

Exhibit No.: _____
Issue: Systems Operations and
Management
Witness: Michael T. McDuffey
Sponsoring Party: Folsom Ridge LLC and Big
Island Homeowners Water
and Sewer Association, Inc.

Case No.: Case No. WO-2007-0277
**Joined for hearing with
Case No. WC-2006-0082**

FOLSOM RIDGE LLC AND
BIG ISLAND HOMEOWNERS WATER AND SEWER ASSOCIATION, INC..

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SURREBUTTAL TESTIMONY

OF

MICHAEL T. MCDUFFEY

Camdenton, Missouri
February, 2007

1 **SURREBUTTAL TESTIMONY**
2 **MICHAEL T. MCDUFFEY**

3 Q. **Please state your name and your business address.**

4 A. My name is Michael T. McDuffey. My business address is 840 Thunder
5 Mountain Road, Camdenton, Missouri 65020.
6

7 Q. **Are you the same Michael T. McDuffey who filed written direct and rebuttal**
8 **testimony in this matter?**

9 A. Yes, I am.
10

11 Q. **What is the purpose of your surrebuttal testimony?**

12 A. I will respond to the rebuttal testimony filed by Mr. Jim Merciel in this matter.
13

14 **Mr. Merciel's testimony**

15 Q. **On page 4 of his rebuttal Mr. Merciel mentioned some technical issues with**
16 **respect to the water and wastewater systems on Big Island which Mr. Martin**
17 **Hummel discussed in his prefiled testimony in Case No. WA-2006-0480.**
18 **Directing you to page 4 line 16 of Mr. Hummel's rebuttal testimony, which**
19 **was attached to Mr. Merciel's filing, can you tell the Commission whether**
20 **those technical issues been addressed?**

21 A. Yes. Mr. Krehbiel will also be testifying about Mr. Hummel's list.
22

1 On page 5 of Mr. Hummel's testimony he discusses leak detection on the systems.
2 Mr. Hummel and Mr. Merciel are correct that detection and correction of leaks in
3 these systems is important. Regarding leaks, or low pressure, in the water system,
4 this tends to take care of itself since low pressure is quickly noted by customers
5 and called in. Correction of low pressure on the water system has been quickly
6 corrected following notification. Regarding the wastewater system, as Mr.
7 Krehbiel will address in his testimony, the 393 Companies have considered
8 obtaining flow measurement equipment.

9

10 Q. **Mr. Hummel recommends installation of utility owned shut off valves for**
11 **each water and sewer service connection.**

12 A. I have testified already regarding the installation of shut off valves for each home
13 on the causeway, a matter mentioned in Mr. Pugh's direct testimony, but
14 throughout each system, I have verified that a shut off valve for both the water
15 service and the sewer service has been installed for each connection.

16

17 Q. **Also on page 5, Mr. Hummel recommends establishment of a water main**
18 **repair procedure and evaluation of mains for installation of isolation valves.**

19 A. This has been done already through LOWS.

20

21 Q. **Mr. Hummel also recommends that directions be given on the responsible**
22 **party for installation, construction inspection, and operation of the septic**
23 **tanks. Has this been done?**

1 A. I am attaching as MTM Surrebuttal Schedule 1, a copy of Big Island Association
2 standards which govern connection to the water and sewer systems, and MTM
3 Surrebuttal Schedule 2, a copy of the specifications for the septic tank to used for
4 connection to the wastewater system. Mr. Hummel recommends that annual tank
5 inspections be conducted and that is done in connection with the annual
6 inspection of effluent filters for the tanks. The specifications and procedures set
7 out on the attached schedules should agree with Mr. Hummel's recommendations.

8

9 Q. **Does this conclude your surrebuttal testimony?**

10 A. Yes, it does.