

CANNONSBURG WATER DISTRICT
1606 CANNONSBURG ROAD
ASHLAND, KY 41102
606-928-9808
FAX# 606-928-4788
www.cannonsburgwater.com

RECEIVED

JUN 17 2015

PUBLIC SERVICE
COMMISSION

June 8, 2015

Mr. Jeff Derouen
Executive Director
Public Service Commission
PO Box 615
Frankfort, KY 40602

RE: CASE NO 2014-00267
Surcharge Monthly Activity Report

Dear Mr. Derouen:

Please find this as our monthly Sur-Charge activity report.

1. C. I. Thornburg Co. has installed the replacement master meters that were inoperable. They were however not installed with radio read capability. The radio reads have been ordered and should be installed the week of June 12, 2015. The meters are underwater and cannot be read until the radio read has been installed.
2. Cannonsburg Water District (CWD) has found and repaired 15 water leaks throughout the District in the month of May 2015. Also when replacing the replacement master meters we used approximately 1 million gallons in blows off and flushing lines.
3. C. I. Thornburg Co. has tested CWD large meters. There were 8 meters that were tested. Out of the 8 meters that were tested 5 will need to be replaced. Copies of the test results are enclosed. We will start to replace them as money is available. Could the money that we collected from the Sur charge be used to purchase the meters as they are approximately \$6000.00 each?
4. The Bids for the replacement of service lines are still not ready for bid.
5. May was the last month that CWD billed its customers for the Sur Charge fee of \$5.53.

Sincerely,



Danny R. Clarkson
Manager

Company Name: Sensus
 Customer ID: Cannonsburg Water
 Current AMR: 02365812. Gallons

Date: 5/13/2015
 Factory ID: 65624029
RECEIVED

JUN 17 2015

Sensus

PUBLIC SERVICE
 COMMISSION

SINGLE REGISTER METER PERFORMANCE REPORT

SERIAL#: 65624029	SIZE: 4" - 6"	CUSTOMER: Cannonsburg Water
DATE: 5/13/2015	TYPE: TB2E	METER LOCATION: 207 Greenup meter
READING (BEFORE): 23656710		READING (BACK IN SERV): 23658120
METER REGISTRATION: Gallons		TESTER RATE UNITS: GPM TESTER REGISTRATION: Gallons

METER	FLOW RATE (GPM)	METER UNDER TEST				TESTER VOLUME (Gallons)	TESTER % from TAG	METER ACCURACY
		Stop Reading	Start Reading	Meter Volume (Gallons)	CONVERTED Volume to (Gallons)			
TOTAL	3	29.4	0	29.4	30	100.5	98.5%	

METER	FLOW RATE (GPM)	METER UNDER TEST				TESTER VOLUME (Gallons)	TESTER % from TAG	METER ACCURACY
		Stop Reading	Start Reading	Meter Volume (Gallons)	CONVERTED Volume to (Gallons)			
TOTAL	15	147.1	0	147.1	150	100	98.1%	

RECALIBRATION (2.0%)

METER	FLOW RATE (GPM)	METER UNDER TEST				TESTER VOLUME (Gallons)	TESTER % from TAG	METER ACCURACY
		Stop Reading	Start Reading	Meter Volume (Gallons)	CONVERTED Volume to (Gallons)			
TOTAL	3	29.9	0	29.9	30	100.5	100.2%	

METER	FLOW RATE (GPM)	METER UNDER TEST				TESTER VOLUME (Gallons)	TESTER % from TAG	METER ACCURACY
		Stop Reading	Start Reading	Meter Volume (Gallons)	CONVERTED Volume to (Gallons)			
TOTAL	15	153.9	0	153.9	150	100	102.6%	

RECALIBRATION (-1.6%)

METER	FLOW RATE (GPM)	METER UNDER TEST				TESTER VOLUME (Gallons)	TESTER % from TAG	METER ACCURACY
		Stop Reading	Start Reading	Meter Volume (Gallons)	CONVERTED Volume to (Gallons)			
TOTAL	15	59.2	0	59.2	60	100	98.7%	

SERIAL#: [bmkSerialNumber]	SIZE: [bmkMeterSize]	CUSTOMER: [bmkCustomer]
DATE: [bmkDate]	TYPE: [bmkMeterType]	METER LOCATION: [bmkMeterLocation]

METER	FLOW RATE (GPM)	METER UNDER TEST			TESTER VOLUME (Gallons)	TESTER % from TAG	METER ACCURACY
		Stop Reading	Start Reading	Meter Volume (Gallons)			
TOTAL	250	990.9	0	990.9	1000	99.9	99.0%

TESTING PERFORMED BY: *Mark Hamlin*

DATE: 5/13/2015

Company Name: Sensus
 Customer ID: Cannonsburg Water
 Current AMR: 00297147. Gallons

Date: 5/11/2015
 Factory ID: 70405432

Sensus

SINGLE REGISTER METER PERFORMANCE REPORT

SERIAL#: 70405432	SIZE: 4" - 6"	CUSTOMER: Cannonsburg Water
DATE: 5/11/2015	TYPE: TB2E	METER LOCATION: High school
READING (BEFORE): 2969670		READING (BACK IN SERV): 2971470
METER REGISTRATION: Gallons		TESTER RATE UNITS: GPM TESTER REGISTRATION: Gallons

METER	FLOW RATE (GPM)	METER UNDER TEST				TESTER VOLUME (Gallons)	TESTER % from TAG	METER ACCURACY
		Stop Reading	Start Reading	Meter Volume (Gallons)	CONVERTED Volume to (Gallons)			
TOTAL	2	19.3	0	19.3		20	100.5	97.0%

METER	FLOW RATE (GPM)	METER UNDER TEST				TESTER VOLUME (Gallons)	TESTER % from TAG	METER ACCURACY
		Stop Reading	Start Reading	Meter Volume (Gallons)	CONVERTED Volume to (Gallons)			
TOTAL	15	155	0	155		155	100	100.0%

METER	FLOW RATE (GPM)	METER UNDER TEST				TESTER VOLUME (Gallons)	TESTER % from TAG	METER ACCURACY
		Stop Reading	Start Reading	Meter Volume (Gallons)	CONVERTED Volume to (Gallons)			
TOTAL	300	1488.8	0	1488.8		1498.5	99.9	99.3%

RECALIBRATION (0.8%)

METER	FLOW RATE (GPM)	METER UNDER TEST				TESTER VOLUME (Gallons)	TESTER % from TAG	METER ACCURACY
		Stop Reading	Start Reading	Meter Volume (Gallons)	CONVERTED Volume to (Gallons)			
TOTAL	2	10.4	0	10.4		11	100.5	95.0%

RECALIBRATION (1.0%)

METER	FLOW RATE (GPM)	METER UNDER TEST				TESTER VOLUME (Gallons)	TESTER % from TAG	METER ACCURACY
		Stop Reading	Start Reading	Meter Volume (Gallons)	CONVERTED Volume to (Gallons)			
TOTAL	2	20.8	0	20.8		21	100.5	99.5%

SERIAL#: [bmkSerialNumber]	SIZE: [bmkMeterSize]	CUSTOMER: [bmkCustomer]
DATE: [bmkDate]	TYPE: [bmkMeterType]	METER LOCATION: [bmkMeterLocation]

METER	FLOW RATE (GPM)	METER UNDER TEST				TESTER VOLUME (Gallons)	TESTER % from TAG	METER ACCURACY
		Stop Reading	Start Reading	Meter Volume (Gallons)	<u>CONVERTED</u> Volume to (Gallons)			
TOTAL	15	103	0	103		102	100	101.0%

TESTING PERFORMED BY: *Mark Hamlin*

DATE: 5/11/2015

Company Name: Sensus
 Customer ID: Cannonsburg
 Current AMR: 30727457. Gallons

Date: 5/12/2015
 Factory ID: 62909370

Sensus

SINGLE REGISTER METER PERFORMANCE REPORT

SERIAL#: 62909370	SIZE: 1.5" - 3"	CUSTOMER: Cannonsburg
DATE: 5/12/2015	TYPE: TB2E	METER LOCATION: Big Sandy meter
READING (BEFORE): 30725059		READING (BACK IN SERV): 30727457
METER REGISTRATION: Gallons		TESTER RATE UNITS: GPM TESTER REGISTRATION: Gallons

METER	FLOW RATE (GPM)	METER UNDER TEST				TESTER VOLUME (Gallons)	TESTER % from TAG	METER ACCURACY
		Stop Reading	Start Reading	Meter Volume (Gallons)	CONVERTED Volume to (Gallons)			
TOTAL	1	14.28	0	14.28		15	99.7	94.9%

METER	FLOW RATE (GPM)	METER UNDER TEST				TESTER VOLUME (Gallons)	TESTER % from TAG	METER ACCURACY
		Stop Reading	Start Reading	Meter Volume (Gallons)	CONVERTED Volume to (Gallons)			
TOTAL	15	220.54	0	220.54		220	100	100.2%

METER	FLOW RATE (GPM)	METER UNDER TEST				TESTER VOLUME (Gallons)	TESTER % from TAG	METER ACCURACY
		Stop Reading	Start Reading	Meter Volume (Gallons)	CONVERTED Volume to (Gallons)			
TOTAL	250	2078.61	0	2078.61		2099	99.9	98.9%

RECALIBRATION (0.6%)

METER	FLOW RATE (GPM)	METER UNDER TEST				TESTER VOLUME (Gallons)	TESTER % from TAG	METER ACCURACY
		Stop Reading	Start Reading	Meter Volume (Gallons)	CONVERTED Volume to (Gallons)			
TOTAL	1	12.49	0	12.49		13	99.6	95.7%

METER	FLOW RATE (GPM)	METER UNDER TEST				TESTER VOLUME (Gallons)	TESTER % from TAG	METER ACCURACY
		Stop Reading	Start Reading	Meter Volume (Gallons)	CONVERTED Volume to (Gallons)			
TOTAL	15	71.59	0	71.59		70.5	100	101.5%

TESTING PERFORMED BY: *Mark Hamlin*

DATE: 5/12/2015



The C.I. Thornburg Co., Inc.
 YOUR FIRST CHOICE IN WATER AND WASTEWATER DISTRIBUTOR
 4034 Altizer Ave.
 Huntington, WV 25705
 1-800-999-3484

FIELD SERVICE REPORT

Date: 5/11/2015

Sheet: 1 of 1

Customer P.O. # _____

Customer: Cannonsburg Water

Job Site: Wayne Supply

Assigned Technician : Mark Hamlin
 Serv.Call ? Billable _____ Warranty _____
 Other - Describe Below _____

Contact Danny
 Phone _____
 Fax _____
 E-mail _____

Calibration Report for Large Water Meters

Customers Meter Information

Make : Sensus
 Meter Type: compound
 Size: 6"
 Serial # : 1451383

Meter Location : Wayne Supply

Total Reading : Gallons

Meter Tester Information:

Make : Sensus
 Meter Type: Compound
 Size: _____

Last Tested : _____
 Serial # : _____

Test as Found

Flow Rate	Residual Pressure	Meter (A)	Prover (B)	Result %=(A/B) X 100	Prover Meter	Water Meter
					Accuracy	Accuracy
2	120	23.3	35	67%	100.5%	66.9%
15	110	145.5	150	97%	100.0%	97.0%
400	100	1150	1998	58%	99.6%	57.3%
0	0	0	0	#DIV/0!	0.0%	#DIV/0!
Average of Tests as Found				73.7%		

Test After Repair

Flow Rate	Residual Pressure	Meter (A)	Prover (B)	Result %=(A/B) X 100	Prover Meter	Water Meter
					Accuracy	Accuracy
				#VALUE!		#VALUE!
				#VALUE!		#VALUE!
				#VALUE!		#VALUE!
				#DIV/0!		#DIV/0!
Average of Tests as Found				#VALUE!		

Comments: Meter tested low to bad.

Service Technician : Mark Hamlin

Public Service Commission Card # 1231

State Issued in: WV.



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FIELD SERVICE REPORT

Date: 5/11/2015

Sheet: 1 of 1

Customer P.O. # _____

Customer: Cannonsburg Water

Job Site: Old Boyd Co. School

Assigned Technician : Mark Hamlin
 Serv.Call ? Billable _____ Warranty _____
 Other - Describe Below _____

Contact Danny
 Phone _____
 Fax _____
 E-mail _____

Calibration Report for Large Water Meters

Customers Meter Information

Make : Sensus
 Meter Type: compound
 Size: _____
 Serial # : _____

Meter Location : Old Boyd Co. School

Total Reading : Gallons

Meter Tester Information:

Make : Sensus
 Meter Type: compound
 Size: _____

Last Tested : _____
 Serial # : 0

Test as Found

Flow Rate	Residual Pressure	Meter (A)	Prover (B)	Result %=(A/B) X 100	Prover Meter	Water Meter
					Accuracy	Accuracy
1	120	0	5	0%	100.8%	0.0%
10	110	17	25	68%	100.5%	68.3%
250	100	997.5	1001	100%	99.5%	99.2%
0	0	0	0	#DIV/0!	0.0%	#DIV/0!
Average of Tests as Found				55.8%		

Test After Repair

Flow Rate	Residual Pressure	Meter (A)	Prover (B)	Result %=(A/B) X 100	Prover Meter	Water Meter
					Accuracy	Accuracy
				#VALUE!		#VALUE!
				#VALUE!		#VALUE!
				#VALUE!		#VALUE!
				#DIV/0!		#DIV/0!
Average of Tests as Found				#VALUE!		

Comments: Meter tested low to bad. High flow was ok.

Service Technician : Mark Hamlin Public Service Commision Card # 1231
 State Issued in: WV.



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FIELD SERVICE REPORT

Date: 5/11/2015 Sheet: 1 of 1

Customer P.O. # _____

Customer: Cannonsburg Water

Job Site: KY Electric Steel

Assigned Technician : Mark Hamlin
 Serv.Call ? Billable _____ Warranty _____
 Other - Describe Below _____

Contact Danny
 Phone _____
 Fax _____
 E-mail _____

Calibration Report for Large Water Meters

Customers Meter Information

Make : Sensus Meter Location : KY Electric Steel
 Meter Type: turbine W2000S
 Size: 6" Total Reading : Gallons
 Serial # : 75686945

Meter Tester Information:

Make : Sensus Last Tested : _____
 Meter Type: Compound Serial # : _____
 Size: _____

Test as Found

Flow Rate	Residual Pressure	Meter (A)	Prover (B)	Result %=(A/B) X 100	Prover Meter Accuracy	Water Meter Accuracy
15	100	63	220	29%	100.0%	28.6%
300	80	1776	2000	89%	99.7%	88.5%
				#VALUE!		#VALUE!
0	0	0	0	#DIV/0!	0.0%	#DIV/0!
Average of Tests as Found				#VALUE!		

Test After Repair

Flow Rate	Residual Pressure	Meter (A)	Prover (B)	Result %=(A/B) X 100	Prover Meter Accuracy	Water Meter Accuracy
				#VALUE!		#VALUE!
				#VALUE!		#VALUE!
				#VALUE!		#VALUE!
				#DIV/0!		#DIV/0!
Average of Tests as Found				#VALUE!		

Comments: Meter tested low to bad.

Service Technician : Mark Hamlin Public Service Commission Card # 1231
 State Issued in: WV.



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FIELD SERVICE REPORT

Date: 5/11/2015 Sheet: 1 of 1

Customer P.O. # _____

Customer: Cannonsburg Water

Job Site: upper Snow Creek

Assigned Technician : Mark Hamlin
 Serv. Call ? Billable _____ Warranty _____
 Other - Describe Below _____

Contact Danny
 Phone _____
 Fax _____
 E-mail _____

Calibration Report for Large Water Meters

Customers Meter Information

Make : Sensus
 Meter Type: turbine W200S
 Size: 6"
 Serial # : 69201859

Meter Location : upper Snow Creek

Total Reading : Gallons

Meter Tester Information:

Make : Sensus
 Meter Type: Compound
 Size: _____

Last Tested : _____
 Serial # : _____

Test as Found

Flow Rate	Residual Pressure	Meter (A)	Prover (B)	Result %=(A/B) X 100	Prover Meter	Water Meter
					Accuracy	Accuracy
5	120	10	100	10%	100.0%	10.0%
15	110	137	160	86%	100.0%	85.6%
300	100	938	1001	94%	99.0%	92.8%
0	0	0	0	#DIV/0!	0.0%	#DIV/0!
Average of Tests as Found				62.8%		

Test After Repair

Flow Rate	Residual Pressure	Meter (A)	Prover (B)	Result %=(A/B) X 100	Prover Meter	Water Meter
					Accuracy	Accuracy
				#VALUE!		#VALUE!
				#VALUE!		#VALUE!
				#VALUE!		#VALUE!
				#DIV/0!		#DIV/0!
Average of Tests as Found				#VALUE!		

Comments: Meter tested low to bad. B25

Service Technician : Mark Hamlin Public Service Commission Card # 1231
 State Issued in: WV.



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FIELD SERVICE REPORT

Date: 5/11/2015

Sheet: 1 of 1

Customer P.O. # _____

Customer: Cannonsburg Water

Job Site: lower Snow Creek

Assigned Technician : Mark Hamlin
 Serv.Call ? Billable _____ Warranty _____
 Other - Describe Below _____

Contact Danny
 Phone _____
 Fax _____
 E-mail _____

Calibration Report for Large Water Meters

Customers Meter Information

Make : Sensus
 Meter Type: turbine W2000S
 Size: 6"
 Serial # : 75686945

Meter Location : lower Snow Creek

Total Reading : Gallons

Meter Tester Information:

Make : Sensus
 Meter Type: Compound
 Size: _____

Last Tested : _____
 Serial # : _____

Test as Found

Flow Rate	Residual Pressure	Meter (A)	Prover (B)	Result %=(A/B) X 100	Prover Meter	Water Meter
					Accuracy	Accuracy
10	150	52	100	52%	100.0%	52.0%
100	150	970	1000	97%	99.4%	96.4%
550	130	1983	2000	99%	99.5%	98.7%
0	0	0	0	#DIV/0!	0.0%	#DIV/0!
Average of Tests as Found				82.4%		

Test After Repair

Flow Rate	Residual Pressure	Meter (A)	Prover (B)	Result %=(A/B) X 100	Prover Meter	Water Meter
					Accuracy	Accuracy
				#VALUE!		#VALUE!
				#VALUE!		#VALUE!
				#VALUE!		#VALUE!
				#DIV/0!		#DIV/0!
Average of Tests as Found				#VALUE!		

Comments: Meter tested low to bad. High flow was ok. B25

Service Technician : Mark Hamlin

Public Service Commission Card # 1231

State Issued in: WV.