**

**MISSOURI-AMERICAN WATER COMPANY**

**JEFFERSON CITY, MISSOURI**

Exhibit No. 4  
Case No(s). WR-2003-0500  
Date 12/16/03 Rptr SKM

**EXHIBIT**

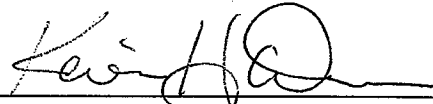
MAWC 4

**BEFORE THE PUBLIC SERVICE COMMISSION  
OF THE STATE OF MISSOURI**


|   |                          |
|---|--------------------------|
| <u>IN THE MATTER OF MISSOURI-AMERICAN )</u> |                          |
| <u>WATER COMPANY FOR AUTHORITY TO )</u>     |                          |
| <u>FILE TARIFFS REFLECTING INCREASED )</u>  | <b>CASE NO. WR-2003-</b> |
| <u>RATES FOR WATER AND SEWER )</u>          |                          |
| <u>SERVICE )</u>                            |                          |

**AFFIDAVIT OF KEVIN H. DUNN**

Kevin H. Dunn, being first duly sworn, deposes and says that he is the witness who sponsors the accompanying testimony entitled "Direct Testimony of Kevin H. Dunn"; that said testimony and schedules were prepared by him and/or under his direction and supervision; that if inquiries were made as to the facts in said testimony and schedules, he would respond as therein set forth; and that the aforesaid testimony and schedules are true and correct to the best of his knowledge.

  
\_\_\_\_\_  
Kevin H. Dunn

State of Missouri  
County of St. Louis  
SUBSCRIBED and sworn to  
Before me this 14<sup>th</sup> day of May 2003.

  
\_\_\_\_\_  
Notary Public

**My commission expires:**

|  |
|--|
| STACI A. OLSEN<br>Notary Public - Notary Seal<br>STATE OF MISSOURI<br>St. Charles County<br>My Commission Expires: Mar. 20, 2005 |
|--|

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**DIRECT TESTIMONY**

**KEVIN H. DUNN**

**WITNESS INTRODUCTION**

1   **Q.    State your name and business address.**

2   A.    Kevin H. Dunn, 535 N. New Ballas Rd., St. Louis, MO 63141.

3   **Q.    By whom are you employed and in what capacity?**

4   A.    I am employed by Missouri-American Water Company as Director,  
5           Engineering.

6   **Q.    Please describe your educational background and experience.**

7   A.    My educational background and experience are summarized in Schedule  
8           KHD-1 to this testimony.

9                                   **PURPOSE AND SCOPE**

10   **Q.    What is the purpose of your testimony?**

11   A.    The purpose of this testimony is to present company facility additions  
12           since its last rate case.

13   **Q.    What were MAWC's total capital investment expenditures in 2001 and**  
14           **2002?**

15   A.    The Company has spent the following at each of the listed districts in 2001  
16           and 2002:

| 17 | <u>District</u> | <u>2001</u> | <u>2002</u> |
|----|-----------------|-------------|-------------|
| 18 | Brunswick       | \$ 85,720   | \$ 102,397  |

|    |                  |              |               |
|----|------------------|--------------|---------------|
| 1  | Jefferson City   | \$ 1,091,354 | \$ 1,980,800  |
| 2  | Joplin           | \$ 1,707,771 | \$ 4,233,197  |
| 3  | Mexico           | \$ 612,215   | \$ 438,069    |
| 4  | Platte County    | \$ 646,358   | \$ 1,368,868  |
| 5  | St. Charles      | \$ 2,419,867 | \$ 5,391,796  |
| 6  | St. Joseph       | \$ 3,996,229 | \$ 2,271,532  |
| 7  | St. Louis County | \$34,494,646 | \$ 33,864,633 |
| 8  | Warrensburg      | \$ 470,649   | \$ 727,305    |
| 9  | Corporate        | \$ 4,322,082 | \$ 2,603,316  |
| 10 | Total            | \$49,846,891 | \$ 52,981,913 |

11 **Q. Please describe the most significant capital projects completed in**  
12 **2001 and 2002 in each of the operating districts.**

13 **A.** The most significant project would be the capital expenditures necessary  
14 to improve security at all operations. Each of the operations has incurred  
15 these costs following the tragic events of September 11, 2001. Another  
16 key project investment for the Company was the installation and  
17 implementation of the Orcom customer information system. Significant  
18 individual projects at each district are as follows:

19 Brunswick District

- 20 • Replacement of Well #1 Pump
- 21 • Installed Concrete Storage Bins for Backfill Materials
- 22 • Installed Storage Shed Addition
- 23 • Installed Building Around Basin

1       Jefferson City District

- 2           • Replacement/Installation of Fire Hydrants per Stipulation in Last
- 3           Rate Case
- 4           • 6" and 8" Extension to Cedar Ridge Subdivision
- 5           • Replacement of Fire Hydrants for Downtown Sidewalk Project
- 6           • Replacement of Plant Effluent Meter
- 7           • Installation of 1.5 Million Gallon Storage Tank
- 8           • 16" Extension to the Ellis Storage Tank
- 9           • Replacement of the Southwest Booster Station

10       Joplin District

- 11          • 8" Relocation on Rangeline
- 12          • 24" Relocation from Shoal Creek Pump Station
- 13          • Purchased PC 9800 Meter Reading Equipment
- 14          • Replacement of Well #3 Pump and Motor
- 15          • Replacement of Well #4 Motor
- 16          • Installed Ammonia Feed System at the Blendville Water Treatment
- 17          Facility
- 18          • 16" Extension on 20<sup>th</sup> St. to State Line
- 19          • 8" Extension to Northern Highland Subdivision
- 20          • Replacement of High Service 'A' Motor
- 21          • Installed 32<sup>nd</sup> St. Booster Station Pump #4 Bypass Motor Starter
- 22          • Installed Well #6

23       Mexico District

- 1           • 8" Relocation on Liberty Ave.
- 2           • Replacement of Well Pump #4
- 3           • Replacement of Distribution Building Roof
- 4           • Replacement of Treatment Residue Transfer Line
- 5           • 6" Relocation on Hwy. 15 near Wade Ave.
- 6           • 12" Replacement on 10" Main on Central St.
- 7           • Replacement of High Service Pump #3
- 8           • Installed Chlorine Vacuum Regulators at Treatment Facility

9           Platte County District

- 10           • Lower 10" Main in Line Creek at Argosy Rd.
- 11           • 8" Extension in River Hills Subdivision
- 12           • 12" Extension in National Subdivision
- 13           • 8" Extension in Gatewood Subdivision
- 14           • 8" Extension on 50<sup>th</sup> St. for City of Riverside
- 15           • 12" Relocation on West St.
- 16           • 8" and 12" Extension in Thousand Oaks Subdivision
- 17           • Replacement of Electrical Service for Wells #3, #4, and #5
- 18           • 20" Relocation of Supply Line to Treatment Facility at Rush Creek
- 19           • 12" Extension on Hwy. 45 – Additional Source of Supply Pipeline

20           St. Charles District

- 21           • 8" and 12" Relocation on Upper Bottom Rd.
- 22           • 12" and 16" Relocation on Central School Rd.
- 23           • 16" Installation to Relocate 8" on Dingledine Rd.

- 1           • 30" Installation to Relocate 12" on Kisker Rd.
- 2           • 18" Relocation on Hwy 40 at Hwy 94.
- 3           • 12" Relocation on Hackman Rd.
- 4           • 30" and 36" Extension – Greens Bottom Rd. Source of Supply
- 5           Pipeline

6       St. Joseph District

- 7           • 16" Relocation at Central High School
- 8           • 8" Replacement of 2" Main in Country Club Village
- 9           • 12" Extension on Gene Field
- 10          • 8" and 12" Relocation Hwy. 6 – I-29 to Riverside
- 11          • 12" Relocation Faraon Ave. – Belt Hwy. to Woodbine
- 12          • Installed Two Residue Settling Lagoons
- 13          • 8" Extension Corinth Estates Subdivision
- 14          • 6" and 8" Extension to Carriage Oaks Subdivision
- 15          • Replacement of Distribution Garage Roof
- 16          • 6" and 8" Relocation on King Hill
- 17          • Installation of Pebble Lime Feed System

18       St. Louis County District

- 19          • 24" Extension/Relocation on Rte. 141 South of Big Bend
- 20          • 16" Extension/Relocation on Telegraph Rd. at Oakville Tank
- 21          • Replacement of Various Size Obsolete Mains
- 22          • 30" Extension to Jefferson County Water District C-1 Phase 1
- 23          • Replacement of Central Plant High Service Pump #10 First Stage



- 1           • Replacement of Central Plant 3A Diesel Engine
- 2           • Replacement of North Plant West Basin Filter Sewer Gates
- 3           • Replacement of North Plant West Basin Presedimentation Clarifier
- 4           • 8" Relocation on St. Charles Rock Road East of I-70
- 5           • 20", 24", and 36" Relocation with 20" and 42" on Olive St. Rd. at I-
- 6           270
- 7           • Capital Expenditure for Acquisition of the City of Webster Groves
- 8           Water System
- 9           • Capital Expenditure for Acquisition of the City of Florissant Water
- 10          System
- 11          • Installed Carbon Slurry Mix Feed Chambers
- 12          • Replaced Clarifier Drive for Central Plant 3B Presed
- 13          • Replaced North Plant West Basin North Mix Baffle Wall
- 14          Warrensburg District
- 15          • 8" Replacement of 2" Main on Jackson – Zoll to Cleburn
- 16          • 8" Replacement on W. Pine St. and Railroad St.
- 17          • 8" Extension in Savannah Commons Subdivision
- 18          • 8" Extension in Hidden Pines Subdivision
- 19          • 8" Relocation on Holden St. at W. Pine
- 20          • 8" Replacement of 4" Main on E. Market St. – Mitchell to Maquire
- 21          • Replacement of 480V Electrical Service to Well #8
- 22          • Replacement of Well #7 Motor
- 23          • 12" Relocation on Hwy. 50

1    **Q.**    **Does this conclude your testimony?**

2    **A.**    **Yes.**