DORSEY, GRAY, NORMENT & HOPGOOD

ATTORNEYS-AT-LAW

318 SECOND STREET

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WILLIAM B. NORMENT, JR.
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December 16, 2016

FEDEX

RECEIVED

DEC 1 9 2016

PUBLIC SERVICE COMMISSION

Dr. Talina R. Mathews Executive Director Kentucky Public Service Commission Post Office Box 615 Frankfort, KY 40602

Re:

Beech Grove Water System, Inc. .

Case No. 2016-255

Dear Dr. Mathews:

Enclosed for filing please find the original and 8 copies of Responses to Data Requests in the above case.

Your assistance in this matter is appreciated.

Respectfully,

DORSEY, GRAY, NORMENT & HOPGOOD

By

J. Christopher Hopgood Attorney for Kenergy Corp.

JCH/cds Encls.

RECEIVED

1	[add 1 9 2016
2	PUBLIC SERVIC
3 -	COMMISSION
4	COMMONWEALTH OF KENTUCKY
5	BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY
6 7	DEFORE THE PUBLIC SERVICE COMMISSION OF RENTUCKT
8	
9	
10	IN THE MATTER OF:
11	
12	THE APPLICATION OF BEECH GROVE)
13	WATER SYSTEM, INC. FOR CERTIFICATE) CASE NO. 2016 00255
14 15	OF PUBLIC CONVENIENCE AND) CASE NO. 2016-00255 NECESSITY AND APPROVAL OF FINANCING)
15 16	NECESSIII AND ALTROVAL OF FINANCING)
17	
	DEGRONGES TO DATA DEGLECTS
18	RESPONSES TO DATA REQUESTS
19	BEECH GROVE WATER SYSTEM, INC. submits the following
20	responses to the Staff's data requests.
21	
22	DORSEY, GRAY, NORMENT & HOPGOOD
23	318 Second Street
24	Henderson, Kentucky 42420
25	(270) 826-3965 Telephone
26	(270) 826-6672 Telefax
27	Attorneys for Beech Groye Water System, Inc.
28	
29	By Clumbon
30	J. Christopher Hopgood
31	chopgood@dkgnlaw.com
32	\cdot
33	
34	
25	
35	

- 1 Item 1) Refer to the Annual Reports of Beech Grove to the Public Service
- 2 Commission for the Calendar Years Ended December 31, 2012 ("2012 Annual Report"),
- 3 December 31, 2013 ("2013 Annual Report"), December 31, 2014 ("2014 Annual
- Report"), and December 31, 2015 ("2015 Annual Report"). On the schedule referred to
- 5 as Pumping and Water Statistics Part One (Ref Page: 29), the total gallons of water
- 6 sold to customers for each respective year is as follows:

7		2015	2014	2013	2012	
8	Water Sold to Customers		_			
9		64,151,000	51,903,000	42,830,000	50,331,000	
10	Explain why there	is a large disc	repancy betw	veen the gallo	ns sold from year	

11 to year.

12

13

RESPONSE:

- There are two (2) reasons why there is a discrepancy from year to year on water sales.
- First, 2012 was a drought year. McLean County has a large number of
 chicken houses that depend upon a natural water supply. In 2012, due to the
 drought, these farmers were forced to resort to county water.
- Second, Rhino Mine opened in 2014 thereby adding a large water user to our system.

1	Refer to the Supplemental Information, paragraph (g), which states that
2	"the Applicant's water loss last measured at 22%." Refer also to Beech Grove's 2015
3	Annual Report and 2014 Annual Report, Water Statistics (Ref Page: 30),2 wherein
4	water loss for each year is stated at 11.7 percent and 16.8 percent respectively.
5	a. Describe the circumstances behind the discrepancy between the last
6	measured water loss and the water loss that is stated in Beech Grove's 2015 Annual
7	Report and 2014 Annual Report.
8	RESPONSE:
9	The 2014 and 2015 Annual Reports did not include water usage and
10	loss from the bulk station where farmers fill their bulk tanks. The earlier reports
11	did have those numbers. (See attached).
12	
	•
13	b. Provide each monthly water loss report generated by Beech Grove each
14	month starting with the month ended January 31, 2014, to present.
15	RESPONSE:
16	Each monthly water loss report is attached hereto.
17	
18	c. Explain in detail how the proposed automated meter reading system
19	will decrease Beech Grove's water loss.
20	RESPONSE:
21	The automated system will reduce water loss because the system will
22	provide real time information to pinnoint and repair leaks more quickly thereby

- 1 reducing the water loss. Secondly, Beech Grove Water System has only one outside
- 2 worker who currently has the task of manual meter reading. Reducing reading
- 3 meters will free that worker for additional maintenance which should improve the
- 4 overall integrity of the system.

- 1 Item 3) State whether Beech Grove plans to test the meters before placing them
- 2 into service. If testing is not planned, state whether Beech Grove will be relying on the
- 3 meter manufacturer's testing data. Provide the meter manufacturer's testing data.

4 RESPONSE:

Beech Grove Water System will rely on the manufacturer's testing

6 prior to placing the meters into service. Beech Grove Water System agrees to

supply the manufacturer's test results for the meters once they have been

purchased if this Application is approved.

9 10

7

8

Refer to Beech Grove's attached Exhibit in its documents requesting a 1 Item 4) CPCN, submitted September 9, 2016. On page 2 of its October 11 Amended 2 Application. Beech Grove states that it intends "to borrow funds from [a] Rural Water 3 Revolving Loan Fund in the principal amount of \$100,000." Within the same Amended 4 Application, page 3, paragraph 8, states that "the Uses of Funds to be obtained from 5 the issuance of the Rural Water were previously filed herein." In the Exhibit attached to 6 its documents requesting a CPCN submitted on September 9, 2016, Beech Grove 7 supplies a quote from a vendor indicting that the total cost of the automated metering 8 system that Beech Grove proposes to purchase is \$130,234. 9

a. Reconcile the difference between the \$100,000 that is currently proposed in the Amended Application and the \$130,234 that is required for the purchase of the automated meter reading system in its documents requesting a CPCN submitted on September 9, 2016.

RESPONSE:

10

11

12

13

14

15

- Rural water has a loan cap of \$100,000.00. Therefore, Beech Grove Water System will use \$30,234.00 of its reserves to fund part of the purchase.
- b. Provide an updated schedule that clearly shows the number of meters

 Beech Grove intends to purchase, the purchase price of each individual meter for 5/8
 inch x 3/4-inch meters and 1-inch meters, the individual purchase price of any

 appurtenances required to install the automated meter reading system, and a grand total for

RESPONSE: 2 See attached information providing the specific number of each type of 3 meter to be purchased along with the price of all components and the grand total cost. 4 5 For individual meters that are being purchased, provide a detailed 6 c. breakdown of the cost of each component of the meter (i.e., meter, meter setting, radio read 7 endpoints, etc.) with a total for each type of meter that corresponds to the purchase price 8 9 of the individual meters listed in Item b. above. 10 **RESPONSE:** See attached response to 4(b). 11

all equipment and software required to install the system.

1

- 1 Item 5) State whether Beech Grove has performed a cost-benefit analysis
- 2 installing the proposed automated metering system. If so, provide the results of this analysis,
- 3 including the details of any cost saving that will be realized through installing the
- 4 automated metering system. If no cost-benefit analysis has been performed, explain why
- 5 it was not performed.

RESPONSE:

6

- No formal cost/benefit study was performed. However, the decision to
- 8 proceed was based on information from the vendor as to the efficiency of the system, and
- 9 Rural Water did not require a cost/benefit analysis prior to agreeing to loan funds.

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY

IN THE MATTER OF:
THE APPLICATION OF BEECH GROVE) WATER SYSTEM, INC. FOR CERTIFICATE) OF PUBLIC CONVENIENCE AND) CASE NO. 2016-00255 NECESSITY AND APPROVAL OF FINANCING)
VERIFICATION
I hereby verify that the foregoing responses are true and correct to the best
of my knowledge and belief.
Sheila Murphy Beech Grove Water System, Inc.
STATE OF KENTUCKY
COUNTY OF Hendens
The foregoing was subscribed and sworn to before me by Sheila Murphy, Office Manager, eech Grove Water Systems, Inc., this
My commission expires
Notary Public,

John Christopher Hopgood, Notary Public My Commission expires 5-3-2018 ID # 509367

DATA REQUEST RESPONSE ITEM 2(A)

BEECH GROVE WATER SYSTEM WATER STATISTICS FOR 2014 & 2015 SHOWING BULK LOADING STATIONS RESULTS

33200 Beech Grove Water System, Inc. 01/01/2014 - 12/31/2014

Water Statistics (Ref Page: 30)

Gallons (Omit'000's)
1. Water Produced, Purchased and Distributed
2. Water Produced 3. Water Purchased 65,266
4. Total Produced and Purchased 65.266 6. Water Sales:
7. Residential 43.319 8. Commercial 8,475
9) Industrial 10. Bulk Loading Stations
11. Resale 12. Other Sales 0
13: Total Water Sales 15. Other Water Used
16. Utility/water treatment plant 17. Wastewater plant
18 System flushing 2500 19. Fire department
20. Other 21. Total Other Water Used 2,512
23. Water Loss: 24. Tank Overflows
25. Line Breaks 3,500 26. Line Leaks 7,460
27. Other 1.2. Communication of the communication o
Note: Cline 13 + Line 28 must equal Line 4 of the classical and th
33 Line 28 divided by Line 4

33200 Beech Grove Water System, Inc. 01/01/2015 - 12/31/2015

Water Statistics (Ref Page: 30)

		Gallons	Omit 000 s)	Percent	
 Water Produced, P 	urchased and Distributed	,			Shirt Assistance and Charlesters in a product of
 Water Produced Water Purchased 	요한 영화는 교육적인 경기가 보면 작은 이 전 상황이라고 말하는데 그 사람	72,733			
4. Total Produced and 6. Water Sales:	d Purchased	72,733			
7. Residential 8. Commercial		51,362 12,680			
9. Industrial 10. Bulk Loading Stat	ions	119			
11. Resale 12. Other Sales					
13. Total Water Sales	[6], 스타일(1), 네무슨(14 우리는 사람들이 존개를 가라였다.	64,151			
16. Utllity/water trea	영화사용화원 기억하게 됐당이 걸려워졌다. "누워들다다.				
18. System flushing	Guin 1: 16인원회사장 시 전 관계되는 4의 스캔링 (Parish Pulis	43			
20 Other 21. Total Other Water	Used	43 7 67			
23. Water Loss: 24. Tank Overflows		0			
25. Line Breaks		8			
27. Other 28. Total Line Loss		8,496 8,516			
Note: Line 13 + Line 2	1. Line 28 must equal Line 4				
33. Line 28 divided by					11.7086

DATA REQUEST RESPONSE ITEM 2(B)

BEECH GROVE WATER SYSTEM WATER MONTHLY WATER LOSS REPORTS FROM JANUARY 2014 TO NOVEMBER 2016

DATA REQUEST RESPONSE ITEM 4(C)

BEECH GROVE WATER SYSTEM METER COMPONENT COSTS & SYSTEM COSTS

Annual Water Use Report

Water Utility:

Beech Grove Water

Year:

2016

		GALLONS	
LINE #	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced	0	0%
3	Water Purchased	63695	100%
4	TOTAL PRODUCED AND PURCHASED	63695	
	WATER SOLD		
5	Residential	20163	40%
6	Commercial	4950	10%
7	Industrial	0	0%
8	Bulk Loading Stations	284	1%
9	Wholesale	0	0%
10	Other Sales (explain)	24966	50%
11	TOTAL WATER SOLD	50363	79%
12	TOTAL WATER NOT SOLD	13332	21%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant	0	0%
14	Wastewater Plant	0	0%
15	System Flushing	0	0%
16	Fire Department	2	0%
17	Other (explain)	0	0%
	TOTAL UNSOLD WATER USED		0%
	TOTAL UNSOLD WATER USED	2	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows	0	0%
19	Line Breaks	0	0%
20	Other Loss	0	0%
	TOTAL UNSOLD WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	30
24	"Other Loss" per Day (1,000's gallons per Day)	0
25	"Other Loss" per Minute (GPM)	0





•	

Water Utility:

Beech Grove Water

For the Month of:

January

Year:

2016

		GALLONS	
LINE#	ITEM	(Omit 000's) %	
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	6393	100%
4	TOTAL PRODUCED AND PURCHASED	6393	
	WATER SOLD		
5	Residential	1816	43%
6	Commercial	370	9%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	2008	48%
11	TOTAL WATER SOLD	4194	66%
12	TOTAL WATER NOT SOLD	2199	34%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows	0	0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	30
24	"Other Loss" per Day (1,000's gallons per Day)	0
25	"Other Loss" per Minute (GPM)	0





Revised: January 10, 2007 This form approved by: EPPC/DEP/DOW, KY PSC, KRWA

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Water Utility:

Beech Grove Water

For the Month of:

February

Year:

2016

		GALLONS		
LINE #	ITEM	(Omit 000's)	%	
1	WATER PRODUCED or PURCHASED			
2	Water Produced			0%
3	Water Purchased	5611	10	00%
4	TOTAL PRODUCED AND PURCHASED	5611		
	WATER SOLD			
5	Residential	2491	4	45%
6	Commercial	541	1	10%
7	Industrial			0%
8	Bulk Loading Stations			0%
9	Wholesale			0%
10	Other Sales (explain) Agricultural	2455	4	45%
11	TOTAL WATER SOLD	5487	9	98%
12	TOTAL WATER NOT SOLD	124		2%
	BREAKDOWN OF UNSOLD WATER USED			
13	Utility and/or Water Treatment Plant			0%
14	Wastewater Plant			0%
15	System Flushing			0%
16	Fire Department			0%
17	Other (explain)			0%
17	Other (explain)	8		0 /
	TOTAL UNSOLD WATER USED	0		0%
	BREAKDOWN OF WATER LOST			_
18	Tank Overflows			0%
19	Line Breaks			0%
20	Other Loss			0%
	TOTAL WATER LOST	0		0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
1	"Other Loss"	
	% "Other Loss"	0%
	Number of Days in Period	
	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
	"Other Loss" per Minute (GPM)	#DIV/0!





This form approved by: EPPC/DEP/DOW, KY PSC, KRWA

2455 541 8 2483 2491

Water Utility:

Beech Grove Water

For the Month of:

March

Year:

2016

		GALLONS	
LINE #	ITEM	(Omit 000's) %	
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	6136	100%
4	TOTAL PRODUCED AND PURCHASED	6136	
	WATER SOLD		
5	Residential	1803	46%
6	Commercial	488	12%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	1626	42%
11	TOTAL WATER SOLD	3917	64%
12	TOTAL WATER NOT SOLD	2219	36%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





Water Utility:

Beech Grove Water

For the Month of:

April

Year:

2016

		GALLONS	
LINE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	5519	100%
4	TOTAL PRODUCED AND PURCHASED	5519	
	WATER SOLD		
5	Residential	2195	41%
6	Commercial	573	11%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	2586	48%
11	TOTAL WATER SOLD	5354	97%
12	TOTAL WATER NOT SOLD	165	3%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





This form approved by: EPPC/DEP/DOW, KY PSC, KRWA

2186 9

Water Utility:

Beech Grove Water

For the Month of:

May

Year:

2016

		GALLONS	
LINE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	6460	100%
4	TOTAL PRODUCED AND PURCHASED	6460	
	WATER SOLD		
5	Residential	2016	47%
6	Commercial	494	11%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	1823	42%
11	TOTAL WATER SOLD	4333	67%
12	TOTAL WATER NOT SOLD	2127	33%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
			0 /1
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





Water Utility:

Beech Grove Water

For the Month of:

June

Year:

2016

		GALLONS	
LINE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0
3	Water Purchased	7924	1009
4	TOTAL PRODUCED AND PURCHASED	7924	
	WATER SOLD		
5	Residential	2423	399
6	Commercial	533	80
7	Industrial		00
8	Bulk Loading Stations		00
9	Wholesale		0.0
10	Other Sales (explain) Agricultural	. 3334	539
11	TOTAL WATER SOLD	6290	799
12	TOTAL WATER NOT SOLD	1634	219
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		00
14	Wastewater Plant		09
15	System Flushing		09
16	Fire Department	2	09
17	Other (explain)		09
	TOTAL UNSOLD WATER USED	2	09
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		09
19	Line Breaks		09
20	Other Loss		09
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





Water Utility:

Beech Grove Water

For the Month of:

July

Year:

2016

		GALLONS	
LINE #	ITEM	(Omit 000's) %	
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	7099	100%
4	TOTAL PRODUCED AND PURCHASED	7099	
	WATER SOLD		
5	Residential	1934	34%
6	Commercial	494	9%
7	Industrial		0%
8	Bulk Loading Stations	284	5%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	3020	53%
11	TOTAL WATER SOLD	5732	819
12	TOTAL WATER NOT SOLD	1367	19%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		09
16	Fire Department		0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
20	Other E099		07
	TOTAL WATER LOST	0	0%

"OTHE	R LOSS" FLOW RATE CALCULATION:	
	"Other Loss"	(
	% "Other Loss"	0%
	Number of Days in Period	
	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
	"Other Loss" per Minute (GPM)	#DIV/0!



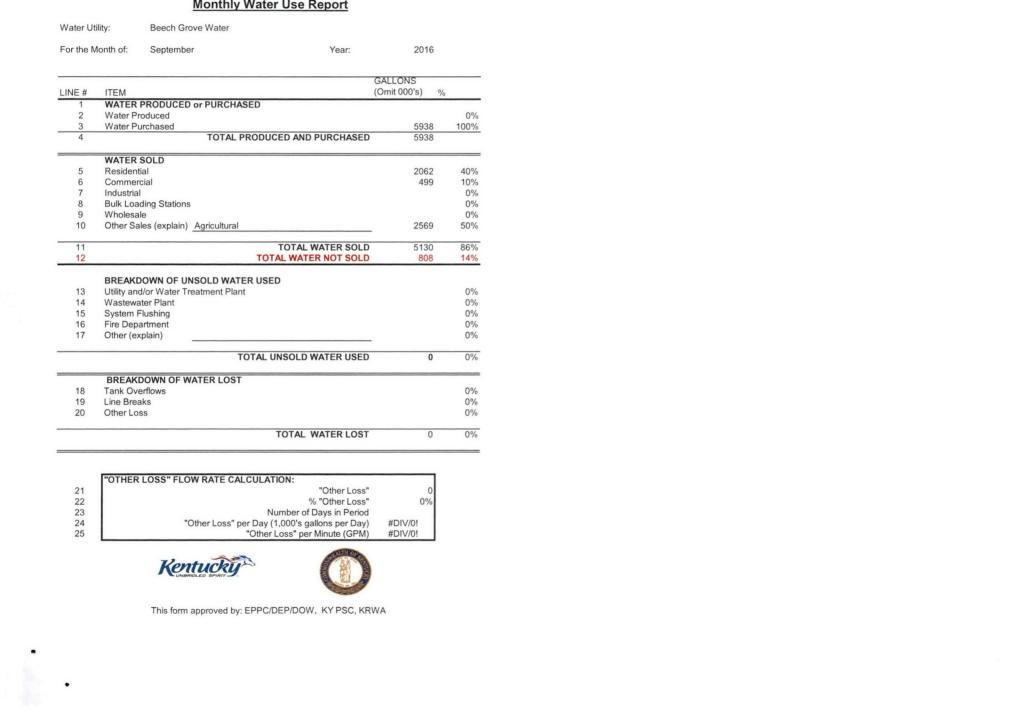


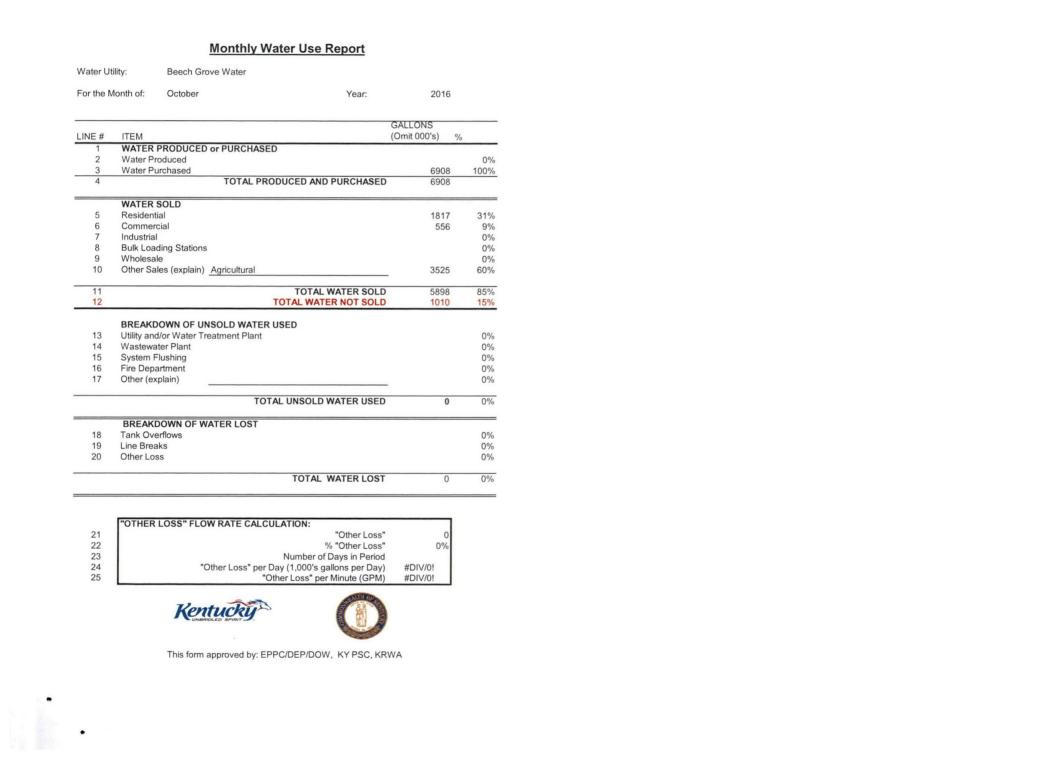
This form approved by: EPPC/DEP/DOW, KY PSC, KRWA

1917 17 1934

Water Ut	illity: Beech Grove Water		
For the N	Month of: August Year:	2016	
. 0. 0.0	Teal.	2010	
		GALLONS	_
LINE #	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		
3	Water Purchased		
4	TOTAL PRODUCED AND PURCHASED	0	
	WATER SOLD		
5	Residential		
6	Commercial		
7	Industrial		
8	Bulk Loading Stations		
9	Wholesale		
10	Other Sales (explain) Agricultural		
11	TOTAL WATER SOLD	0	_
12	TOTAL WATER NOT SOLD	0	
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		
14	Wastewater Plant		
15	System Flushing		
16	Fire Department		
17	Other (explain)		
		•	
	TOTAL UNSOLD WATER USED	0	
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		
19	Line Breaks		
20	Other Loss		
	TOTAL WATER LOST	0	
	"OTHER LOSS" FLOW RATE CALCULATION:		
21	"Other Loss"	0	
22	% "Other Loss"		

Water Ut	rility:	Beech Gr	ove Water	Water Use	Coport		
For the N		August	ove vvaler		Year:	201	6
						GALLONS	
LINE#	ITEM					(Omit 000's)	%
1			or PURCHAS	SED			
2		roduced urchased					
4	Wateri	urcriaseu	TOTAL P	RODUCED AND	PURCHASED		0
	WATER	SOLD					
5	Residen						
6 7	Comme						
8		ading Stations					
9	Wholesa						
10	Other Sa	ales (explain)	Agricultural				
11					WATER SOLD		0
12				TOTAL WATE	ER NOT SOLD		0
13			NSOLD WATE				
14		ater Plant	eatment Plant				
15	System						
16	Fire Dep						
17	Other (e:	xplain)					
			TO	OTAL UNSOLD	WATER USED		0
40		DOWN OF W	ATER LOST				
18 19	Tank Ov Line Bre						
20	Other Lo						
				TOTAL	WATER LOST	()
21	"OTHER	LOSS" FLO	W RATE CAL	CULATION:	"Other Loss"	(
22				0	% "Other Loss"		1
23				Number of	Days in Period		1
24 25		"(Other Loss" pe	r Day (1,000's ga "Other Loss" per	allons per Day) Minute (GPM)	#DIV/0! #DIV/0!	
			-		NAH OA		-
		Ken	TUCKY	3			
		This form	approved by: 8	EPPC/DEP/DOW	, KY PSC, KR	WA	





Water Utility:

Beech Grove Water

For the Month of:

November

Year:

2016

		GALLONS	
LINE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	5707	100%
4	TOTAL PRODUCED AND PURCHASED	5707	
	WATER SOLD		
5	Residential	1606	40%
6	Commercial	402	10%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	2020	50%
11	TOTAL WATER SOLD	4028	71%
12	TOTAL WATER NOT SOLD	1679	29%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
			0 70
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





		month	Ty Water Obe Report		
Water U	tility:	Beech Grove Wate	r		
For the N	Month of:	December	Year:	201	16
LINE #	ITEM			GALLONS	
LINE#	ITEM			(Omit 000's)	%
1		PRODUCED or PURC	HASED		
2	Water Pi				
3	Water Pi	urchased	L PROPULOTE AND BURGUAGES		-
4		1012	AL PRODUCED AND PURCHASED		0
	WATER				
5	Resident				
6	Commer				
7	Industria				
8		ding Stations			
9	Wholesa				
10	Other Sa	les (explain) Agricultu	ral		
11			TOTAL WATER SOLD		0
12			TOTAL WATER NOT SOLD		0
	BREAKE	OOWN OF UNSOLD W	ATER USED		
13		d/or Water Treatment P			
14	Wastewa				
15	System F				
16	Fire Depa				
17	Other (ex				
			TOTAL UNSOLD WATER USED		0
	BREAKI	DOWN OF WATER LO	ST		
18	Tank Ove	erflows			
19	Line Brea				
20	Other Los	SS			
			TOTAL WATER LOST		0

"OTHER LOSS" FLOW RATE CALCULATION:

"Other Loss"
% "Other Loss"
Number of Days in Period
"Other Loss" per Day (1,000's gallons per Day)
"Other Loss" per Minute (GPM)
#DIV/0!





Annual Water Use Report

Water Utility:

Beech Grove Water

Year:

2015

		GALLONS	
LINE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced	0	0%
3	Water Purchased	72733	100%
4	TOTAL PRODUCED AND PURCHASED	72733	
	WATER SOLD		
5	Residential	23025	36%
6	Commercial	12680	20%
7	Industrial	0	0%
8	Bulk Loading Stations	0	0%
9	Wholesale	0	0%
10	Other Sales (explain)	28327	44%
11	TOTAL WATER SOLD		88%
12	TOTAL WATER NOT SOLD	8701	12%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant	0	0%
14	Wastewater Plant	0	0%
15	System Flushing	0	0%
16	Fire Department	13	0%
17	Other (explain)	0	0%
	TOTAL UNSOLD WATER USED	13	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows	0	0%
19	Line Breaks	0	0%
20	Other Loss	0	0%
	TOTAL UNSOLD WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	30
24	"Other Loss" per Day (1,000's gallons per Day)	0
25	"Other Loss" per Minute (GPM)	0





Water Utility:

Beech Grove Water

For the Month of:

January

Year:

2015

		GALLONS	
LINE #	ITEM	(Omit 000's) %	
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	6419	100%
4	TOTAL PRODUCED AND PURCHASED	6419	
	WATER SOLD		
5	Residential	1887	33%
6	Commercial	1208	21%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	2638	46%
11	TOTAL WATER SOLD		89%
12	TOTAL WATER NOT SOLD	686	11%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
17	Other (explain)		0 70
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows	0	0%
19	Line Breaks	177	0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	30
24	"Other Loss" per Day (1,000's gallons per Day)	0
25	"Other Loss" per Minute (GPM)	0





This form approved by: EPPC/DEP/DOW, KY PSC, KRWA

Revised: January 10, 2007

1,863,782 23,740

1,887,522

Water Utility:

Beech Grove Water

For the Month of:

February

Year:

2015

INE #	ITEM	GALLONS (Omit 000's)	0/
1	WATER PRODUCED or PURCHASED	(Omit 000's)	%
2	Water Produced		0%
3	Water Produced Water Purchased	6052	
4	TOTAL PRODUCED AND PURCHASED	6052	
	WATER SOLD		
5	Residential	1733	36%
6	Commercial	967	20%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	2099	44%
11	TOTAL WATER SOLD	4799	
12	TOTAL WATER NOT SOLD	1253	21%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department	6	0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	6	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





spurrier	698	12320	
deitz	4720	1720141	
west	4480		
	9898	1732461	1742359

Water Utility:

Beech Grove Water

For the Month of:

March

Year:

2015

		GALLONS	
LINE#	ITEM	(Omit 000's) %	
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	6934	100%
4	TOTAL PRODUCED AND PURCHASED	6934	
	WATER SOLD		
5	Residential	1714	31%
6	Commercial	1282	23%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	2557	46%
11	TOTAL WATER SOLD	5553	80%
12	TOTAL WATER NOT SOLD	1381	20%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
			0 /
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





Water Utility:

Beech Grove Water

For the Month of:

April

Year:

2015

		GALLONS	
LINE #	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	6029	100%
4	TOTAL PRODUCED AND PURCHASED	6029	
	WATER SOLD		
5	Residential	1921	28%
6	Commercial	1987	29%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	. 2877	42%
11	TOTAL WATER SOLD	6785	113%
12	TOTAL WATER NOT SOLD	-756	-13%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department	7	0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	7	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22 23	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





This form approved by: EPPC/DEP/DOW, KY PSC, KRWA

1914 66

Water Utility:

Beech Grove Water

For the Month of:

May

Year:

2015

		GALLONS		
INE #	ITEM	(Omit 000's)	%	
1	WATER PRODUCED or PURCHASED			
2	Water Produced			0%
3	Water Purchased	6228		100%
4	TOTAL PRODUCED AND PURCHASED	6228		
	WATER SOLD			
5	Residential	1771		37%
6	Commercial	1561		33%
7	Industrial			0%
8	Bulk Loading Stations			0%
9	Wholesale			0%
10	Other Sales (explain) Agricultural	1460		30%
11	TOTAL WATER SOLD	4792		77%
12	TOTAL WATER NOT SOLD	1436		23%
	BREAKDOWN OF UNSOLD WATER USED			
13	Utility and/or Water Treatment Plant			0%
14	Wastewater Plant			0%
15	System Flushing			0%
16	Fire Department			0%
17	Other (explain)			0%
	TOTAL UNSOLD WATER USED	0		0%
	BREAKDOWN OF WATER LOST			
18	Tank Overflows			0%
19	Line Breaks			0%
20	Other Loss			0%
	TOTAL WATER LOST	0		0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





Water Utility:

Beech Grove Water

For the Month of:

lune

Year:

2015

		GALLONS	
LINE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	6593	100%
4	TOTAL PRODUCED AND PURCHASED	6593	
	WATER SOLD		
5	Residential	2016	
6	Commercial	1311	23%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	2356	41%
11	TOTAL WATER SOLD	5683	
12	TOTAL WATER NOT SOLD	910	14%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
1	"Other Loss"	(
2	% "Other Loss"	0%
	Number of Days in Period	
	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
	"Other Loss" per Minute (GPM)	#DIV/0!





22803000	49306000	
22144000	43372000	
659000	5934000	6.593.000

Water Utility:

Beech Grove Water

For the Month of:

July

Year:

2015

		GALLONS	
LINE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	6688	100%
4	TOTAL PRODUCED AND PURCHASED	6688	
	WATER SOLD		
5	Residential	1993	
6	Commercial	1549	
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	2582	42%
11	TOTAL WATER SOLD	6124	
12	TOTAL WATER NOT SOLD	564	8%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:			
21	"Other Loss"	0		
22	% "Other Loss"	0%		
23	Number of Days in Period			
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!		
25	"Other Loss" per Minute (GPM)	#DIV/0!		





This form approved by: EPPC/DEP/DOW, KY PSC, KRWA

26,090 1,956,565 1,982,655 10,310

Water Utility:

Beech Grove Water

For the Month of:

August

Year:

2015

		GALLONS	
LINE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	6558	100%
4	TOTAL PRODUCED AND PURCHASED	6558	
	WATER SOLD		
5	Residential	2331	36%
6	Commercial	1071	17%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	3018	47%
11	TOTAL WATER SOLD	6420	98%
12	TOTAL WATER NOT SOLD	138	2%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
-	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





This form approved by: EPPC/DEP/DOW, KY PSC, KRWA

2322325 8980

Water Utility:

Beech Grove Water

For the Month of:

September

Year:

2015

		GALLONS	
INE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	5730	100%
4	TOTAL PRODUCED AND PURCHASED	5730	
	WATER SOLD		
5	Residential	2058	
6	Commercial	635	12%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	. 2717	50%
11	TOTAL WATER SOLD	5410	94%
12	TOTAL WATER NOT SOLD	320	6%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





Water Utility:

Beech Grove Water

For the Month of:

October

Year:

2015

		GALLONS	
LINE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	5707	100%
4	TOTAL PRODUCED AND PURCHASED	5707	
	WATER SOLD		
5	Residential	2193	
6	Commercial	381	8%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	. 2214	46%
11	TOTAL WATER SOLD	4788	
12	TOTAL WATER NOT SOLD	919	16%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATERLOOT	-	0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





Water Utility:

Beech Grove Water

For the Month of:

November

Year:

2015

		GALLONS	
LINE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	5485	100%
4	TOTAL PRODUCED AND PURCHASED	5485	
	WATER SOLD		
5	Residential	1982	38%
6	Commercial	406	8%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	2886	55%
11	TOTAL WATER SOLD	5274	96%
12	TOTAL WATER NOT SOLD	211	4%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)	i i	0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
24 25	"Other Loss" per Minute (GPM)	#DIV/0!





Water Utility:

Beech Grove Water

For the Month of:

December

Year:

2015

		GALLONS	
INE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	4310	100%
4	TOTAL PRODUCED AND PURCHASED	4310	
	WATER SOLD		-
5	Residential	1426	53%
6	Commercial	322	12%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	923	35%
11	TOTAL WATER SOLD	2671	62%
12	TOTAL WATER NOT SOLD	1639	38%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





Annual Water Use Report

Water Utility:

Beech Grove Water

Year:

2014

		GALLONS	
INE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced	0	0%
3	Water Purchased	65266	100%
4	TOTAL PRODUCED AND PURCHASED	65266	
	WATER SOLD		
5	Residential	22891	44%
6	Commercial	8475	16%
7	Industrial	0	0%
8	Bulk Loading Stations	0	0%
9	Wholesale	0	0%
10	Other Sales (explain)	20428	39%
11	TOTAL WATER SOLD	51794	79%
12	TOTAL WATER NOT SOLD	13472	21%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant	0	0%
14	Wastewater Plant	0	0%
15	System Flushing	0	0%
16	Fire Department	0	0%
17	Other (explain)	. 0	0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows	0	0%
19	Line Breaks	0	0%
20	Other Loss	0	0%
	TOTAL UNSOLD WATER LOST	0	0%

"OTH	IER LOSS" FLOW RATE CALCULATION:	
	"Other Loss"	0
1	% "Other Loss"	0%
	Number of Days in Period	30
1	"Other Loss" per Day (1,000's gallons per Day)	0
	"Other Loss" per Minute (GPM)	0





Water Utility:

Beech Grove Water

For the Month of:

IANI

Year:

		GALLONS	
LINE #	ITEM	(Omit 000's) %	
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	5258	100%
4	TOTAL PRODUCED AND PURCHASED	5258	
	WATER SOLD		
5	Residential	2381	56%
6	Commercial	661	15%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural 1246	. 1246	29%
11	TOTAL WATER SOLD	4288	82%
12	TOTAL WATER NOT SOLD	970	18%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows	0	0%
19	Line Breaks	·	0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	30
24	"Other Loss" per Day (1,000's gallons per Day)	0
25	"Other Loss" per Minute (GPM)	0





Water Utility:

Beech Grove Water

For the Month of:

February

Year:

2014

LINE #	ITEM	GALLONS (Omit 000's) %	
1	WATER PRODUCED or PURCHASED	(011111 000 3) 76	
2	Water Produced		0%
3	Water Purchased	5296	100%
4	TOTAL PRODUCED AND PURCHASED	5296	1007
	WATER SOLD		
5	Residential	2043	54%
6	Commercial	867	23%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	. 840	22%
11	TOTAL WATER SOLD	3750	71%
12	TOTAL WATER NOT SOLD	1546	29%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





Water Utility:

Beech Grove Water

For the Month of:

March

Year:

2014

		GALLONS	
LINE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	5372	100%
4	TOTAL PRODUCED AND PURCHASED	5372	
	WATER SOLD		
5	Residential	1601	40%
6	Commercial	803	20%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	1622	40%
11	TOTAL WATER SOLD	4026	75%
12	TOTAL WATER NOT SOLD	1346	25%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





Water Utility:

Beech Grove Water

For the Month of:

April

Year:

2014

		GALLONS	
INE #	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		09
3	Water Purchased	4733	1009
4	TOTAL PRODUCED AND PURCHASED	4733	
	WATER SOLD		
5	Residential	1476	499
6	Commercial	189	69
7	Industrial		09
8	Bulk Loading Stations		09
9	Wholesale		09
10	Other Sales (explain) Agricultural	1333	449
11	TOTAL WATER SOLD	2998	639
12	TOTAL WATER NOT SOLD	1735	379
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		09
14	Wastewater Plant		09
15	System Flushing		09
16	Fire Department		09
17	Other (explain)		09
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		09
19	Line Breaks		09
20	Other Loss		09
	TOTAL WATER LOST	0	09

"OTHER LOSS" FLOW RATE CALCULATION:	
"Other Loss"	0
% "Other Loss"	0%
Number of Days in Period	
"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
"Other Loss" per Minute (GPM)	#DIV/0!





This form approved by: EPPC/DEP/DOW, KY PSC, KRWA

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Water Utility:

Beech Grove Water

For the Month of:

May

Year:

2014

		GALLONS	
LINE #	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	4798	
4	TOTAL PRODUCED AND PURCHASED	4798	
	WATER SOLD		
5	Residential	2386	56%
6	Commercial	421	10%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	1492	35%
11	TOTAL WATER SOLD	4299	90%
12	TOTAL WATER NOT SOLD	499	10%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
			• , ,
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





This form approved by: EPPC/DEP/DOW, KY PSC, KRWA

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Water Utility:

Beech Grove Water

For the Month of:

luno

Year:

2014

		GALLONS	
LINE #	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	5421	100%
4	TOTAL PRODUCED AND PURCHASED	5421	
	WATER SOLD		
5	Residential	2153	56%
6	Commercial	423	11%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	1262	33%
11	TOTAL WATER SOLD	3838	71%
12	TOTAL WATER NOT SOLD	1583	29%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		
16	Fire Department		0% 0%
17	Other (explain)		
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





Water Utility:

Beech Grove Water

For the Month of:

July

Year:

2014

0.90 - 100	/ Secretary	GALLONS	-
INE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	5574	
4	TOTAL PRODUCED AND PURCHASED	5574	
	WATER SOLD		
5	Residential	1958	41%
6	Commercial	739	15%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	2108	44%
11	TOTAL WATER SOLD	4805	86%
12	TOTAL WATER NOT SOLD	769	14%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





This form approved by: EPPC/DEP/DOW, KY PSC, KRWA

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Water Utility:

Beech Grove Water

For the Month of:

August

Year:

2014

		GALLONS	
LINE #	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	6686	100%
4	TOTAL PRODUCED AND PURCHASED	6686	
	WATER SOLD		
5	Residential	1768	
6	Commercial	910	
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	2375	47%
11	TOTAL WATER SOLD	5053	76%
12	TOTAL WATER NOT SOLD	1633	24%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





Water Utility:

Beech Grove Water

For the Month of:

September

Year:

2014

		GALLONS	
LINE #	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	6068	100%
4	TOTAL PRODUCED AND PURCHASED	6068	
	WATER SOLD		
5	Residential	1820	37%
6	Commercial	827	17%
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	2254	46%
11	TOTAL WATER SOLD	4901	81%
12	TOTAL WATER NOT SOLD	1167	19%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
17	Other (explain)	•	07
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

"OTHE	R LOSS" FLOW RATE CALCULATION:	
	"Other Loss"	(
1	% "Other Loss"	0%
1	Number of Days in Period	
	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
	"Other Loss" per Minute (GPM)	#DIV/0!





Water Utility:

Beech Grove Water

For the Month of:

October

Year:

2014

		GALLONS	
LINE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	5459	100%
4	TOTAL PRODUCED AND PURCHASED	5459	
	WATER SOLD		
5	Residential	1714	
6	Commercial	942	
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	2236	46%
11	TOTAL WATER SOLD	4892	
12	TOTAL WATER NOT SOLD	567	10%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





Water Utility:

Beech Grove Water

For the Month of:

November

Year:

2014

		GALLONS	
INE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	5413	100%
4	TOTAL PRODUCED AND PURCHASED	5413	
	WATER SOLD		
5	Residential	2046	40%
6	Commercial	848	179
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	2174	43%
11	TOTAL WATER SOLD	5068	94%
12	TOTAL WATER NOT SOLD	345	6%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

"OTHER	LOSS" FLOW RATE CALCULATION:	
H No.	"Other Loss"	(
	% "Other Loss"	0%
FF3.5	Number of Days in Period	
- 0	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
	"Other Loss" per Minute (GPM)	#DIV/0!





Water Utility:

Beech Grove Water

For the Month of:

December

Year:

2014

		GALLONS	
LINE#	ITEM	(Omit 000's)	%
1	WATER PRODUCED or PURCHASED		
2	Water Produced		0%
3	Water Purchased	5188	100%
4	TOTAL PRODUCED AND PURCHASED	5188	
	WATER SOLD		
5	Residential	1545	
6	Commercial	845	
7	Industrial		0%
8	Bulk Loading Stations		0%
9	Wholesale		0%
10	Other Sales (explain) Agricultural	1486	38%
11	TOTAL WATER SOLD		75%
12	TOTAL WATER NOT SOLD	1312	25%
	BREAKDOWN OF UNSOLD WATER USED		
13	Utility and/or Water Treatment Plant		0%
14	Wastewater Plant		0%
15	System Flushing		0%
16	Fire Department		0%
17	Other (explain)		0%
	TOTAL UNSOLD WATER USED	0	0%
	BREAKDOWN OF WATER LOST		
18	Tank Overflows		0%
19	Line Breaks		0%
20	Other Loss		0%
	TOTAL WATER LOST	0	0%

	"OTHER LOSS" FLOW RATE CALCULATION:	
21	"Other Loss"	0
22	% "Other Loss"	0%
23	Number of Days in Period	
24	"Other Loss" per Day (1,000's gallons per Day)	#DIV/0!
25	"Other Loss" per Minute (GPM)	#DIV/0!





This form approved by: EPPC/DEP/DOW, KY PSC, KRWA

1539418 5840

Beech Grove Water System

Proposed meter and RF system costs:

5/8 x ¾ (525 units)			1 inc	ch (55 units)
Base cost	\$62.00	•		\$115.00
Reader endpoints	\$88.00			\$ 88.00
S-Pit install kit	\$ 2.03			\$ 2.03
S-lid lock	\$ 4.50			\$ 4.50
Meter unit cost	\$156.53		·	\$264.53
	<u>X 525</u>			<u>x 55</u>
Sub-total	\$82,179.25		+	\$14,549.15
Software, hardware & installation		+	\$ 26,135.00	
Tax		+	<u>\$ 7,371.74</u>	
Total purchase		=	\$130,234.14	



QUOTATION

WATER, SEWER & GAS SUPPLIES SIGN & SAFETY SUPPLIES

P.O. Drawer 459 - 1105 State Route 77 Atwood, TN 38220 (731)662-7193 or (800)238-3836

Order Number				
1651438				
Order Date	Page			
12/9/2016 00:00:00	1 of 2			

Bill To:

BEECH GROVE WATER SYSTEM 445 STATE ROUTE 56 N CALHOUN, KY 42327 Ship To:

BEECH GROVE WATER SYSTEM 445 HIGHWAY 56 NORTH CALHOUN, KY 42327

(270) 273-5738

Customer ID:

		PO Num	ber		Ship Route			aker	
AMI (FIXED BASE) METERING SYSTEM			UTLY		SFC	SFOSTER			
Quantit Ordered	ies Remaining	Status of	Status Key B = Backorder D = Direct C = Canceled	Item ID Item Description	on			Unit Price	Extended Price
Oraerea	Kemaining	Balance	P = In Production		 		Unit Size		
		Deliv	ery Instructions:	****CALL DAY	Y BEFORE***				
525	525				IER MULTI-JET ME ICODER 5' BARE V		EA	62.0000	32,550.00
55	55				ULTIJET METER U ICODER 5' BARE V		EA	115.0000	6,325.00
580	580			ST2BW ZENNER STE	ALTH READER EN	DPOINTS	EA	88.0000	51,040.00
10	10			MIUR ZENNER STE	ALTH MIU REPEAT	ΓER	EA	96.0000	960.00
1	1			BILLING INT			EA	5,000.0000	5,000.00
1	1		<u>-</u>	STEALTH-HA STEALTH HA	NDHELD NDHELD UNIT W/	CRADLE KIT	EA	3,200.0000	3,200.00
1	1			SCE ZENNER STE READY	ALTH COLLECTOR	R ETHERNET	EA	3,200.0000	3,200.00
2	2			SERAC ZENNER STE AC POWEREI	ALTH ENHANCED	REPEATER	EA	975.0000	1,950.00
2	2			SERB ZENNER STE BATTERY PO	ALTH ENHANCED WERED	REPEATER	EA	825.0000	1,650.00
1	1			STEALTH-SO	FTWARE		EA	1,200.0000	1,200.00



QUOTATION

WATER, SEWER & GAS SUPPLIES SIGN & SAFETY SUPPLIES

P.O. Drawer 459 - 1105 State Route 77 Atwood, TN 38220 (731)662-7193 or (800)238-3836

Order Number				
1651438				
Order Date	Page			
12/9/2016 00:00:00	2 of 2			

Quanti	ties		Status Key B = Backorder	Item ID		Unit Price	Extended Price
Ordered	Remaining	Status of Balance	D = Direct C = Canceled P = In Production	Item Description	Unit Size		
				STEALTH READER SOFTWARE			
10	10			PROJECT MANAGEMENT PROJECT MANAGEMENT OPTIONAL IF PROJECT IS TURNKEY - SPECIFIC AMOUNT DEPENDENT ON PROJECT SCOPE OF WORK	EA	1,200.0000	12,000.00
580	580			S-PIT-INSTALLKIT STEALTH PIT INSTALL KIT	EA	2.0300	1,177.40
580	580			S-LID/LOCK-SHORT-EXT STEALTH LID & LOCK SHORT W/EXT	EA	4.5000	2,610.00
Total Lines: 13				SU	B-TOTAL:	122,862.40	
						TAX:	7,371.74
					AMO	UNT DUE:	130,234.14
						U.S. Dollars	