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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. 2011-00426  
*Peggy Howell d/b/a Kountry Café 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 2/7/12*  
Kimra Cole *KAC*

**FROM:** James D. Rice

**DATE:** February 7, 2012

**SUBJECT:** Case No. 2011-00426  
Peggy Howell d/b/a Kountry Cafe v Water Service Corp  
Meter Test Results

On January 18, 2012, Brian Rice and I met with Mike Pickard and John Turner with Water Service Corp. and Ivan and Mary Potter representing Peggy Howell in front of the Kountry Café in Clinton, KY to remove the meter providing service to the Kountry Café.

Commission Staff conducted its own testing of the meter 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 Kountry Café meter.

The tests indicate that the meter is not within the accuracy requirements of the Commission's Regulations 807 KAR 5:066, Section 15(2)(a) for the medium flow rate. Further testing was conducted to determine the average meter error for bill

adjustment purposes as required by Commission's Regulations 807 KAR 5:066, Section 15(4). The tests indicate that the average meter error does not require a bill adjustment as set out in Commission's Regulations 807 KAR 5:006 Section 10.

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

Customer: Peggy Howell d/b/a Kountry Cafe  
Utility: Water Service Corporation

Date: 1/19-23/2012  
Tester: Brian Rice

**Complaint Meter**

As Found  
Type: Badger Model 25  
Serial # 29187703  
Register ID # 7317

**Complaint Meter**

Original Register  
Type: Badger Model 25  
Serial #: 29187703  
Register ID # 6057

**LOW FLOW RATE**

1/4 GPM	End	<u>54643.2</u>	End	<u>431562.4</u>
	Start	<u>54633.4</u>	Start	<u>431552.5</u>
	% Accuracy	<u>98.0</u>	% Accuracy	<u>99.0</u>
1/4 GPM	End	<u>54763.0</u>	End	<u>431682.3</u>
	Start	<u>54753.2</u>	Start	<u>431672.5</u>
	% Accuracy	<u>98.0</u>	% Accuracy	<u>98.0</u>
1/4 GPM	End	<u>54883.0</u>	End	<u>431802.3</u>
	Start	<u>54873.1</u>	Start	<u>431792.5</u>
	% Accuracy	<u>99.0</u>	% Accuracy	<u>98.0</u>
% Average of 3 test runs		<u>98.3</u>	<u>98.3</u>	

**MEDIUM FLOW RATE**

2 GPM	End	<u>54653.5</u>	End	<u>431572.7</u>
	Start	<u>54643.2</u>	Start	<u>431562.4</u>
	% Accuracy	<u>103.0</u>	% Accuracy	<u>103.0</u>
2 GPM	End	<u>54773.3</u>	End	<u>431692.6</u>
	Start	<u>54763.0</u>	Start	<u>431682.3</u>
	% Accuracy	<u>103.0</u>	% Accuracy	<u>103.0</u>
2 GPM	End	<u>54893.3</u>	End	<u>431812.6</u>
	Start	<u>54883.0</u>	Start	<u>431802.3</u>
	% Accuracy	<u>103.0</u>	% Accuracy	<u>103.0</u>
% Average of 3 test runs		<u>103.0</u>	<u>103.0</u>	

Customer: Peggy Howell d/b/a Kountry Cafe  
 Utility: Water Service Corporation

Date: 1/19-23/2012  
 Tester: Brian Rice

Serial #: 29187703  
 Register ID #: 7317

Serial #: 29187703  
 Register ID #: 6057

**HIGH FLOW RATE**

15 GPM	End	<u>54753.2</u>	End	<u>431672.5</u>
	Start	<u>54653.5</u>	Start	<u>431572.7</u>
	% Accuracy	<u>99.7</u>	% Accuracy	<u>99.8</u>
15 GPM	End	<u>54873.1</u>	End	<u>431792.5</u>
	Start	<u>54773.3</u>	Start	<u>431692.6</u>
	% Accuracy	<u>99.8</u>	% Accuracy	<u>99.9</u>
15 GPM	End	<u>54993.1</u>	End	<u>431912.4</u>
	Start	<u>54893.3</u>	Start	<u>431812.6</u>
	% Accuracy	<u>99.8</u>	% Accuracy	<u>99.8</u>
% Average of 3 test runs		<u>99.8</u>		<u>99.8</u>

**COMPLAINT METER SUMMARY OF TEST RESULTS**

**As Found**

**Required Limits**

Minimum Flow 1/4 gpm 98.3  
 Intermediate Flow 2 gpm 103.0  
 Maximum Flow 15 gpm 99.8

Required  $\geq 95\%$ new  $\geq 90\%$ used  
 Required  $\geq 98.5\%$  and  $\leq 101.5\%$   
 Required  $\geq 98.5\%$  and  $\leq 101.5\%$

**Original Register**

Minimum Flow 1/4 gpm 98.3 %  
 Intermediate Flow 2 gpm 103.0 %  
 Maximum Flow 15 gpm 99.8 %

Required  $\geq 95\%$ new  $\geq 90\%$ used  
 Required  $\geq 98.5\%$  and  $\leq 101.5\%$   
 Required  $\geq 98.5\%$  and  $\leq 101.5\%$

Customer: Peggy Howell d/b/a Kountry Café  
 Utility: Water Service Corporation

Date: 1/19-23/2012  
 Tester: Brian Rice

Serial # 29187703  
 Register ID # 7317

Serial #: 29187703  
 Register ID # 6057

**ADDITIONAL TEST RUNS**

**75% of Rated Maximum Capacity**

18.75 GPM	End	<u>55111.3</u>	End	<u>432031.7</u>
	Start	<u>55011.5</u>	Start	<u>431932.1</u>
	% Accuracy	<u>99.8</u>	% Accuracy	<u>99.6</u>
18.75 GPM	End	<u>55412.0</u>	End	<u>432332.8</u>
	Start	<u>55312.3</u>	Start	<u>432233.0</u>
	% Accuracy	<u>99.7</u>	% Accuracy	<u>99.8</u>
18.75 GPM	End	<u>55712.6</u>	End	<u>432633.8</u>
	Start	<u>55612.8</u>	Start	<u>432534.2</u>
	% Accuracy	<u>99.8</u>	% Accuracy	<u>99.6</u>
<i>Average of 3 test runs</i>		<u>99.8</u>		<u>99.7</u>

**50% of Rated Maximum Capacity**

12.50 GPM	End	<u>55211.3</u>	End	<u>432131.7</u>
	Start	<u>55111.3</u>	Start	<u>432031.7</u>
	% Accuracy	<u>100.0</u>	% Accuracy	<u>100.0</u>
12.50 GPM	End	<u>55512.1</u>	End	<u>432432.9</u>
	Start	<u>55412.0</u>	Start	<u>432332.8</u>
	% Accuracy	<u>100.1</u>	% Accuracy	<u>100.1</u>
12.50 GPM	End	<u>55812.6</u>	End	<u>432733.8</u>
	Start	<u>55712.6</u>	Start	<u>432633.8</u>
	% Accuracy	<u>100.0</u>	% Accuracy	<u>100.0</u>
<i>Average of 3 test runs</i>		<u>100.0</u>		<u>100.0</u>

**25% of Rated Maximum Capacity**

6.25 GPM	End	<u>55312.3</u>	End	<u>432233.0</u>
	Start	<u>55211.3</u>	Start	<u>432131.7</u>
	% Accuracy	<u>101.0</u>	% Accuracy	<u>101.3</u>
6.25 GPM	End	<u>55612.8</u>	End	<u>432534.2</u>
	Start	<u>55512.1</u>	Start	<u>432432.9</u>
	% Accuracy	<u>100.7</u>	% Accuracy	<u>101.3</u>
6.25 GPM	End	<u>55913.5</u>	End	<u>432835.2</u>
	Start	<u>55812.6</u>	Start	<u>432733.8</u>
	% Accuracy	<u>100.9</u>	% Accuracy	<u>101.4</u>
<i>Average of 3 test runs</i>		<u>100.9</u>		<u>101.3</u>
<b>Average Meter Error =</b>		<u>100.2</u>		<u>100.3</u>