



Public Service Commission

-M-E-M-O-R-A-N-D-U-M-

DATE: April 4, 2002
TO: Division of Commission Clerk and Administrative Services
FROM: Patricia Brady, Division of Economic Regulation *pb pp*
RE: Docket No. 020091-WS - Application for transfer of facilities and Certificates Nos. 517-W and 450-S in Brevard Country from Service Management Systems, Inc. to IRD Osprey, LLC d/b/a Aquarina Utilities.

Please add to the docket file the attached letter dated April 2, 2002, from F. Marshall Deterding, for the utility, to Richard Redemann, Commission staff. The letter attaches information provided by James Bates concerning operation of the system.

Attachment:

cc: Division of Economic Regulation (Redemann)
Office of the General Counsel (Vining)
Division of Commission Clerk and Administrative Services (Security File)

DOCUMENT NUMBER-DATE
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FPSC-COMMISSION CLERK

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April 2, 2002

Richard Redemann, P.E.
Division of Regulatory Oversight
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

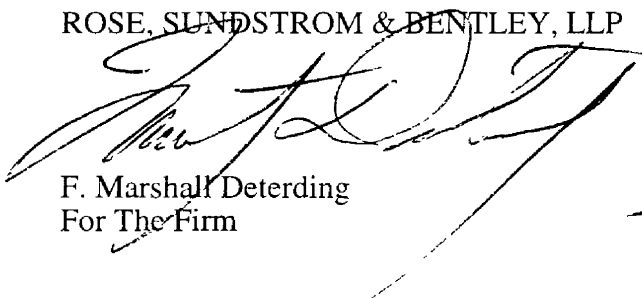
Re: IRD Osprey, LLC d/b/a Aquarina Utilities; PSC Docket No. 020091-WS
Transfer of Certificates from Service Management Systems, Inc. f/k/a/ Aquarina Utilities,
Inc. to IRD Osprey, LLC
Our File No. 36082.01

Dear Richard:

Attached is a copy of a letter I received from Jim Bates at Service Management Systems, Inc. f/k/a Aquarina Utilities, Inc., concerning operation of the system. If you have any further questions, please let me know.

Sincerely,

ROSE, SUNDBSTROM & BENTLEY, LLP


F. Marshall Deterding
For The Firm

FMD\tms
cc: Robert Frazier, Esq.

indian\5redemann.ltr

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RECEIVED
JANUARY

F. Marshal Deterding
Rose, Sundstrom & Bentley, LLP
2548 Blairstone Pines Drive
Tallahassee, Florida 32301

Re: Service Management Systems, Inc. f/k/a Aquarina Utilities, Inc.
Transfer of Utility System
Your file no. 36082.01

Dear Sir:

In response to your letter of March 8, 2002, I am providing the following responses to the two questions asked.

The raw water well presently used as a source for the fire/irrigation system is an artesian well that originally flowed 600 gallons per minute at the wellhead. Based on the pump curve and the piping between the well and the large storage tank, we calculate that the operating flow is 640 GPM, or 0.92 MGD. Additionally, there are two lake pumps in the stormwater system that can each pump 100 GPM, or 0.29 MGD for the two of them. The original concept for this fire/irrigation system included the use of the reclaimed water from the wastewater treatment plant, but this is not currently being done.

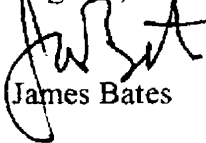
The two 60 HP pumps are rated at 1,000 GPM per the operation and maintenance manual, and hydrant flow tests done in September of 2001 confirmed that 1,000 GPM at 80 PSI can be obtained at the hydrant on the entrance road near Highway A1A.

The nameplate on the 20 HP pump connected to the small hydro-pneumatic tank indicates that the pump is rated for 300 GPM at 140 feet of head. These numbers fit well with a 20 HP motor.

The hydro-pneumatic tank has no nameplate information on it. The diameter is 36" and the height is nearly 10'-11". The total volume is about 576 gallons. Allotting 1/3 of it as working volume give 190 gallons as a net capacity. It was intended for pressure maintenance when originally installed, using a smaller jockey pump.

We trust that this information will be sufficient.

Regards,



James Bates

CC. Marty Sadkin