



Steven L. Beshear  
Governor

Leonard K. Peters  
Secretary  
Energy and Environment Cabinet

Commonwealth of Kentucky  
**Public Service Commission**  
211 Sower Blvd.  
P.O. Box 615  
Frankfort, Kentucky 40602-0615  
Telephone: (502) 564-3940  
Fax: (502) 564-3460  
psc.ky.gov

David L. Armstrong  
Chairman

James W. Gardner  
Vice Chairman

March 21, 2012

John N. Hughes, Esq.  
124 West Todd Street  
Frankfort, Kentucky 40601

Mr. James Leonard  
Water Service Corporation of Kentucky  
1221 East Cumberland Avenue  
Middlesboro, Kentucky 40965

Mary B. Potter, Esq.  
113 North Washington Street  
Clinton, Kentucky 42031

Re: Case No. 2011-00414  
*Moore's Chapel AME Church v. Water Service Corp. of Kentucky*

Ms. Potter and Gentlemen:

Pursuant to the Commission's Order of December 19, 2011, the enclosed report has been filed in the record of the above-referenced case.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Derouen".

Jeff Derouen  
Executive Director

gw  
Enclosure

**INTRA-AGENCY MEMORANDUM**

**KENTUCKY PUBLIC SERVICE COMMISSION**

**TO:** Case File

**THRU:** George Wakim *GW* 2/2/12  
Kimra Cole *cc* 2/4/12

**FROM:** James D. Rice

**DATE:** February 2, 2012

**SUBJECT:** Case No. 2011-00414  
Moores Chapel A.M.E. Church v Water Service Corp of Ky.  
Meter Test Results

On January 18, 2012, Brian Rice and I met with Mike Pickard and John Turner with Water Service Corp. at their office in Clinton, KY to retrieve the meter that was in service at the Moores Chapel A.M.E. Church. The meter body had been previously removed from service by the utility for testing. The testing of the meter and register No. 6448 was conducted by Dyer Meter Service LLC of Corinth, KY. on July 27, 2011 and remained in storage at the utilities' office until our arrival.

Commission Staff conducted its own testing at its facilities in Frankfort on January 19, 2012. James Leonard with Water Service Corp. was present during the testing. Attached are the test results for the Moores Chapel A.M.E. Church's meter done in accordance with 807 KAR 5:006, Section 18 (2). The tests indicate that the meter is within the accuracy requirements of water meters as set out in the Commission's Regulations 807 KAR 5:066, Section 15(2)(a).

**PUBLIC SERVICE COMMISSION  
METER STANDARDS LABORATORY  
METER TEST RESULTS**

Customer: Moore's Chapel A.M.E Church  
Utility: Water Service Corporation

Date: 1/19-20/2012  
Tester: Brian Rice

**Complaint Meter**  
As Found  
Type: Badger Model 25  
Serial # 32427686  
Register ID # 6448

**Complaint Meter**  
Original Register  
Type: Badger Model 25  
Serial #: 32427686  
Register ID # 6185

**LOW FLOW RATE**

1/4 GPM	End	<u>330.5</u>	End	<u>110969.9</u>
	Start	<u>320.5</u>	Start	<u>110960.0</u>
	% Accuracy	<u>100.0</u>	% Accuracy	<u>99.0</u>
1/4 GPM	End	<u>450.3</u>	End	<u>111111.9</u>
	Start	<u>440.4</u>	Start	<u>111102.0</u>
	% Accuracy	<u>99.0</u>	% Accuracy	<u>99.0</u>
1/4 GPM	End	<u>570.0</u>	End	<u>111231.5</u>
	Start	<u>560.1</u>	Start	<u>111221.7</u>
	% Accuracy	<u>99.0</u>	% Accuracy	<u>98.0</u>
	% Average of 3 test runs		<u>99.3</u>	<u>98.7</u>

**MEDIUM FLOW RATE**

2 GPM	End	<u>340.5</u>	End	<u>110980.0</u>
	Start	<u>330.5</u>	Start	<u>110969.9</u>
	% Accuracy	<u>100.0</u>	% Accuracy	<u>101.0</u>
2 GPM	End	<u>460.4</u>	End	<u>111122.0</u>
	Start	<u>450.3</u>	Start	<u>111111.9</u>
	% Accuracy	<u>101.0</u>	% Accuracy	<u>101.0</u>
2 GPM	End	<u>580.1</u>	End	<u>111241.6</u>
	Start	<u>570.0</u>	Start	<u>111231.5</u>
	% Accuracy	<u>101.0</u>	% Accuracy	<u>101.0</u>
	% Average of 3 test runs		<u>100.7</u>	<u>101.0</u>

Customer: Moore's Chapel A.M.E Church  
 Utility: Water Service Corporation

Date: 1/19-20/2012  
 Tester: Brian Rice

Serial #: 32427686  
 Register ID #: 6448

Serial #: 32427686  
 Register ID #: 6185

**HIGH FLOW RATE**

15 GPM	End	<u>440.4</u>	End	<u>111079.7</u>
	Start	<u>340.5</u>	Start	<u>110980.0</u>
	% Accuracy	<u>99.9</u>	% Accuracy	<u>99.7</u>
15 GPM	End	<u>560.1</u>	End	<u>111221.7</u>
	Start	<u>460.4</u>	Start	<u>111122.0</u>
	% Accuracy	<u>99.7</u>	% Accuracy	<u>99.7</u>
15 GPM	End	<u>679.8</u>	End	<u>111341.3</u>
	Start	<u>580.1</u>	Start	<u>111241.6</u>
	% Accuracy	<u>99.7</u>	% Accuracy	<u>99.7</u>
		% Average of 3 test runs	<u>99.8</u>	<u>99.7</u>

**COMPLAINT METER SUMMARY OF TEST RESULTS**

**As Found**

**Required Limits**

Minimum Flow 1/4 gpm	<u>99.3</u>	Required	<u>≥ 95%new</u>	<u>≥ 90%used</u>
Intermediate Flow 2 gpm	<u>100.7</u>	Required	<u>≥ 98.5% and ≤101.5%</u>	
Maximum Flow 15 gpm	<u>99.8</u>	Required	<u>≥ 98.5% and ≤101.5%</u>	

**Original Register**

Minimum Flow 1/4 gpm	<u>98.7</u> %	Required	<u>≥ 95%new</u>	<u>≥ 90%used</u>
Intermediate Flow 2 gpm	<u>101.0</u> %	Required	<u>≥ 98.5% and ≤101.5%</u>	
Maximum Flow 15 gpm	<u>99.7</u> %	Required	<u>≥ 98.5% and ≤101.5%</u>	