

Beech Grove Water System, Inc.

445 Highway 56 N

Calhoun KY 42327

beechgrovewaters@bellsouth.net

March 5, 2015

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

CASE NO.
2014-00306

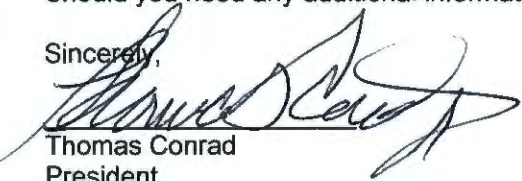
RE: KAR 5:066, Section 5, Pressures
Clarification of Information
Beech Grove Water System, Inc.

Dear Mr. Jeff Derouen:

Enclosed are the original and ten (10) copies for the water pressure clarification.

Should you need any additional information, please let me know.

Sincerely,


Thomas Conrad
President

Prepared by
Sheila Murphy

RECEIVED

MAR 9 2015

PUBLIC SERVICE
COMMISSION

**Beech Grove Water System
Water Pressure Clarification
Index**

Page 1 & 2	Letter to clarify water pressure at meters
Page 3	Map of existing meter locations
Page 4	Map of proposed meter locations
Page 5	Certification of Response
Page 6	Board minutes

**Beech Grove Water System, Inc.
445 State Route 56 North
Calhoun, Kentucky 42327
(270) 273-5738**

March 4, 2015

**Mr. George Wakim, P.E., Manager
Water & Sewer Branch, Engineering Division
Commonwealth of Kentucky
Public Service Commission
211 Sower Blvd.
PO Box 615
Frankfort, Kentucky 40602-0615**

Dear Mr. Wakim:

**RE: 807 KAR 5:066, Section 5, Pressures
Clarification of Information
Beech Grove Water System, Inc.**

The purposes of this letter are to provide clarification of conflicting information that has been submitted to the Public Service Commission and to present the plan for bringing the System into compliance with 807 KAR 5:066, Section 5, Pressures. The information herein has been developed through interaction with Beech Grove Water System's personnel, Mr. Les Stuart, of The Stuart Associates, as well as conversations with you and Mr. David Spenard, with PSC's Division of Legal Counsel.

Specifically, with reference to your letter of January 22, 2015, it was pointed out that differences in the number of customers' meters not in compliance with the referenced KAR, had been submitted by the System to PSC. In one instance, we had stated that there were "zero" customers with insufficient pressure at their points of service, whereas we later stated that there were 5 meters in non-compliance. In actuality, there are four (4) meters that are in non-compliance as shown on the attached maps. The fifth meter (5th) meter in question is shown on the map for reconciliation of the numbers, although it has adequate pressure at the meter. The confusion arose because the house is located at a higher elevation than the meter and the pressure at the house is lower than the 30 psi requirement. The homeowner had installed a bladder tank system to increase

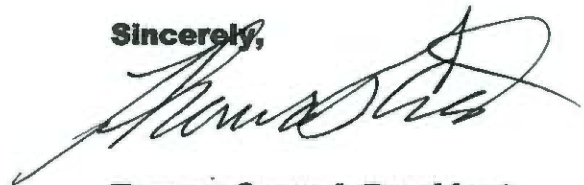
pressure in the residence, but this meter was erroneously reported as being in non-compliance.

As discussed between you, Mr. Spenard and Mr. Stuart, the relocation of the meters will not increase the pressures within the structures served, despite bringing the System into compliance with 807 KAR 5:066, Section 5, Pressures. The proximity of each of these customers to the Wrightsburg # 2 tank, minimizes the impact of the lower pressures since friction losses within the lines serving the customers are very low. Thus, abundant flows are available, thereby compensating for the lower pressure. Consequently, none of the customers have complained about their pressure due to the high quantity of water available to them.

The Beech Grove Water System Board of Commissioners has voted to relocate the four (4) meters presently not in compliance with PSC's regulations. The relocations will begin as soon as weather permits, with all relocations to be accomplished prior to September 1, 2015. The minutes of the meeting containing the approval of the relocations are attached hereto.

Thank you and Mr. Spenard for your valuable cooperation and assistance with bringing the Beech Grove Water System into compliance with 807 KAR 5:066, Section 5, Pressures. If you or your staff have questions or desire additional information regarding this correspondence, please do not hesitate to call Ms. Shella Walsh of our staff at (270) 273-5738, or Mr. Les Stuart, with The Stuart Associates at (615) 889-7644. I look forward to interacting with you.

Sincerely,

A handwritten signature in black ink, appearing to read "Tommy Conrad", written in a cursive style.

**Tommy Conrad, President
Beech Grove Water System, Inc.**

Beech Grove Water System, Inc.

Existing Meter Locations



Google earth



<u>Customer's Existing Meter Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Ground Level* (Feet MSL)</u>	<u>Pressure (Psi)</u>
1. Douglas	N 37 36' 07.09"	W 87 23' 50.54"	636	10.39
2. Tanner trailer	N 37 36' 04.36"	W 87 23' 50.54"	598	26.85
3. Devin Tanner	N 37 36' 04.63"	W 87 23' 53.45"	607	22.95
4. Jerry Jordan	N 37 36' 02.98"	W 87 23' 47.78"	595	28.15
5. Glen Tanner	N 37 35' 57.11	W 87 23' 41.96"	573	36.71

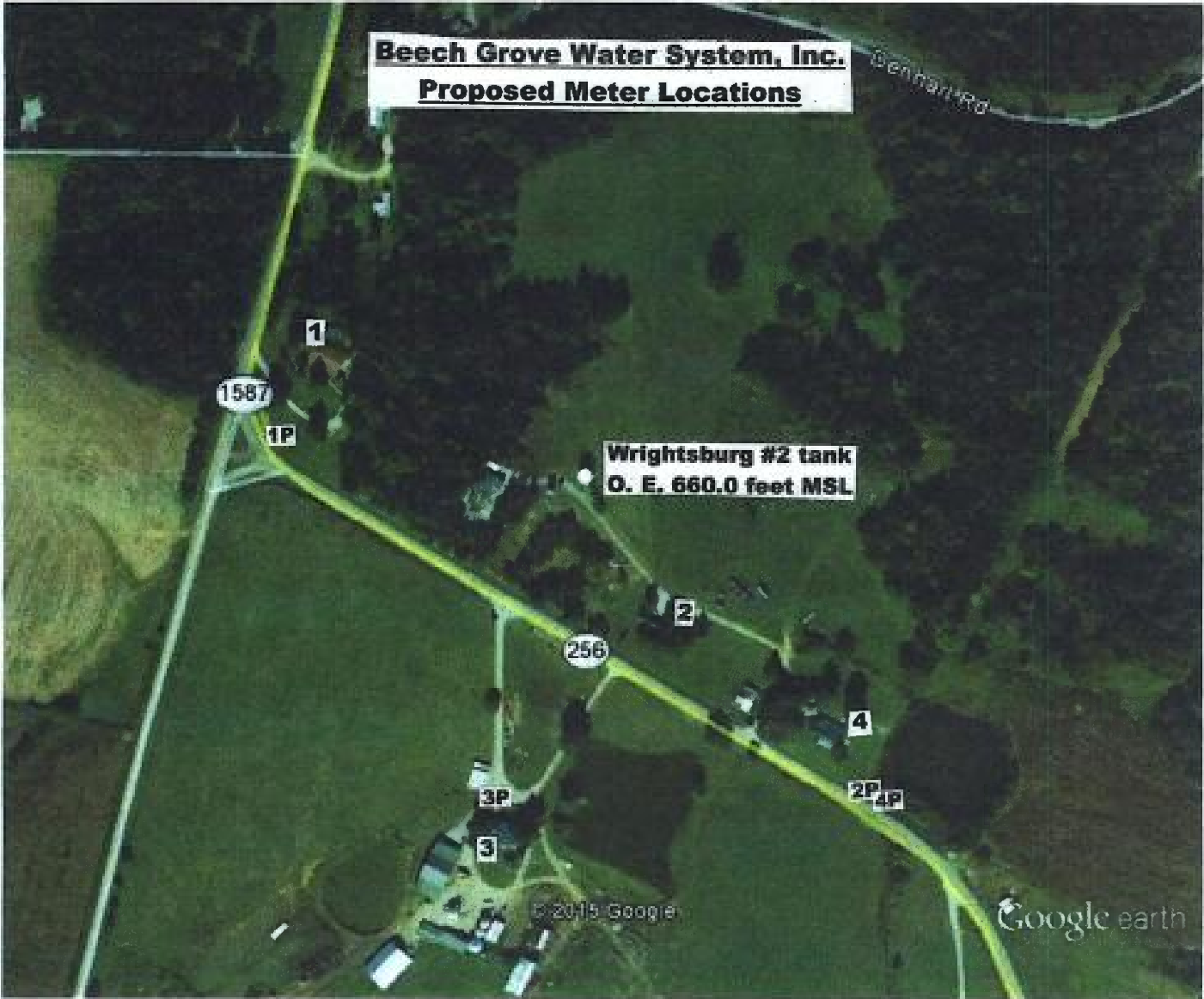
*Ground elevations determined from Google earth maps

Note: Pressures increase approximately 0.65 psi due to bury depth of meter (18 inches)

Prepared by:
The Stuart Associates
 6111 South Mount Juliet Road
 Hermitage, Tennessee 37076
 (615) 889-7644



**Beech Grove Water System, Inc.
Proposed Meter Locations**



Google earth



<u>Customer's Proposed Meter Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Ground Level * (Feet MSL)</u>	<u>Pressure (Psi)</u>
1. Douglas	N 37 36' 47.64"	W 87 23' 58.33"	588	31.18
2. Tanner trailer	N 37 36' 01.55"	W 87 23' 44.97"	588	31.18
3. Devin Tanner	N 37 36' 01.47"	W 87 23' 53.41"	587	31.61
4. Jerry Jordan	N 37 36' 01.53"	W 87 23' 44.94"	588	31.18
5. Glen Tanner (Meter not moved)	N 37 35' 57.11"	W 87 23' 41.96'	573	36.71

*Ground elevations determined from Google Earth maps
 Note: Pressures increase approximately 0.65 psi due to bury depth of meter (18 inches)

Prepared by:

The Stuart Associates
 6111 South Mount Juliet Road
 Hermitage, Tennessee 37076
 (615) 889-7644



**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

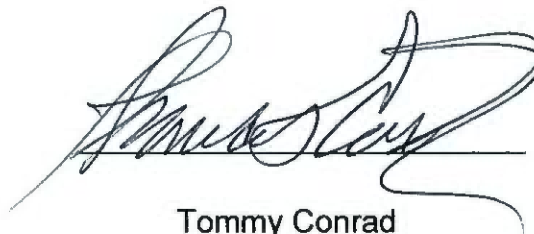
CASE NO.
2014-00306

RE: KAR 5:066, Section 5, Pressures
Clarification of Information
Beech Grove Water System, Inc.

**** ****
**CERTIFICATION OF RESPONSE TO COMMISSION
STAFF'S FIRST INFORMATION REQUEST**
**** ****

This is to certify that I have supervised the preparation of the Applicant's Response to the Commission Staffs First Information Request. The responses submitted on behalf of Beech Grove Water System are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.

Date: March 6, 2015



Tommy Conrad
President

Prepared By
Sheila Murphy

BEECH GROVE WATER SYSTEM

MEETING

FEBRUARY 10, 2015

Financial report

Checking - XX.XX
Savings - XX.XX

The Board of Beech Grove Water System held its monthly meeting on Feb 10, 2015 at 6:00 p.m. at the Beech Grove Fire Dept. 445 Hwy 56 N Calhoun KY 42327

Present were President Tommy Conrad, Secretary-Treasurer Shirley Cheatham, Nolan Clouse, Michael Wahl and Sheila Murphy.

President Tommy Conrad declared that a quorum was present and called the meeting to order.

MINUTES & FINANCIAL REPORT

The Minutes of the Jan, 2015 meeting were reviewed. Motion was made by Shirley and seconded by Nolan to approve the minutes as prepared. Motion carried unanimously.

Old Business

PSC Storage Tank Deviation – sent letter to PSC from West Daviess Water that the storage tank at West Louisville has a 100,000 gallon storage allotted to Beech Grove Water.

PSC Annual Report – Tonya is working with me to get the report completed.

New Business

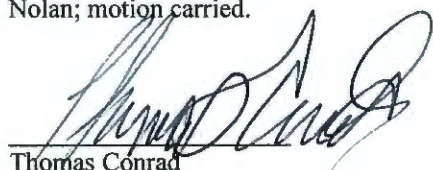
Water pressure from the storage tank is below PSC requirements at the meters on Wrightsburg Hill. Motion was made by Nolan to a move the water meters to a lower elevation if it would bring us in compliance with PSC. Seconded by Shirley, motion carried.

Motion was made by Nolan accept nominations for new water board members Nathan Ward, Greg Cheatham & Robert Douglas. Seconded by Shirley, motion carried.

Water meter was turned on without contacting BG Water Sunday. The meter was not locked; there was no lock on meter. Michael checked meter Monday Morning 200 gallons of water have been used. We Turn water off Monday morning, checked meter today meter was turned back on. Meter has been pulled out of the ground. I called County Attorney office Lori said we can have the person charged for theft. Motion was by Shirley to charge customer \$50.00 for turning the meter on twice without notifying BGWS. 2nd by Nolan, all approve.

ADJOURMENT

There being no further business to come before the board, motion was made by Shirley to adjourn. Seconded by Nolan; motion carried.



Thomas Conrad