



Butler County  
Water System

RECEIVED

JUL 13 2015

PUBLIC SERVICE  
COMMISSION

July 9, 2015

Mr. George Wakim  
Public Service Commission  
703 Schenkel Lane  
P.O. Box 615  
Frankfort, KY 40602

RE: Annual Sample Testing  
Warren County Water District, Simpson County Water District, Butler  
County Water System, Inc.  
PSC Case No. 2011-00220

Dear Mr. Wakim,

A random sample of 21 year old meters have been tested and found to be in conformance with accuracy levels of meters tested in PSC Case No. 2011-00220. The meters tested are Sensus SRII meters, size 5/8". A comparison of the results are below.

Average meter accuracy of random sample group:	99.22%
Average meter accuracy of Case No. 2011-00220 group:	98.61%

An excerpt from Case No. 2011-00220 stating that annual sample test results are to be submitted to the PSC is below:

*Meter Testing of Sample Group Each Year*

*To confirm that future meter accuracy trends conform to the data obtained in this study, a random sample of 21-year old meters will be tested each year. As with the current sample testing, the size of the sample will be calculated to provide a 95 percent confidence level that the average meter accuracy determined for the sample group would be plus or minus 1 percent of the actual average accuracy of all 21-year old meters. The results of these annual sample tests will be submitted to the PSC.*

Enclosed is a complete listing of the test results of the random sample. If you have any questions, please give me a call.

Sincerely,

Jeffrey B. Peoples  
Manager of Finance & Administration

Delivering quality  
& commitment  
in every drop!

523 US HWY 31-W Bypass • P.O. Box 10180 • Bowling Green, KY 42102-4780 • 270-842-0052 • butlerwater.com  
104 S. Tyler Street • Suite B • P.O. Box 1488 • Morgantown, KY 42261 • 270-526-4656

EQUAL OPPORTUNITY PROVIDER AND EMPLOYER

**ANNUAL SAMPLE TESTS**  
**METER TESTING OF 21 YEAR OLD METERS**  
**WARREN, BUTLER, SIMPSON WATER DISTRICTS**  
Year 2015

SR11 5/8" Meter No.	----- Test Results -----			WAMA	Meets PSC Repaired Meter Stds.
	Low	Medium	High		
48291207	96.00	98.50	99.00	98.35	
48292326	100.00	99.00	99.40	99.09	
48292337	99.00	100.00	99.70	99.91	
48292339	98.00	100.00	99.30	99.82	
48292341	97.00	100.00	99.60	99.77	
48292355	100.00	100.00	99.70	99.98	
48292376	97.00	99.00	99.50	98.89	
48292394	98.00	99.50	99.70	99.41	
48292395	98.00	100.00	99.70	99.84	
48292399	99.00	100.00	99.60	99.91	
48292402	98.00	100.00	99.50	99.83	
48292409	99.00	100.00	99.70	99.91	
48292422	98.00	100.00	99.60	99.84	
48292425	95.00	99.00	99.10	98.72	
48292448	94.00	100.00	99.30	99.54	
48292538	96.00	99.00	99.50	98.82	
48292542	96.00	99.00	99.20	98.80	
48292561	96.00	99.00	99.20	98.80	
48292572	98.00	99.00	99.60	98.97	
48292582	97.00	100.00	99.60	99.77	
48292595	98.00	100.00	100.00	99.86	
48292610	98.00	99.00	99.40	98.95	
48292656	96.00	99.00	99.20	98.80	
48292665	97.00	99.00	99.20	98.87	
48292676	99.00	100.00	99.60	99.91	
48292687	98.00	99.00	99.40	98.95	
48292694	94.00	99.00	99.00	98.65	
48292705	96.00	99.00	99.10	98.80	
48292708	97.00	98.50	99.00	98.42	
48292716	97.00	99.00	99.50	98.89	
48292718	96.00	99.00	99.30	98.81	
48292739	97.00	98.50	98.90	98.42	
48292743	96.00	100.00	99.60	99.70	
48758982	96.00	99.00	99.50	98.82	
48758995	95.00	100.50	99.70	100.07	
48759005	97.00	99.00	99.20	98.87	
48759020	95.00	99.50	99.30	99.17	
48759031	94.00	99.00	99.20	98.66	
48759046	97.00	99.00	99.50	98.89	
48759048	96.00	100.00	99.80	99.71	
48759063	97.00	99.00	99.00	98.86	
48759076	90.00	100.00	99.80	99.29	
48759088	98.00	99.00	99.70	98.97	
48759095	96.00	100.00	99.80	99.71	
48759101	97.00	100.00	99.80	99.78	
48759102	85.00	97.00	99.90	96.33	no
48759106	94.00	100.00	99.50	99.55	
48761832	90.00	99.50	99.50	98.83	
48761871	98.00	100.00	99.50	99.83	
48761882	87.00	99.00	100.00	98.22	no
48809776	97.00	98.50	99.60	98.46	
48809799	94.00	100.00	99.40	99.54	
48809836	96.00	99.00	99.50	98.82	

**ANNUAL SAMPLE TESTS**  
**METER TESTING OF 21 YEAR OLD METERS**  
**WARREN, BUTLER, SIMPSON WATER DISTRICTS**  
Year 2015

SR11 5/8" Meter No.	----- Test Results -----			WAMA	Meets PSC Repaired Meter Stds.
	Low	Medium	High		
48809862	98.00	100.00	100.00	99.86	
48809870	99.00	99.00	99.60	99.04	
48809897	88.00	97.00	98.80	96.47	no
49074144	95.00	100.00	99.70	99.63	
49074147	98.00	100.00	100.00	99.86	
49074176	94.00	99.00	99.00	98.65	
49074181	98.00	99.50	99.70	99.41	
49074188	95.00	100.00	99.40	99.61	
49074201	96.00	99.00	99.40	98.81	
49074211	98.00	100.00	99.60	99.84	
49074214	99.00	100.00	99.90	99.92	
49074240	98.00	99.00	100.00	98.99	
49074250	100.00	100.00	100.30	100.02	
49074253	99.00	100.00	99.60	99.91	
49074258	98.00	100.00	99.50	99.83	
49074264	97.00	100.50	99.70	100.21	
49074301	94.00	99.00	98.90	98.64	
49074307	96.00	99.00	99.10	98.80	
49074322	93.00	98.50	99.20	98.15	
49074323	94.00	98.50	99.20	98.23	
49146216	98.00	99.50	100.30	99.44	
49146220	98.00	100.00	99.80	99.85	
49146225	96.00	99.50	100.00	99.28	
49146226	97.00	99.50	99.80	99.34	
49146227	98.00	99.00	99.30	98.95	
49146230	99.00	100.00	100.10	99.94	
49146259	97.00	100.00	100.00	99.79	
49146275	99.00	99.50	100.20	99.51	
49146325	95.00	99.00	99.00	98.72	
49146344	99.00	100.00	99.90	99.92	
49146386	97.00	100.00	99.50	99.76	
49146387	99.00	99.00	99.80	99.05	
49146388	98.00	99.00	99.50	98.96	
49291260	95.00	99.00	99.50	98.75	
49291270	99.00	101.00	100.10	100.81	
49291286	94.00	99.00	99.80	98.70	
49291323	97.00	99.00	99.70	98.90	
49323343	97.00	100.00	100.00	99.79	
49323355	99.00	99.50	99.80	99.48	
49323364	95.00	99.50	98.90	99.15	
49323369	95.00	100.00	99.60	99.62	
49323395	94.00	99.00	99.00	98.65	
<b>AVERAGES</b>	96.41	99.42	99.54	<b>99.22</b>	
MIN	85.00	97.00	98.80	96.33	
MAX	100.00	101.00	100.30	100.81	

% Meeting PSC Required Meter Stds.  
Total Population Size  
Sample Size (95% Conf. Level)

1054  
95

96.84%