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Commonwealth of Kentucky  
**Public Service Commission**  
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David L. Armstrong  
Chairman

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Charles R. Borders  
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October 22, 2010

TO: DIVISION OF FILINGS

RE: Case No. 2010-00358  
William D. Christopher v. Kentucky-American Water Co.

Please file in the administrative record of the above-referenced case the enclosed memorandum and attached meter testing results for the Kentucky-American Water Co. meter previously installed at the residence of William D. Christopher.

Sincerely,

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

Jeff Derouen  
Executive Director

Enclosures

cc: Parties of Record

**INTRA-AGENCY MEMORANDUM**  
**KENTUCKY PUBLIC SERVICE COMMISSION**

**TO:** Ginny Smith  
Division of Consumer Services

**THRU:** Reggie Chaney, Director  
Division of Engineering

**FROM:** Brian L. Rice  
Utility Regulatory and Safety Investigator III

**DATE:** August 23, 2010

**RE:** **Meter Test Results**

Attached you will find test results regarding informal complaint number 2010-7944 from Consumer Services Division involving the William Christopher's water service account of Kentucky American Water Company by the PSC's Meter Standards Laboratory, done in accordance with 807 KAR 5:006, Section 18 (2) for distribution to all parties concerned.

The tests indicate that all meters are within accuracy guidelines of the Commission's Regulations.

Both parties need to be notified of these test results.

If you have any questions, please contact me at your convenience.

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

Customer: William Christopher Date: 8/20/2010  
Utility: Kentucky American Water Company Tester: Brian Rice

**Complaint Meter**

Type: Neptune 5/8 FT<sup>3</sup> meter  
Serial No. 84962405

**LOW FLOW RATE**

1/4 GPM	End	<u>22161.92</u>
	Start	<u>22161.00</u>
	% Accuracy	<u>92.0</u>
1/4 GPM	End	<u>22173.79</u>
	Start	<u>22172.87</u>
	% Accuracy	<u>92.0</u>
1/4 GPM	End	<u>22185.63</u>
	Start	<u>22184.72</u>
	% Accuracy	<u>91.0</u>
	% Average of 3 test runs	<u>91.7</u>

**MEDIUM FLOW RATE**

2 GPM	End	<u>22162.91</u>
	Start	<u>22161.92</u>
	% Accuracy	<u>99.0</u>
2 GPM	End	<u>22174.79</u>
	Start	<u>22173.79</u>
	% Accuracy	<u>100.0</u>
2 GPM	End	<u>22186.63</u>
	Start	<u>22185.63</u>
	% Accuracy	<u>100.0</u>
	% Average of 3 test runs	<u>99.7</u>

Customer: William Christopher  
Utility: Kentucky American Water Company

Date: 8/20/2010  
Tester: Brian Rice

**HIGH FLOW RATE**

15 GPM	End	<u>22172.87</u>
	Start	<u>22162.91</u>
	% Accuracy	<u>99.6</u>
15 GPM	End	<u>22184.72</u>
	Start	<u>22174.79</u>
	% Accuracy	<u>99.3</u>
15 GPM	End	<u>22196.56</u>
	Start	<u>22186.63</u>
	% Accuracy	<u>99.3</u>
	% Average of 3 test runs	<b><u>99.4</u></b>

**Complaint Meter Summary of Test Results for Serial No. 84962405**

<b>LOW FLOW 1/4 GPM</b>	<b><u>91.7</u> %</b>	Required	<u>&gt;95%new</u>	<u>&gt;90%used</u>
<b>MED. FLOW 2 GPM</b>	<b><u>99.7</u> %</b>	Required	<u>&gt;98.5% and &lt;101.5%</u>	
<b>HIGH FLOW 15 GPM</b>	<b><u>99.4</u> %</b>	Required	<u>&gt;98.5% and &lt;101.5%</u>	