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ORIGINAL  
FILE COPY

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STATE OF FLORIDA  
PUBLIC SERVICE COMMISSION

IN RE: )  
)  
Petition of **SANLANDO UTILITIES** )  
**CORPORATION** For A Limited )  
Proceeding to Implement Water )  
Conservation Plan in )  
Seminole County )

DOCKET NO. **930256-WS**

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that the original and fifteen (15) copies of each of the Testimonies of Christopher Sweazy and Yaping Wang were filed with the Division of Records and Reporting, Florida Public Service Commission, by Federal Express, and one (1) true and correct copy of each Testimony was forwarded by United States Mail this 21st day of July 1994, to the following parties of record:

- ACK \_\_\_\_\_
- AFA \_\_\_\_\_
- APP \_\_\_\_\_
- CAF \_\_\_\_\_
- CMU \_\_\_\_\_
- CTR \_\_\_\_\_
- EAG \_\_\_\_\_
- LEG 0' Sullivan
- LIN 4 orig
- OPC \_\_\_\_\_
- RCH \_\_\_\_\_
- SEC 1
- WAS Willis
- OTH \_\_\_\_\_

CLEATOUS J. SIMMONS, ESQUIRE  
Lowndes, Drosdick, Doster, Kantor & Reed  
215 N. Eola Drive  
Post Office Box 2809  
Orlando, Florida 32802;

KATHY BIDDELL  
Florida Public Service Commission  
101 East Gaines Street  
Tallahassee, Florida 32399-0850;

MAGGIE O'SULLIVAN, ESQUIRE  
Division of Legal Service  
Florida Public Service Commission  
101 East Gaines Street  
Tallahassee, Florida 32399-0850;

*Sweazy*  
DOCUMENT NUMBER-DATE  
**07440** JUL 22 1994  
FPSC-RECORDS/REPORTING

*Wang*  
DOCUMENT NUMBER-DATE  
**07441** JUL 22 1994  
FPSC-RECORDS/REPORTING

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ROBERT E. SWETT  
106 Wyndham Court  
Longwood, Florida 32779;

JACK HIATT  
1816 Wingfield Drive  
Longwood, Florida 32779; and

CHARLES LEE, SENIOR VICE PRESIDENT  
Florida Audubon Society  
460 Highway 436, Suite 200  
Casselberry, Florida 32707.

Respectfully submitted,

*Nancy B. Barnard*

NANCY B. BARNARD  
Florida Bar No. 726664  
Attorney for St. Johns River  
Water Management District  
Post Office Box 1429  
Palatka, Florida 32178-1429  
(904) 329-4153

**ORIGINAL  
FILE COPY**

1           BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION  
 2           PREPARED DIRECT TESTIMONY OF CHRIS SWEAZY  
 3   ON BEHALF OF ST. JOHNS RIVER WATER MANAGEMENT DISTRICT  
 4           DOCKET NO. 990256-WS  
 5           JULY 1994

6  
7 Q1: Please state your name and occupation.

8 A1: Christopher Lee Sweazy. I work for the St. Johns  
9 River Water Management District as Division Director of  
10 Water Use Regulation in the Department of Resource  
11 Management.

12  
13 Q2: Please describe your employment history with the  
14 District.

15 A2: I started in 1991 as an Hydrologist III in the Orlando  
16 Field Office and was promoted to an Hydrologist IV in  
17 1992. In 1994, I was promoted to interim Division  
18 Director of Water Use Regulation and now permanently  
19 hold that position.

20  
21 Q3: Please describe your duties as Division Director of  
22 Water Use Regulation.

23 A3: I primarily supervise 10 employees (Hydrologists) who  
24 review Consumptive Use Permit applications. I also  
25 work with the Department Director to establish policy

1 or implement existing policy through the Consumptive  
2 Use Permitting program.

3

4 Q4: Please describe your employment history prior to the  
5 District.

6 A4: Prior to working with the District, I was employed as  
7 an hydrogeologist with a private consulting firm in  
8 Winter Park, Florida. My duties included geologic  
9 interpretation, field testing of aquifers, groundwater  
10 modeling and general project management.

11

12 Q5: Are you familiar with Sanlando Utilities' Petition for  
13 Limited Proceeding to Implement Water Conservation  
14 Plan?

15 A5: Yes.

16

17 Q6: Is the plan one which the District supports as a policy  
18 matter? Please explain.

19 A6: Yes. The District is charged with the protection and  
20 management of our water resources. The District  
21 regulates, through Part II of chapter 373 of Florida  
22 Statutes, the Consumptive Uses of Water. An applicant  
23 for a Consumptive Use Permit typically requests an  
24 allocation from the Floridan Aquifer for its use. If  
25 that use is a non-potable use, then the District can

1 promote protection of the water resources by reducing  
2 the amount of potable water that is used for non-  
3 potable uses. A major non-potable use is irrigation.

4  
5 This reuse plan protects water resources in multiple  
6 ways: First, the proposed receiver of the reuse water,  
7 the golf courses, currently use groundwater for  
8 irrigation, a non-potable use. The use of the reuse  
9 water will reduce the golf courses' withdrawals from  
10 the aquifer and therefore minimize any future impacts  
11 which that use may have caused. The District, in its  
12 Consumptive Use program, strives to reduce if not  
13 eliminate withdrawals of potable water for non-potable  
14 uses.

15  
16 Second, the wastewater from the treatment plant will no  
17 longer discharge into the Little Wekiva River. As a  
18 policy matter, the District supports this. However,  
19 the Department of Environmental Regulation, now the  
20 Department of Environmental Protection, addressed this  
21 in Sanlando Utilities' operating permit. The FDEP  
22 permit was granted upon Sanlando meeting certain  
23 'acceptable' standards or limits.

24  
25 Third, the plan proposes to distribute 250,000 gallons

1 per day to its customers for non-potable uses. When  
2 the Utility distributes reuse water to its own  
3 customers for non-potable uses, it reduces the total  
4 amount of water the Utility needs to serve its customer  
5 base. The reduced need results in less water withdrawn  
6 from the aquifer which is a benefit.

7  
8 In addition, 1994 statutory changes to chapter 373,  
9 Part II, state that encouragement and promotion of  
10 water conservation and reuse of reclaimed water are  
11 state objectives and considered to be in the public  
12 interest. The Legislature found that the use of  
13 reclaimed water provided by domestic wastewater  
14 treatment plants permitted and operated under a reuse  
15 program approved by the Department, and Sanlando  
16 Utilities is such a plant, is environmentally  
17 acceptable and not a threat to public health and  
18 safety.

19  
20 The Utility's plan will protect the water resources by  
21 reducing the amount of water withdrawn from the aquifer  
22 for non-potable uses. It will reduce the amount of  
23 groundwater that the Utility will need to distribute  
24 via its potable system, 250,000, and will reduce the  
25 amount of water that the golf courses will need which

1 is permitted by the District up to 1.1 mgd.

2

3 Q7: Does the District have a policy about who should pay  
4 for the reuse? Please explain your answer.

5 A7: The District looks at ways protect the water resources  
6 and not necessarily who pays for the protection. In  
7 permitting consumptive uses of water, the District  
8 routinely conditions permits to require use of  
9 reclaimed water when it becomes "available." Available  
10 has meant technically, economically and environmentally  
11 feasible. Economically feasible has involved a  
12 discussion about costs. The District allows the permit  
13 applicant to demonstrate that use of the reclaimed  
14 water is not economically feasible. The District can  
15 assist the permit applicant in researching economic  
16 alternatives.

17

18 The recent statutory changes state that reclaimed water  
19 is presumed available when a utility exists which  
20 provides reclaimed water, which has uncommitted  
21 reclaimed water capacity and which has distribution  
22 facilities, which are initially provided by the utility  
23 at its cost, to the site of the affected applicant's  
24 proposed use.

25

1 The District does not have a policy on who should pay  
2 and how much. Our role is to protect water resources  
3 and if that means that an applicant enters into a  
4 contract regarding the cost of implementation of a  
5 reuse project to satisfy the permit condition, then the  
6 permit applicant carries that burden.

7

8 Q8: Are you sponsoring any exhibits as part of your  
9 testimony?

10 A8: Yes. St. Johns River Water Management District  
11 Exhibit 1 is a copy of the Consumptive Use Permit for  
12 Sanlando Utilities. St. Johns River Water Management  
13 District Exhibit 2 is a copy of the Consumptive Use  
14 Permit for Sweetwater Country Club, and St. Johns River  
15 Water Management District Exhibit 3 is a copy of the  
16 Consumptive Use Permit for the Wekiva Golf Club. St.  
17 Johns River Water Management District Exhibits 4 and 5  
18 are copies of the Consumptive Use Permit for the Sabal  
19 Point Golf Course. The fact that there are two copies  
20 of the permit will be discussed later in my testimony.

21

22 Q9: How much groundwater is allocated to Sanlando  
23 Utilities?

24 A9: Referring to Exhibit 1, for 1994, maximum annual  
25 withdrawals must not exceed 4,185.5 million gallons or



1 an average of 11.47 million gallons a day or mgd. In  
2 addition, maximum daily withdrawals must not exceed  
3 19.838 million gallons. This means that the utility  
4 can withdraw 19.838 million gallons on any given day  
5 but the yearly withdrawal cannot exceed 4,185.5 million  
6 gallons which is an average of 11.47 millions gallons  
7 per day.

8

9 Q10: Does the CUP for Sanlando include conditions regarding  
10 reuse?

11 A10: Yes. There are two conditions regarding reuse.

12 First, condition number 11 states "treated effluent  
13 must be used as irrigation water when it becomes  
14 practical, economically feasible, and permissible under  
15 applicable state and federal statutes or regulations  
16 promulgated thereunder." Second, condition number 17  
17 states "the permittee must continue negotiations with  
18 the Wekiva Golf and Sweetwater Country Clubs for  
19 implementing a reuse plan for Sanlando's treated  
20 effluent at these sites."

21

22 Q11: How does the plan submitted with the Petition for  
23 Limited Proceeding affect those permit conditions?

24 A11: The plan does not completely satisfy those permit  
25 conditions but it shows that Sanlando is moving towards

1 reuse. The District supports the approval and  
2 implementation of the plan at this time. The Sanlando  
3 Utilities' Consumptive Use Permit expires in 1997. If  
4 the Commission approves the plan, then it could be  
5 implemented by the time their permit expires.  
6 Otherwise, in 1997, these same discussions will occur  
7 and we have lost three years of potential reuse.

8

9 Q12: How does the reuse plan affect the allocation to  
10 Sanlando?

11 A12: If 250,000 gallons per day are distributed to  
12 customers of Sanlando, then those customers will not  
13 need groundwater from the utility for their use.  
14 Therefore, the allocation to Sanlando can be reduced by  
15 that 250,000 gpd.

16

17 Q13: Do the three golf courses to which Sanlando Utilities  
18 proposes to distribute reuse water currently receive  
19 service from Sanlando Utilities?

20 A13: No. Each of the golf courses have separate  
21 Consumptive Use Permits issued by the District with  
22 separate wells as withdrawal points.

23

24 Q14: What is the allocation for each?

25 A14: For Sweetwater Country Club, the allocation is 131.0

1 million gallons maximum annually or 0.36 million  
2 gallons per day on average. The monthly maximum  
3 allocation is 17.5 million gallons. This permit  
4 expires in April of 1995. See permit conditions 11, 12  
5 and 13 on Exhibit 2.

6  
7 For Wekiva Golf Club, the allocation is 106.2 million  
8 gallons per year or 0.29 million gallons per day on  
9 average with a monthly maximum of 14.2 million gallons.  
10 This permit expires in May of 1995. See permit  
11 conditions 12, 13 and 14 on Exhibit 3.

12  
13 Referring to Exhibits 4 and 5 for Sabal Point Country  
14 Club, the maximum annual allocation is 164.7 millions  
15 gallons or 0.45 million gallons per day on average.  
16 See permit condition 14 on Exhibit 4 and permit  
17 condition 12 on Exhibit 5. There are two permit  
18 exhibits for Sabal Point Golf Course because the permit  
19 was transferred after it was originally issued in May  
20 of 1991. The issuance date stayed the same but some  
21 conditions have changed because the current permittee  
22 purchased less than the whole property. The monthly  
23 maximum allocation was reduced to 20.0 million gallons.  
24 See permit condition 13 on Exhibit 5. The permit  
25 expires in May 1995. See permit condition 13 on

1 Exhibit 4 and permit condition 11 on Exhibit 5.

2

3 Q15: Are there reuse conditions on the permits?

4 A15: Yes. Referring to Exhibit 2 for Sweetwater Country  
5 Club, permit condition 9 states "treated effluent must  
6 be used as irrigation water when it becomes practical,  
7 economically feasible, and permissible under applicable  
8 state and federal statutes or regulations promulgated  
9 thereunder." Permit condition 14 states "the permittee  
10 must accept and utilize treated effluent from Sanlando  
11 Utilities, or any other source, when it becomes  
12 available unless the permittee demonstrates that its  
13 use is not environmentally or technically feasible.  
14 When reuse water is accepted, the permittee must modify  
15 this permit to include the reuse in place of  
16 groundwater from the Floridan Aquifer."

17

18 Referring to Exhibit 3 for Wekiva Golf Club, permit  
19 condition 15 states "treated effluent must be used as  
20 irrigation water when it becomes available,  
21 economically feasible, and permissible under applicable  
22 state and federal statutes or regulations promulgated  
23 thereunder."

24

25 For Sabal Point Golf Club, in May 1991 when the permit

1 was issued to Sabal Point Country Club, ltd., permit  
2 condition no. 10 Stated "treated effluent must be used  
3 as irrigation water when it becomes available,  
4 economically feasible, and permissible under applicable  
5 state and federal statutes or regulations promulgated  
6 thereunder." Permit condition no. 18 stated that the  
7 "permittee must accept and utilize treated effluent  
8 from Sanlando Utilities, or any other provider, when it  
9 becomes available." See Exhibit 4. Soon after the  
10 permit was issued, a request to transfer the permit to  
11 Orlando Resort Corporation was received. During the  
12 transfer of the permit, the referenced conditions were  
13 omitted in error. See Exhibit 5. The reference  
14 conditions should have been included because the  
15 governing board approved the permit as originally  
16 issued in May 1991. The permit will need to be renewed  
17 in 1995 and the conditions can be reinstated at that  
18 time.

19

20 Q16: How does the reuse plan of Sanlando affect these  
21 permits?

22 A16: If the reuse plan is approved, then the groundwater  
23 need of the permittees will be less and therefore the  
24 allocations of these permits can be reduced.

25

1 Q17: How much groundwater will potentially be saved as a  
2 result of the implementation of the plan?

3 A17: Up to 402 million gallons per year or 1.1 million  
4 gallons per day is the total amount of water allocated  
5 to these three golf courses. If Sanlando distributes  
6 the reuse water to these entities, then they will not  
7 need to withdraw 402 million gallons of potable water  
8 per year from the aquifer.

9

10 Q18: Please summarize your testimony.

11 A18: The District supports the implementation of the reuse  
12 plan because distribution of reuse water to the three  
13 golf courses will reduce the need of potable  
14 groundwater by those users. The additional  
15 distribution of 250,000 gpd will reduce the need of  
16 Sanlando Utilities of that amount of groundwater.

17

18 Coordinating a reuse program as proposed in the plan is  
19 complicated due to the number of parties and permits  
20 involved. This plan is the first step in that  
21 coordination. The utility is proposing to construct  
22 the reuse lines to the golf courses which then connect  
23 at their property line. The District can require reuse  
24 from each party through their Consumptive Use Permits.  
25 However, in reality, the utility needs a way to fund

1 the project and until the lines are constructed, the  
2 golf courses cannot connect. The proposed plan will  
3 facilitate the reuse project more expeditiously than  
4 waiting on another round of water management permits to  
5 force the issue.

6

7 Q19: Does this conclude your testimony?

8 A19: Yes.

9

10

11

12

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25

**ST. JOHNS RIVER WATER MANAGEMENT DISTRICT**

Post Office Box 1429  
Palatka, Florida 32078-1429

PERMIT NO. 2-117-0006UR DATE ISSUED FEBRUARY 13, 1990

**CONSUMPTIVE USE**

A PERMIT AUTHORIZING:

**USE OF GROUND WATER FROM THE FLORIDAN AQUIFER TO SERVE AN ESTIMATED POPULATION OF 63,253 PEOPLE IN 7 YEARS.**

LOCATION:

**SECTION , TOWNSHIP 0 SOUTH, RANGE 0 EAST  
SEMINOLE COUNTY**

ISSUED TO:  
(owner)

**SANLANDO UTILITIES CORPORATION  
P O BOX 3884  
LONGWOOD, FL 32779**

Permittee agrees to hold and save the St. Johns River Water Management District and its successors harmless from any and all damages, claims, of liabilities which may arise from permit issuance. Said application, including all plans and specifications attached thereto, is by reference made a part hereof.

This permit does not convey to permittee any property rights nor any rights or privileges other than those specified herein, nor relieve the permittee from complying with any law, regulation or requirement affecting the rights of other bodies or agencies. All structures and works installed by permittee hereunder shall remain the property of the permittee.

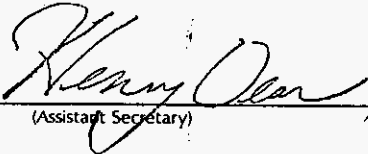
This Permit may be revoked, modified or transferred at any time pursuant to the appropriate provisions of Chapter 373, Florida Statutes:

PERMIT IS CONDITIONED UPON:

**SEE CONDITIONS ON ATTACHED "EXHIBIT A", DATED FEBRUARY 13, 1990**

AUTHORIZED BY: St. Johns River Water Management District  
Department of Resource Management      Governing Board

By:   
(Director)  
JEFF ELLEDGE

By:   
(Assistant Secretary)  
HENRY DEAN

*CW*



"EXHIBIT A"

CONDITIONS FOR ISSUANCE OF PERMIT NUMBER 2-117-0006UR

SANLANDO UTILITIES CORPORATION

DATED FEBRUARY 13, 1990

1. DISTRICT AUTHORIZED STAFF, UPON PROPER IDENTIFICATION, WILL HAVE PERMISSION TO ENTER, INSPECT AND OBSERVE PERMITTED AND RELATED FACILITIES IN ORDER TO DETERMINE COMPLIANCE WITH THE APPROVED PLANS, SPECIFICATIONS AND CONDITIONS OF THIS PERMIT.
2. NOTHING IN THIS PERMIT SHOULD BE CONSTRUED TO LIMIT THE AUTHORITY OF THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT TO DECLARE A WATER SHORTAGE AND ISSUE ORDERS PURSUANT TO SECTION 373.175, FLORIDA STATUTES, OR TO FORMULATE A PLAN FOR IMPLEMENTATION DURING PERIODS OF WATER SHORTAGE, PURSUANT TO SECTION 373.246, FLORIDA STATUTES. IN THE EVENT OF A WATER SHORTAGE, AS DECLARED BY THE DISTRICT GOVERNING BOARD, THE PERMITTEE MUST ADHERE TO REDUCTIONS IN WATER WITHDRAWALS AS SPECIFIED BY THE DISTRICT.
3. PRIOR TO THE CONSTRUCTION, MODIFICATION, OR ABANDONMENT OF A WELL, THE PERMITTEE MUST OBTAIN A WATER WELL CONSTRUCTION PERMIT FROM THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT PURSUANT TO CHAPTER 40C-3, FLORIDA ADMINISTRATIVE CODE. CONSTRUCTION, MODIFICATION OR ABANDONMENT OF A WELL WILL REQUIRE MODIFICATION OF THE CONSUMPTIVE USE PERMIT WHEN SUCH CONSTRUCTION, MODIFICATION OR ABANDONMENT IS OTHER THAN THAT SPECIFIED AND DESCRIBED ON THE CONSUMPTIVE USE PERMIT APPLICATION FORM.
4. LEAKING OR INOPERATIVE WELL CASINGS, VALVES, OR CONTROLS MUST BE REPAIRED OR REPLACED AS REQUIRED TO PUT THE SYSTEM BACK IN AN OPERATIVE CONDITION ACCEPTABLE TO THE DISTRICT. FAILURE TO MAKE SUCH REPAIRS WILL BE CAUSE FOR DEEMING THE WELL ABANDONED IN ACCORDANCE WITH CHAPTER 17.21.02(5), FLORIDA ADMINISTRATIVE CODE AND CHAPTER 373.309, FLORIDA STATUTES.
5. PERMITTEE MUST MITIGATE ANY ADVERSE IMPACT CAUSED BY WITHDRAWALS PERMITTED HEREIN ON LEGAL USES OF WATER EXISTING AT THE TIME OF PERMIT APPLICATION. THE DISTRICT HAS THE RIGHT TO CURTAIL PERMITTED WITHDRAWAL RATES OR WATER ALLOCATIONS IF THE WITHDRAWALS OF WATER CAUSE AN ADVERSE IMPACT ON LEGAL USES OF WATER WHICH EXISTED AT THE TIME OF PERMIT APPLICATION. ADVERSE IMPACTS ARE EXEMPLIFIED BUT NOT LIMITED TO:
  - (A) REDUCTION OF WELL WATER LEVELS RESULTING IN A REDUCTION OF 10% IN THE ABILITY OF AN ADJACENT WELL TO PRODUCE WATER;
  - (B) REDUCTION OF WATER LEVELS IN AN ADJACENT SURFACE WATER BODY RESULTING IN A SIGNIFICANT IMPAIRMENT OF THE USE OF WATER IN THAT WATER BODY.
  - (C) SALINE WATER INTRUSION OR INTRODUCTION OF POLLUTANTS INTO THE WATER SUPPLY OF AN ADJACENT WATER USE RESULTING IN A SIGNIFICANT REDUCTION OF WATER QUALITY; AND
  - (D) CHANGE IN WATER QUALITY IN EITHER IMPAIRMENT OR LOSS OF USE OF A WELL OR WATER BODY.
6. PERMITTEE MUST MITIGATE ANY ADVERSE IMPACT CAUSED BY WITHDRAWALS PERMITTED HEREIN ON ADJACENT LAND USES WHICH EXISTED AT THE TIME OF PERMIT APPLICATION. THE DISTRICT HAS THE RIGHT TO CURTAIL PERMITTED WITHDRAWAL RATES OF WATER ALLOCATIONS IF WITHDRAWALS OF WATER CAUSE AN ADVERSE IMPACT ON ADJACENT LAND USE WHICH EXISTED AT THE TIME OF PERMIT APPLICATION. ADVERSE IMPACTS ARE EXEMPLIFIED BY BUT NOT LIMITED TO:

- (A) SIGNIFICANT REDUCTION IN WATER LEVELS IN AN ADJACENT SURFACE WATER BODY;
  - (B) LAND COLLAPSE OR SUBSIDENCE CAUSED BY A REDUCTION IN WATER LEVELS; AND
  - (C) DAMAGE TO CROPS AND OTHER TYPES OF VEGETATION.
7. THE DISTRICT MUST BE NOTIFIED, IN WRITING, WITHIN 90 DAYS OF THE TRANSFER OF THIS PERMIT. ALL TRANSFERS ARE SUBJECT TO THE PROVISIONS OF SECTION 40C-2.351, FLORIDA ADMINISTRATIVE CODE, WHICH STATES THAT ALL TERMS AND CONDITIONS OF THE PERMIT SHALL BE BINDING OF THE TRANSFEREE.
  8. A DISTRICT-ISSUED IDENTIFICATION TAG SHALL BE PROMINENTLY DISPLAYED AT EACH WITHDRAWAL SITE BY PERMANENTLY AFFIXING SUCH TAG TO THE PUMP, HEADGATE, VALVE OR OTHER WITHDRAWAL FACILITY AS PROVIDED BY SECTION 40C-2.401, FLORIDA ADMINISTRATIVE CODE. PERMITTEE SHALL NOTIFY THE DISTRICT IN THE EVENT THAT A REPLACEMENT TAG IS NEEDED.
  9. IF THE PERMITTEE DOES NOT SERVE A NEW PROJECTED DEMAND LOCATED WITHIN THE SERVICE AREA UPON WHICH THE ANNUAL ALLOCATION WAS CALCULATED, THE ANNUAL ALLOCATION WILL BE SUBJECT TO MODIFICATION.
  10. ON THE TENTH DAY FOLLOWING THE MONTH OF RECORD, PERMITTEE MUST SUBMIT TO THE DISTRICT COPIES OF THE DER MONTHLY WATER TREATMENT PLANT REPORTS ON A MONTHLY BASIS FOLLOWING THE MONTH OF RECORD. THE PERMIT NUMBER MUST BE ATTACHED TO ALL REPORTS.
  11. TREATED EFFLUENT MUST BE USED AS IRRIGATION WATER WHEN IT BECOMES PRACTICAL, ECONOMICALLY FEASIBLE, AND PERMISSIBLE UNDER APPLICABLE STATE AND FEDERAL STATUTES OR REGULATIONS PROMULGATED THEREUNDER.
  12. WHENEVER FEASIBLE, THE PERMITTEE MUST USE NATIVE VEGETATION THAT REQUIRES LITTLE SUPPLEMENTAL IRRIGATION FOR LANDSCAPING WITHIN THE SERVICE AREA OF THE PROJECT.
  13. CONSTRUCTION MUST BE IN COMPLIANCE WITH SUBSECTION 553.14, F.S.
  14. THIS PERMIT WILL EXPIRE 7 YEARS FROM THE DATE OF ISSUANCE.
  15. MAXIMUM ANNUAL WITHDRAWALS MUST NOT EXCEED:
    - 3,610.2 MILLION GALLONS IN 1990
    - 3,754.0 MILLION GALLONS IN 1991
    - 3,897.8 MILLION GALLONS IN 1992
    - 4,041.6 MILLION GALLONS IN 1993
    - 4,185.5 MILLION GALLONS IN 1994
    - 4,329.3 MILLION GALLONS IN 1995
    - 4,473.1 MILLION GALLONS IN 1996
    - 4,617.3 MILLION GALLONS IN 1997.
  16. MAXIMUM DAILY WITHDRAWALS MUST NOT EXCEED:
    - 17.111 MILLION GALLONS IN 1990
    - 17.793 MILLION GALLONS IN 1991
    - 18.475 MILLION GALLONS IN 1992
    - 19.156 MILLION GALLONS IN 1993
    - 19.838 MILLION GALLONS IN 1994
    - 20.519 MILLION GALLONS IN 1995
    - 21.201 MILLION GALLONS IN 1996
    - 21.500 MILLION GALLONS IN 1997.

17. THE PERMITTEE MUST CONTINUE NEGOTIATIONS WITH THE WEKIVA GOLF AND SWEETWATER COUNTRY CLUB FOR IMPLEMENTING A REUSE PLAN FOR SANLANDO'S TREATED EFFLUENT AT THESE SITES.

THE PERMITTEE MUST SUBMIT TO THE DISTRICT A REPORT DESCRIBING THE PROGRESS TOWARDS ACHIEVING THE ABOVE. THE REPORTS MUST BE SUBMITTED AT 6 MONTH INTERVALS FROM THE DATE OF ISSUANCE OF THIS PERMIT.

18. A WATER SAMPLE MUST BE TAKEN FROM THE WELL NOS. W-24 AND W-1 IN MAY AND OCTOBER OF EACH YEAR FOR THE DURATION OF THE PERMIT. THE SAMPLES MUST BE COLLECTED IMMEDIATELY FOLLOWING A PUMPING CYCLE WHENEVER POSSIBLE. IF THIS IS NOT POSSIBLE, THE WELL MUST BE ALLOWED TO DISCHARGE AT DESIGN CAPACITY FOR AT LEAST 20 MINUTES BEFORE THE SAMPLE IS COLLECTED. THE SAMPLES MUST BE ANALYZED FOR CHLORIDES (Cl-). IN ADDITION TO THE ANALYSES, THE REPORTS SUBMITTED TO THE DISTRICT MUST INCLUDE THE DATE OF SAMPLING, WELL NUMBER, THE LENGTH OF TIME THE WELL DISCHARGED BEFORE THE SAMPLE WAS TAKEN, THE NAME OF THE PERSON COLLECTING THE SAMPLE AND THE NAME OF THE COMPANY OR PERSON DOING THE ACTUAL ANALYSIS. THESE REPORTS MUST BE SUBMITTED TO THE DISTRICT WITHIN 30 DAYS OF SAMPLING.
19. SOURCE CLASSIFICATION IS 100% CONFINED OR SEMI-CONFINED AQUIFER.
20. USE CLASSIFICATION IS 75% HOUSEHOLD TYPE, 10% COMMERCIAL/ INDUSTRIAL TYPE, 10% WATER UTILITY AND 5% URBAN LANDSCAPE IRRIGATION.

**ST. JOHNS RIVER WATER MANAGEMENT DISTRICT**

Post Office Box 1429  
Palatka, Florida 32178-1429

PERMIT NO. 2-095-04830V DATE ISSUED APRIL 9, 1991

**CUNSUMPTIVE USE**

A PERMIT AUTHORIZING:

**USE OF GROUND WATER FROM THE FLORIDAN AQUIFER TO IRRIGATE 105  
ACRES OF GOLF COURSE TURF USING A SPRINKLER IRRIGATION SYSTEM.**

**SECTION 36, TOWNSHIP 20 SOUTH, RANGE 29 EAST  
ORANGE COUNTY**

LOCATION:

**PRINCE LAKE WOOD FLORIDA, INC.  
2700 SWEETWATER ENTRY CLB**

**APOPKA, FL 32712**

ISSUED TO:  
(owner)

Permittee agrees to hold and save the St. Johns River Water Management District and its successors harmless from any and all damages, claims, of liabilities which may arise from permit issuance. Said application, including all plans and specifications attached thereto, is by reference made a part hereof.

This permit does not convey to permittee any property rights nor any rights or privileges other than those specified herein, nor relieve the permittee from complying with any law, regulation or requirement affecting the rights of other bodies or agencies. All structures and works installed by permittee hereunder shall remain the property of the permittee.

This Permit may be revoked, modified or transferred at any time pursuant to the appropriate provisions of Chapter 373, Florida Statutes:

PERMIT IS CONDITIONED UPON:  
**SEE CONDITIONS ON ATTACHED "EXHIBIT A", DATED APRIL 9, 1991**

AUTHORIZED BY: St. Johns River Water Management District

Department of Resource Management . . . . . Governing Board

By:  \_\_\_\_\_  
(Director)  
JEFF ELLEDGE

By:  \_\_\_\_\_  
(Assistant Secretary)  
HENRY DEAN

*clh*

"EXHIBIT A"

CONDITIONS FOR ISSUANCE OF PERMIT NUMBER 2-095-0483UV

PRINCE LAKE WOOD FLORIDA, INC.

DATED APRIL 9, 1991

1. DISTRICT AUTHORIZED STAFF, UPON PROPER IDENTIFICATION, WILL HAVE PERMISSION TO ENTER, INSPECT AND OBSERVE PERMITTED AND RELATED FACILITIES IN ORDER TO DETERMINE COMPLIANCE WITH THE APPROVED PLANS, SPECIFICATIONS AND CONDITIONS OF THIS PERMIT.
2. NOTHING IN THIS PERMIT SHOULD BE CONSTRUED TO LIMIT THE AUTHORITY OF THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT TO DECLARE A WATER SHORTAGE AND ISSUE ORDERS PURSUANT TO SECTION 373.175, FLORIDA STATUTES, OR TO FORMULATE A PLAN FOR IMPLEMENTATION DURING PERIODS OF WATER SHORTAGE, PURSUANT TO SECTION 373.246, FLORIDA STATUTES. IN THE EVENT OF A WATER SHORTAGE, AS DECLARED BY THE DISTRICT GOVERNING BOARD, THE PERMITTEE MUST ADHERE TO REDUCTIONS IN WATER WITHDRAWALS AS SPECIFIED BY THE DISTRICT.
3. PRIOR TO THE CONSTRUCTION, MODIFICATION, OR ABANDONMENT OF A WELL, THE PERMITTEE MUST OBTAIN A WATER WELL CONSTRUCTION PERMIT FROM THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT PURSUANT TO CHAPTER 40C-3, FLORIDA ADMINISTRATIVE CODE. CONSTRUCTION, MODIFICATION OR ABANDONMENT OF A WELL WILL REQUIRE MODIFICATION OF THE CONSUMPTIVE USE PERMIT WHEN SUCH CONSTRUCTION, MODIFICATION OR ABANDONMENT IS OTHER THAN THAT SPECIFIED AND DESCRIBED ON THE CONSUMPTIVE USE PERMIT APPLICATION FORM.
4. LEAKING OR INOPERATIVE WELL CASINGS, VALVES, OR CONTROLS MUST BE REPAIRED OR REPLACED AS REQUIRED TO PUT THE SYSTEM BACK IN AN OPERATIVE CONDITION ACCEPTABLE TO THE DISTRICT. FAILURE TO MAKE SUCH REPAIRS WILL BE CAUSE FOR DEEMING THE WELL ABANDONED IN ACCORDANCE WITH CHAPTER 17.27.02(5), FLORIDA ADMINISTRATIVE CODE AND CHAPTER 373.309, FLORIDA STATUTES.
5. PERMITTEE MUST MITIGATE ANY ADVERSE IMPACT CAUSED BY WITHDRAWALS PERMITTED HEREIN ON LEGAL USES OF WATER EXISTING AT THE TIME OF PERMIT APPLICATION. THE DISTRICT HAS THE RIGHT TO CURTAIL PERMITTED WITHDRAWAL RATES OR WATER ALLOCATIONS IF THE WITHDRAWALS OF WATER CAUSE AN ADVERSE IMPACT ON LEGAL USES OF WATER WHICH EXISTED AT THE TIME OF PERMIT APPLICATION. ADVERSE IMPACTS ARE EXEMPLIFIED BUT NOT LIMITED TO:

- (A) REDUCTION OF WELL WATER LEVELS RESULTING IN A REDUCTION OF 10% IN THE ABILITY OF AN ADJACENT WELL TO PRODUCE WATER;
  - (B) REDUCTION OF WATER LEVELS IN AN ADJACENT SURFACE WATER BODY RESULTING IN A SIGNIFICANT IMPAIRMENT OF THE USE OF WATER IN THAT WATER BODY.
  - (C) SALINE WATER INTRUSION OR INTRODUCTION OF POLLUTANTS INTO THE WATER SUPPLY OF AN ADJACENT WATER USE RESULTING IN A SIGNIFICANT REDUCTION OF WATER QUALITY; AND
  - (D) CHANGE IN WATER QUALITY IN EITHER IMPAIRMENT OR LOSS OF USE OF A WELL OR WATER BODY.
6. PERMITTEE MUST MITIGATE ANY ADVERSE IMPACT CAUSED BY WITHDRAWALS PERMITTED HEREIN ON ADJACENT LAND USES WHICH EXISTED AT THE TIME OF PERMIT APPLICATION. THE DISTRICT HAS THE RIGHT TO CURTAIL PERMITTED WITHDRAWAL RATES OF WATER ALLOCATIONS IF WITHDRAWALS OF WATER CAUSE AN ADVERSE IMPACT ON ADJACENT LAND USE WHICH EXISTED AT THE TIME OF PERMIT APPLICATION. ADVERSE IMPACTS ARE EXEMPLIFIED BY BUT NOT LIMITED TO:
- (A) SIGNIFICANT REDUCTION IN WATER LEVELS IN AN ADJACENT SURFACE WATER BODY;
  - (B) LAND COLLAPSE OR SUBSIDENCE CAUSED BY A REDUCTION IN WATER LEVELS; AND
  - (C) DAMAGE TO CROPS AND OTHER TYPES OF VEGETATION.
7. THE DISTRICT MUST BE NOTIFIED, IN WRITING, WITHIN 90 DAYS OF THE TRANSFER OF THIS PERMIT. ALL TRANSFERS ARE SUBJECT TO THE PROVISIONS OF SECTION 40C-2.357, FLORIDA ADMINISTRATIVE CODE, WHICH STATES THAT ALL TERMS AND CONDITIONS OF THE PERMIT SHALL BE BINDING OF THE TRANSFEREE.
8. A DISTRICT-ISSUED IDENTIFICATION TAG SHALL BE PROMINENTLY DISPLAYED AT EACH WITHDRAWAL SITE BY PERMANENTLY AFFIXING SUCH TAG TO THE PUMP, HEADGATE, VALVE OR OTHER WITHDRAWAL FACILITY AS PROVIDED BY SECTION 40C-2.401, FLORIDA ADMINISTRATIVE CODE. PERMITTEE SHALL NOTIFY THE DISTRICT IN THE EVENT THAT A REPLACEMENT TAG IS NEEDED.
9. TREATED EFFLUENT MUST BE USED AS IRRIGATION WATER WHEN IT BECOMES PRACTICAL, ECONOMICALLY FEASIBLE, AND PERMISSIBLE UNDER APPLICABLE STATE AND FEDERAL STATUTES OR REGULATIONS PROMULGATED THEREUNDER.
10. IF CHEMICALS ARE INJECTED INTO THE IRRIGATION SYSTEM, THE WELL OR SURFACE PUMP MUST BE EQUIPPED WITH BACKFLOW PREVENTION DEVICES INSTALLED PURSUANT TO SECTION 5E-2.500, F.A.C.
11. THIS PERMIT WILL EXPIRE 4 YEARS FROM THE DATE OF ISSUANCE.
12. MAXIMUM ANNUAL WITHDRAWALS FOR IRRIGATION MUST NOT EXCEED 137.0 MILLION GALLONS (402.1 ACRE-FEET).
13. MAXIMUM MONTHLY WITHDRAWALS FOR IRRIGATION MUST NOT EXCEED 17.5 MILLION GALLONS (53.8 ACRE-FEET).
14. THE PERMITTEE MUST ACCEPT AND UTILIZE TREATED EFFLUENT FROM SANLANDO UTILITIES, OR ANY OTHER SOURCE, WHEN IT BECOMES AVAILABLE UNLESS THE PERMITTEE DEMONSTRATES THAT ITS USE IS NOT ENVIRONMENTALLY OR TECHNICALLY FEASIBLE. WHEN REUSE WATER IS ACCEPTED, THE PERMITTEE MUST MODIFY THIS PERMIT TO INCLUDE THE REUSE IN PLACE OF GROUND WATER FROM THE FLORIDIAN AQUIFER.
15. SOURCE CLASSIFICATION IS 100% CONFINED, OR SEMI-CONFINED AQUIFER.
16. USE CLASSIFICATION IS 100% GOLF COURSE IRRIGATION.

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

Post Office Box 1429  
Palatka, Florida 32178-1429

PERMIT NO. 2-117-022 OUV DATE ISSUED MAY 7, 1991

CONSUMPTIVE USE

A PERMIT AUTHORIZING:

USE OF GROUND WATER FROM THE FLORIDAN AQUIFER TO IRRIGATE 25  
ACRES OF GOLF COURSE TURF USING A SPRINKLER IRRIGATION SYSTEM.

LOCATION:

SECTION 05, TOWNSHIP 21 SOUTH, RANGE 29 EAST  
SEMINOLE COUNTY  
WEKIVA GOLF CLUB

ISSUED TO:  
(owner)

FRANCIS & LEOLA BOWMAN  
101 LYNDBURST DR.  
LONGWOOD, FL 32779

Permittee agrees to hold and save the St. Johns River Water Management District and its successors harmless from any and all damages, claims, or liabilities which may arise from permit issuance. Said application, including all plans and specifications attached thereto, is by reference made a part hereof.

This permit does not convey to permittee any property rights nor any rights or privileges other than those specified herein, nor relieve the permittee from complying with any law, regulation or requirement affecting the rights of other bodies or agencies. All structures and works installed by permittee hereunder shall remain the property of the permittee.

This Permit may be revoked, modified or transferred at any time pursuant to the appropriate provisions of Chapter 373, Florida Statutes:

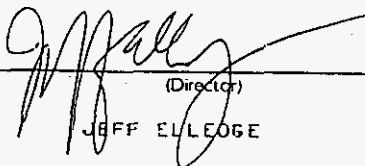
PERMIT IS CONDITIONED UPON:

SEE CONDITIONS ON ATTACHED "EXHIBIT A", DATED MAY 7, 1991

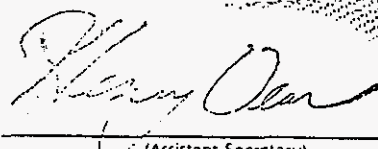
AUTHORIZED BY: St. Johns River Water Management District

Department of Resource Management      Governing Board

By: \_\_\_\_\_

  
(Director)  
JEFF ELLEGE

By: \_\_\_\_\_

  
(Assistant Secretary)  
HENRY DEAN

*cb*

"EXHIBIT A"

CONDITIONS FOR ISSUANCE OF PERMIT NUMBER 2-117-0220UV

FRANCIS & LEOLA BOWMAN

DATED MAY 7, 1991

1. District authorized staff, upon proper identification, will have permission to enter, inspect and observe permitted and related facilities in order to determine compliance with the approved plans, specifications and conditions of this permit.
2. Nothing in this permit should be construed to limit the authority of the St. Johns River Water Management District to declare a water shortage and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate a plan for implementation during periods of water shortage, pursuant to Section 373.246, Florida Statutes. In the event of a water shortage, as declared by the District Governing Board, the Permittee must adhere to reductions in water withdrawals as specified by the District.
3. Prior to the construction, modification, or abandonment of a well, the permittee must obtain a Water Well Construction Permit from the St. Johns River Water Management District pursuant to Chapter 40C-3, Florida Administrative Code. Construction, modification or abandonment of a well will require modification of the consumptive use permit when such construction, modification or abandonment is other than that specified and described on the consumptive use permit application form.
4. Leaking or inoperative well casings, valves, or controls must be repaired or replaced as required eliminate the leak or make the system fully operational.
5. Permittee must mitigate any adverse impact caused by withdrawals permitted herein on legal uses of water existing at the time of permit application. The District has the right to curtail permitted withdrawal rates or water allocations if the withdrawals of water cause an adverse impact on legal uses of water which existed at the time of permit application. Adverse impacts are exemplified but not limited to:
  - (A) Reduction of well water levels resulting in a reduction of 10% in the ability of an adjacent well to produce water;
  - (B) Reduction of water levels in an adjacent surface waterbody resulting in a significant impairment of the use of water in that water body.
  - (C) Saline water intrusion or introduction of pollutants into the water supply of an adjacent water use resulting in a significant reduction of water quality; and
  - (D) Change in water quality in either impairment or loss of use of a well or waterbody.
6. Permittee must mitigate any adverse impact caused by withdrawals permitted herein on adjacent land uses which existed at the time of permit application. The District has the right to curtail permitted withdrawal rates of water allocations if withdrawals of water cause an adverse impact on



adjacent land use which existed at the time of permit application. Adverse impacts are exemplified by but not limited to:

- (A) Significant reduction in water levels in an adjacent surface water body;
  - (B) Land collapse or subsidence caused by a reduction in water levels; and
  - (C) Damage to crops and other types of vegetation.
7. The District must be notified, in writing, within 90 days of the transfer of this permit. All transfers are subject to the provisions of Section 40C-2.351, Florida Administrative Code, which states that all terms and conditions of the permit shall be binding of the transferee.
  8. A District-issued identification tag shall be prominently displayed at each withdrawal site by permanently affixing such tag to the pump, headgate, valve or other withdrawal facility as provided by Section 40C-2.401, Florida Administrative Code. Permittee shall notify the District in the event that a replacement tag is needed.
  9. The permittee must maintain records of when withdrawals from the well(s) and/or surface pump(s) designated by the district take place, including the date and duration of each withdrawal and the rate at which these withdrawals occur. The records must be tabulated for one year periods ending June 30 of each year and submitted to the district on form EN-13 by July 31 of the same years.
  10. If chemicals are injected into the irrigation system, the well of surface pump must be equipped with backflow prevention devices installed pursuant to section 5E-2.030, F.A.C.
  11. Whenever feasible, the permittee must use native vegetation that requires little supplemental irrigation for landscaping within the service area of the project.
  12. This permit will expire 4 years from the date of issuance.
  13. Maximum annual withdrawals for irrigation must not exceed 106.2 million gallons (325.8 acre-feet).
  14. Maximum monthly withdrawals for irrigation must not exceed 14.2 million gallons (43.6 acre-feet).
  15. Treated effluent must be used as irrigation water when it becomes available, economically feasible, and permissible under applicable state and federal statutes of regulations promulgated thereunder.
  16. Source classification is 100% confined, or semi-confined aquifer.
  17. Use classification is 100% golf course irrigation.

**ST. JOHNS RIVER WATER MANAGEMENT DISTRICT**

Post Office Box 1429  
Palatka, Florida 32178-1429

PERMIT NO. 2-117-0227UW DATE ISSUED MAY 7, 1991

**CONSUMPTIVE USE**

A PERMIT AUTHORIZING:

**USE OF GROUND WATER FROM THE FLORIDAN AQUIFER TO IRRIGATE 132  
ACRES OF GOLF COURSE TURF, AND 16.3 ACRES OF URBAN LANDSCAPE  
USING A SPRINKLER IRRIGATION SYSTEM.**

LOCATION:

**SECTION 3, TOWNSHIP 21 SOUTH, RANGE 29 EAST  
SEMINOLE COUNTY  
SABAL POINT**

ISSUED TO:  
(owner)

**SABAL POINT COUNTRY CLUB, LTD.  
ATTN: JOHN AFFLEBACH, SR., V.P.  
320 WEST SABAL PALM PLACE  
LONGWOOD, FL 32778**

Permittee agrees to hold and save the St. Johns River Water Management District and its successors harmless from any and all damages, claims, of liabilities which may arise from permit issuance. Said application, including all plans and specifications attached thereto, is by reference made a part hereof.

This permit does not convey to permittee any property rights nor any rights or privileges other than those specified herein, nor relieve the permittee from complying with any law, regulation or requirement affecting the rights of other bodies or agencies. All structures and works installed by permittee hereunder shall remain the property of the permittee.

This Permit may be revoked, modified or transferred at any time pursuant to the appropriate provisions of Chapter 373, Florida Statutes:


PERMIT IS CONDITIONED UPON:

**SEE CONDITIONS ON ATTACHED "EXHIBIT A", DATED MAY 7, 1991**

AUTHORIZED BY: St. Johns River Water Management District

Department of Resource Management      Governing Board

By: \_\_\_\_\_

  
(Director)  
**JEFF ELLEDGE**

By: \_\_\_\_\_

  
(Assistant Secretary)  
**HENRY DEAN**

EXHIBIT A

CONDITIONS FOR ISSUANCE OF PERMIT NUMBER 2-117-02270V

SABAL POINT COUNTRY CLUB, LTD.

DATED MAY 7, 1991

1. DISTRICT AUTHORIZED STAFF, UPON PROPER IDENTIFICATION, WILL HAVE PERMISSION TO ENTER, INSPECT AND OBSERVE PERMITTED AND RELATED FACILITIES IN ORDER TO DETERMINE COMPLIANCE WITH THE APPROVED PLANS, SPECIFICATIONS AND CONDITIONS OF THIS PERMIT.
2. NOTHING IN THIS PERMIT SHOULD BE CONSTRUED TO LIMIT THE AUTHORITY OF THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT TO DECLARE A WATER SHORTAGE AND ISSUE ORDERS PURSUANT TO SECTION 373.175, FLORIDA STATUTES, OR TO FORMULATE A PLAN FOR IMPLEMENTATION DURING PERIODS OF WATER SHORTAGE, PURSUANT TO SECTION 373.246, FLORIDA STATUTES. IN THE EVENT OF A WATER SHORTAGE, AS DECLARED BY THE DISTRICT GOVERNING BOARD, THE PERMITTEE MUST ADHERE TO REDUCTIONS IN WATER WITHDRAWALS AS SPECIFIED BY THE DISTRICT.
3. PRIOR TO THE CONSTRUCTION, MODIFICATION, OR ABANDONMENT OF A WELL, THE PERMITTEE MUST OBTAIN A WATER WELL CONSTRUCTION PERMIT FROM THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT PURSUANT TO CHAPTER 40C-3, FLORIDA ADMINISTRATIVE CODE. CONSTRUCTION, MODIFICATION OR ABANDONMENT OF A WELL WILL REQUIRE MODIFICATION OF THE CONSUMPTIVE USE PERMIT WHEN SUCH CONSTRUCTION, MODIFICATION OR ABANDONMENT IS OTHER THAN THAT SPECIFIED AND DESCRIBED ON THE CONSUMPTIVE USE PERMIT APPLICATION FORM.
4. LEAKING OR INOPERATIVE WELL CASINGS, VALVES, OR CONTROLS MUST BE REPAIRED OR REPLACED AS REQUIRED TO PUT THE SYSTEM BACK IN AN OPERATIVE CONDITION ACCEPTABLE TO THE DISTRICT. FAILURE TO MAKE SUCH REPAIRS WILL BE CAUSE FOR DEEMING THE WELL ABANDONED IN ACCORDANCE WITH CHAPTER 17.21-02(5), FLORIDA ADMINISTRATIVE CODE AND CHAPTER 373.309, FLORIDA STATUTES.
5. PERMITTEE MUST MITIGATE ANY ADVERSE IMPACT CAUSED BY WITHDRAWALS PERMITTED HEREIN ON LEGAL USES OF WATER EXISTING AT THE TIME OF PERMIT APPLICATION. THE DISTRICT HAS THE RIGHT TO CURTAIL PERMITTED WITHDRAWAL RATES OR WATER ALLOCATIONS IF THE WITHDRAWALS OF WATER CAUSE AN ADVERSE IMPACT ON LEGAL USES OF WATER WHICH EXISTED AT THE TIME OF PERMIT APPLICATION. ADVERSE IMPACTS ARE EXEMPLIFIED BUT NOT LIMITED TO:
  - (A) REDUCTION OF WELL WATER LEVELS RESULTING IN A REDUCTION OF 10% IN THE ABILITY OF AN ADJACENT WELL TO PRODUCE WATER;
  - (B) REDUCTION OF WATER LEVELS IN AN ADJACENT SURFACE WATER BODY RESULTING IN A SIGNIFICANT IMPAIRMENT OF THE USE OF WATER IN THAT WATER BODY.
  - (C) SALINE WATER INTRUSION OR INTRODUCTION OF POLLUTANTS INTO THE WATER SUPPLY OF AN ADJACENT WATER USE RESULTING IN A SIGNIFICANT REDUCTION OF WATER QUALITY; AND
  - (D) CHANGE IN WATER QUALITY IN EITHER IMPAIRMENT OR LOSS OF USE OF A WELL OR WATER BODY.
6. PERMITTEE MUST MITIGATE ANY ADVERSE IMPACT CAUSED BY WITHDRAWALS PERMITTED HEREIN ON ADJACENT LAND USES WHICH EXISTED AT THE TIME OF PERMIT APPLICATION. THE DISTRICT HAS THE RIGHT TO CURTAIL PERMITTED WITHDRAWAL RATES OF WATER ALLOCATIONS IF WITHDRAWALS OF WATER CAUSE AN ADVERSE IMPACT ON ADJACENT LAND USE WHICH EXISTED AT THE TIME OF PERMIT APPLICATION. ADVERSE IMPACTS ARE EXEMPLIFIED BY BUT NOT LIMITED TO:

- (A) SIGNIFICANT REDUCTION IN WATER LEVELS IN AN ADJACENT SURFACE WATER BODY;
  - (B) LAND COLLAPSE OR SUBSIDENCE CAUSED BY A REDUCTION IN WATER LEVELS; AND
  - (C) DAMAGE TO CROPS AND OTHER TYPES OF VEGETATION.
7. THE DISTRICT MUST BE NOTIFIED, IN WRITING, WITHIN 90 DAYS OF THE TRANSFER OF THIS PERMIT. ALL TRANSFERS ARE SUBJECT TO THE PROVISIONS OF SECTION 40C-2.351, FLORIDA ADMINISTRATIVE CODE, WHICH STATES THAT ALL TERMS AND CONDITIONS OF THE PERMIT SHALL BE BINDING OF THE TRANSFEREE.
  8. A DISTRICT-ISSUED IDENTIFICATION TAG SHALL BE PROMINENTLY DISPLAYED AT EACH WITHDRAWAL SITE BY PERMANENTLY AFFIXING SUCH TAG TO THE PUMP, HEADGATE, VALVE OR OTHER WITHDRAWAL FACILITY AS PROVIDED BY SECTION 40C-2.401, FLORIDA ADMINISTRATIVE CODE. PERMITTEE SHALL NOTIFY THE DISTRICT IN THE EVENT THAT A REPLACEMENT TAG IS NEEDED.
  9. THE PERMITTEE MUST MAINTAIN RECORDS OF WHEN WITHDRAWALS FROM THE WELL(S) AND/OR SURFACE PUMP(S) DESIGNATED BY THE DISTRICT TAKE PLACE, INCLUDING THE DATE AND DURATION OF EACH WITHDRAWAL AND THE RATE AT WHICH THESE WITHDRAWALS OCCUR. THE RECORDS MUST BE TABULATED FOR ONE YEAR PERIODS ENDING JUNE 30 OF EACH YEAR AND SUBMITTED TO THE DISTRICT ON FORM EN-13 BY JULY 31 OF THE SAME YEARS.
  10. TREATED EFFLUENT MUST BE USED AS IRRIGATION WATER WHEN IT BECOMES PRACTICAL, ECONOMICALLY FEASIBLE, AND PERMISSIBLE UNDER APPLICABLE STATE AND FEDERAL STATUTES OR REGULATIONS PROMULGATED THEREUNDER.
  11. IF CHEMICALS ARE INJECTED INTO THE IRRIGATION SYSTEM, THE WELL OR SURFACE PUMP MUST BE EQUIPPED WITH BACKFLOW PREVENTION DEVICES INSTALLED PURSUANT TO SECTION SE-2.030, F.A.C.
  12. WHENEVER FEASIBLE, THE PERMITTEE MUST USE NATIVE VEGETATION THAT REQUIRES LITTLE SUPPLEMENTAL IRRIGATION FOR LANDSCAPING WITHIN THE SERVICE AREA OF THE PROJECT.
  13. THIS PERMIT WILL EXPIRE 4 YEARS FROM THE DATE OF ISSUANCE.
  14. MAXIMUM ANNUAL WITHDRAWALS FOR IRRIGATION MUST NOT EXCEED 164.7 MILLION GALLONS (505.5 ACRE-FEET).
  15. MAXIMUM MONTHLY WITHDRAWALS FOR IRRIGATION MUST NOT EXCEED 22.0 MILLION GALLONS (67.5 ACRE-FEET).
  16. MAXIMUM WITHDRAWALS FOR AUGMENTATION OF LAKES NO. 2 AND 3 MUST NOT EXCEED 164.7 MILLION GALLONS (505.5 ACRE-FEET).
  17. PERMITTEE MUST INSTALL SURVEYED STAFF GAUGES IN LAKES NO. 2 AND 3 WITHIN 30 DAYS OF PERMIT ISSUANCE. THE STAFF GAUGES MUST REFERENCE N.G.V.D. AND MUST BE PLACED IN A LOCATION EASILY SEEN FROM THE SHORE. AFTER INSTALLATION, THE STAFF GAUGES MUST BE APPROVED BY THE DISTRICT.
  18. PERMITTEE MUST ACCEPT, AND UTILIZE TREATED EFFLUENT FROM SANLANDO UTILITIES, OR ANY OTHER PROVIDER WHEN IT BECOMES AVAILABLE.
  19. SOURCE CLASSIFICATION IS CONFINED, OR SEMI-CONFINED AQUIFER; AND LAKES OR OTHER IMPOUNDMENTS.
  20. USE CLASSIFICATION IS 100% GOLF COURSE IRRIGATION.

21. WITHIN 6 MONTHS OF ISSUANCE, THE PERMITTEE MUST INSTALL FLOW METERS ON THE WELLS UTILIZED FOR THE PERMITTED USES. FLOW METERS MUST BE 95% ACCURATE AND MUST BE MAINTAINED AT 95% ACCURACY. METER READINGS MUST BE READ MONTHLY AND REPORTED TO THE DISTRICT IN MAY AND OCTOBER OF EACH YEAR. UPON REASONABLE NOTICE, DISTRICT STAFF MUST BE PROVIDED ACCESS TO THE METERS TO CHECK ACCURACY.

**ST. JOHNS RIVER WATER MANAGEMENT DISTRICT**

Post Office Box 1429  
Palatka, Florida 32078-1429

PERMIT NO. 2-117-0227UV DATE ISSUED MAY 7, 1991  
**CONSUMPTIVE USE**

A PERMIT AUTHORIZING:

**USE OF GROUND WATER FROM THE FLORIDAN AQUIFER TO IRRIGATE 132  
ACRES OF GOLF COURSE TURF USING A SPRINKLER IRRIGATION SYSTEM.**

LOCATION:

**SECTION(S) 03, 33 TOWNSHIP(S) 21 & 20 SOUTH, RANGE 29 EAST  
SEMINOLE COUNTY  
SABAL POINT**

ISSUED TO:  
(owner)

**ORLANDO RESORT CORPORATION  
2662 SABAL CLUB WAY  
LONGWOOD, FL 32791**

Permittee agrees to hold and save the St. Johns River Water Management District and its successors harmless from any and all damages, claims, of liabilities which may arise from permit issuance. Said application, including all plans and specifications attached thereto, is by reference made a part hereof.

This permit does not convey to permittee any property rights nor any rights or privileges other than those specified herein, nor relieve the permittee from complying with any law, regulation or requirement affecting the rights of other bodies or agencies. All structures and works installed by permittee hereunder shall remain the property of the permittee.

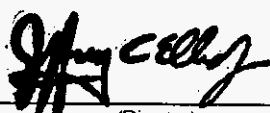
This Permit may be revoked, modified or transferred at any time pursuant to the appropriate provisions of Chapter 373 or 403, Florida Statutes and 40C-1, Florida Administrative Codes:

PERMIT IS CONDITIONED UPON:

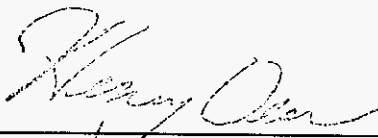
**SEE CONDITIONS ON ATTACHED "EXHIBIT A", DATED MAY 7, 1991**

AUTHORIZED BY: St. Johns River Water Management District

Department of Resource Management      Governing Board

By:   
(Director)

**JEFF ELLEDGE**

By:   
(Assistant Secretary)

**HENRY DEAN**

*CS*

"EXHIBIT A"

CONDITIONS FOR ISSUANCE OF PERMIT NUMBER 2-117-0227UV

ORLANDO RESORT CORPORATION

DATED MAY 7, 1991

1. DISTRICT AUTHORIZED STAFF, UPON PROPER IDENTIFICATION, WILL HAVE PERMISSION TO ENTER, INSPECT AND OBSERVE PERMITTED AND RELATED FACILITIES IN ORDER TO DETERMINE COMPLIANCE WITH THE APPROVED PLANS, SPECIFICATIONS AND CONDITIONS OF THIS PERMIT.
2. NOTHING IN THIS PERMIT SHOULD BE CONSTRUED TO LIMIT THE AUTHORITY OF THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT TO DECLARE A WATER SHORTAGE AND ISSUE ORDERS PURSUANT TO SECTION 373.175, FLORIDA STATUTES, OR TO FORMULATE A PLAN FOR IMPLEMENTATION DURING PERIODS OF WATER SHORTAGE, PURSUANT TO SECTION 373.246, FLORIDA STATUTES. IN THE EVENT OF A WATER SHORTAGE, AS DECLARED BY THE DISTRICT GOVERNING BOARD, THE PERMITTEE MUST ADHERE TO REDUCTIONS IN WATER WITHDRAWALS AS SPECIFIED BY THE DISTRICT.
3. PRIOR TO THE CONSTRUCTION, MODIFICATION, OR ABANDONMENT OF A WELL, THE PERMITTEE MUST OBTAIN A WATER WELL CONSTRUCTION PERMIT FROM THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT PURSUANT TO CHAPTER 40C-3, FLORIDA ADMINISTRATIVE CODE. CONSTRUCTION, MODIFICATION OR ABANDONMENT OF A WELL WILL REQUIRE MODIFICATION OF THE CONSUMPTIVE USE PERMIT WHEN SUCH CONSTRUCTION, MODIFICATION OR ABANDONMENT IS OTHER THAN THAT SPECIFIED AND DESCRIBED ON THE CONSUMPTIVE USE PERMIT APPLICATION FORM.
4. LEAKING OR INOPERATIVE WELL CASINGS, VALVES, OR CONTROLS MUST BE REPAIRED OR REPLACED AS REQUIRED TO PUT THE SYSTEM BACK IN AN OPERATIVE CONDITION ACCEPTABLE TO THE DISTRICT. FAILURE TO MAKE SUCH REPAIRS WILL BE CAUSE FOR DEEMING THE WELL ABANDONED IN ACCORDANCE WITH CHAPTER 17.21.02(5), FLORIDA ADMINISTRATIVE CODE AND CHAPTER 373.309, FLORIDA STATUTES.
5. PERMITTEE MUST MITIGATE ANY ADVERSE IMPACT CAUSED BY WITHDRAWALS PERMITTED HEREIN ON LEGAL USES OF WATER EXISTING AT THE TIME OF PERMIT APPLICATION. THE DISTRICT HAS THE RIGHT TO CURTAIL PERMITTED WITHDRAWAL RATES OR WATER ALLOCATIONS IF THE WITHDRAWALS OF WATER CAUSE AN ADVERSE IMPACT ON LEGAL USES OF WATER WHICH EXISTED AT THE TIME OF PERMIT APPLICATION. ADVERSE IMPACTS ARE EXEMPLIFIED BUT NOT LIMITED TO:
  - (A) REDUCTION OF WELL WATER LEVELS RESULTING IN A REDUCTION OF 10% IN THE ABILITY OF AN ADJACENT WELL TO PRODUCE WATER;
  - (B) REDUCTION OF WATER LEVELS IN AN ADJACENT SURFACE WATER BODY RESULTING IN A SIGNIFICANT IMPAIRMENT OF THE USE OF WATER IN THAT WATER BODY.
  - (C) SALINE WATER INTRUSION OR INTRODUCTION OF POLLUTANTS INTO THE WATER SUPPLY OF AN ADJACENT WATER USE RESULTING IN A SIGNIFICANT REDUCTION OF WATER QUALITY; AND
  - (D) CHANGE IN WATER QUALITY RESULTING IN EITHER IMPAIRMENT OR LOSS OF USE OF A WELL OR WATER BODY.
6. PERMITTEE MUST MITIGATE ANY ADVERSE IMPACT CAUSED BY WITHDRAWALS PERMITTED HEREIN ON ADJACENT LAND USES WHICH EXISTED AT THE TIME OF PERMIT APPLICATION. THE DISTRICT HAS THE RIGHT TO CURTAIL PERMITTED WITHDRAWAL RATES OF WATER ALLOCATIONS IF WITHDRAWALS OF WATER CAUSE AN ADVERSE IMPACT ON ADJACENT LAND USE WHICH EXISTED AT THE TIME OF PERMIT APPLICATION. ADVERSE IMPACTS ARE EXEMPLIFIED BY BUT NOT LIMITED TO:

- (A) SIGNIFICANT REDUCTION IN WATER LEVELS IN AN ADJACENT SURFACE WATER BODY;
  - (B) LAND COLLAPSE OR SUBSIDENCE CAUSED BY A REDUCTION IN WATER LEVELS; AND
  - (C) DAMAGE TO CROPS AND OTHER TYPES OF VEGETATION.
7. THE DISTRICT MUST BE NOTIFIED, IN WRITING, WITHIN 30 DAYS OF THE TRANSFER OF THIS PERMIT. ALL TRANSFERS ARE SUBJECT TO THE PROVISIONS OF SECTION 40C-2.351, FLORIDA ADMINISTRATIVE CODE, WHICH STATES THAT ALL TERMS AND CONDITIONS OF THE PERMIT SHALL BE BINDING OF THE TRANSFEREE.
  8. A DISTRICT-ISSUED IDENTIFICATION TAG SHALL BE PROMINENTLY DISPLAYED AT EACH WITHDRAWAL SITE BY PERMANENTLY AFFIXING SUCH TAG TO THE PUMP, HEADGATE, VALVE OR OTHER WITHDRAWAL FACILITY AS PROVIDED BY SECTION 40C-2.401, FLORIDA ADMINISTRATIVE CODE. PERMITTEE SHALL NOTIFY THE DISTRICT IN THE EVENT THAT A REPLACEMENT TAG IS NEEDED.
  9. IF CHEMICALS ARE INJECTED INTO THE IRRIGATION SYSTEM, THE WELL OR SURFACE PUMP MUST BE EQUIPPED WITH BACKFLOW PREVENTION DEVICES INSTALLED PURSUANT TO SECTION 5E-2.030, F.A.C.
  10. WHENEVER FEASIBLE, THE PERMITTEE MUST USE NATIVE VEGETATION THAT REQUIRES LITTLE SUPPLEMENTAL IRRIGATION FOR LANDSCAPING WITHIN THE SERVICE AREA OF THE PROJECT.
  11. THIS PERMIT WILL EXPIRE 4 YEARS FROM THE DATE OF ISSUANCE.
  12. MAXIMUM ANNUAL WITHDRAWALS FOR IRRIGATION MUST NOT EXCEED 164.7 MILLION GALLONS (505.5 ACRE-FEET).
  13. MAXIMUM MONTHLY WITHDRAWALS FOR IRRIGATION MUST NOT EXCEED 20.0 MILLION GALLONS (67.5 ACRE-FEET).
  14. MAXIMUM WITHDRAWALS FOR AUGMENTATION OF LAKE NO. 2 MUST NOT EXCEED 164.7 MILLION GALLONS (505.5 ACRE-FEET).
  15. PERMITTEE MUST INSTALL SURVEYED STAFF GAUGES IN LAKE NO. 2 WITHIN 30 DAYS OF PERMIT ISSUANCE. THE STAFF GAUGES MUST REFERENCE N.G.V.D. AND MUST BE PLACED IN A LOCATION EASILY SEEN FROM THE SHORE. AFTER INSTALLATION, THE STAFF GAUGES MUST BE APPROVED BY THE DISTRICT.
  16. AUGMENTATION OF LAKE NO. 2 MUST OCCUR AS FOLLOWS:  

AUGMENTATION CAN NOT START UNTIL WATER LEVEL REACHES 50.7 M.S.L., OR BELOW.

ONCE AUGMENTATION STARTS, THE WATER LEVEL CAN BE BROUGHT UP TO ELEVATION 51.7 M.S.L.

WHEN WATER LEVEL REACHES 51.7 M.S.L. AUGMENTATION MUST CEASE.

ONCE AUGMENTATION HAS STOPPED, IT CAN NOT START AGAIN UNTIL WATER LEVEL REACHES 50.7 M.S.L., OR LOWER.
  17. SOURCE CLASSIFICATION IS CONFINED, OR SEMI-CONFINED AQUIFER, AND LAKES OR OTHER IMPOUNDMENTS.



18. USE CLASSIFICATION IS 100% GOLF COURSE IRRIGATION.
19. WITHIN 6 MONTHS OF ISSUANCE, THE PERMITTEE MUST INSTALL FLOW METERS ON THE WELLS UTILIZED FOR THE PERMITTED USES. FLOW METERS MUST BE 95% ACCURATE AND MUST BE MAINTAINED AT 95% ACCURACY. METER READINGS MUST BE READ MONTHLY AND REPORTED TO THE DISTRICT IN MAY AND OCTOBER OF EACH YEAR. UPON REASONABLE NOTICE, DISTRICT STAFF MUST BE PROVIDED ACCESS TO THE METERS TO CHECK ACCURACY.