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BY HAND DELIVERY

Tim Vaccaro
Division of Legal Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399

Re: Docket No. 960444-WU

Dear Tim:

As discussed during Mr. Rasmussen's deposition, there are several corrections to pages 12 and 14 of his testimony and to his exhibit DR-5. Enclosed are revised copies of those pages.

If you have any questions, please call.

Very truly yours,

Richard D. Melson

ACK
AFA 1
APP _____
CAF _____ RDM/cc
CMU _____ Enclosure
CTR _____ cc: Harold McLean
EAG _____ Blanca Bayo (15 copies)
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FPSC-RECORDS/REPORTING

1 unaccountable water for these older systems. This would
2 reduce the excessive unaccountable water by 245 GPD and
3 567 GPD respectively.

4
5 When these factors are applied to these systems, none of the
6 unaccountable water is excessive.

7
8 **Q. Is the Staff's use of 10% as an acceptable level of**
9 **unaccountable water widely accepted in the industry?**

10 A. No. The 10% level in which the Staff relies upon is a general
11 guideline, but not a steadfast rule. Attached as Exhibit ___
12 (DR-4) is a reprint from an American Water Works Association
13 (AWWA) publication entitled "Water Distribution Training
14 Course." This publication is quite clear that the amount of
15 unaccounted for water is entirely dependent on the system
16 involved and its characteristics. Specifically it states,

17
18 "The proper amount of unaccounted for water in any given
19 system is a function of that system alone. It might range, in a
20 substantially fully metered system, from as much as 35
21 percent to as little as 5 percent. The former percentage may
22 apply if pressures are very high and variable, leakage is
23 difficult to detect and remedy, the pipe system is extensive and
24 old, or practically all customers use water only in small
25 amounts (a principal cause of under registration of meters).
26 The smaller percentage may be the result of low pressures, the

1 served is 35 instead of 70. The correct total number of lots is
2 70 instead of 121.

3

4 The Highland Point - Crescent Bay - Crescent West and Lake
5 Crescent Hills, system includes the South Clermont area and
6 Preston Cove. In the South Clermont area, mains were
7 extended to serve homes with EDB many of the mains passed
8 existing homes with wells. These homes will probably never
9 connect to the water system and therefore they should not be
10 included in the calculation. There were 44 of these homes in
11 the South Clermont area.

12

13 The total number of lots in this area is 918. The number of
14 lots serviced in this area is 455. These figures are represented
15 in Exhibit ___ (DR-5).

16

17 In The Oranges and Vistas the correct total number of lots is
18 211. The correct number of lots served is 118.

19

20 **Q. Where did you obtain your lot counts and number of**
21 **connections as of December 31, 1995?**

22 A. I counted the number of potential lots served from maps of
23 each individual subdivision. The maps are provided to the
24 utility from the developers and previous owners.

25

26 The number of connections are simply the number of
27 customers tapped into our system at December 31, 1995.

28

Distribution System(s) for LUSI

# of Lots Served	Total # of Lots
------------------------	--------------------

Clermont II	35	70
-------------	----	----

Highland Point	32	48
Crescent Bay	45	107
Crescent West	70	102
Lake Crescent Hills	77	138
Preston Cove	49	107
South Clermont Region	182	677
*EDB customers		* -44
Total	455	1,135

Oranges/Vistas	118	211
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* Note - When water lines were installed to serve EDB homes the mains passed 44 existing homes with wells