

LAST DATE FOR GOVERNING BOARD ACTION:  
May 9, 1996

**DRAFT**  
Subject to Governing  
Board Approval

WATER USE STAFF REVIEW SUMMARY

~~49-00453-W~~

APPLICATION NUMBER: 960307-12

PROJECT NAME: KISSIMMEE BAY

WATER USE STATUS: EXPIRED/PREVIOUSLY PERMITTED

SURFACE WATER MANAGEMENT STATUS: PERMITTED (NO. ~~49-00453-W~~)

RIGHT OF WAY STATUS: NOT APPLICABLE.

LOCATION: OSCEOLA COUNTY, S16,17/T25S/R30E

APPLICANT'S NAME AND ADDRESS: KISSIMMEE GOLF GROUP INC  
2801 KISSIMMEE BAY BLVD  
KISSIMMEE, FL 34744

OWNER'S NAME AND ADDRESS: KISSIMMEE GOLF GROUP INC  
2801 KISSIMMEE BAY BLVD  
KISSIMMEE, FL 34744

PURPOSE:

The purpose of this application is to obtain a water use permit for the irrigation of 84.51 acres of golf course. The primary source of water is reclaimed water supplied by the City of Kissimmee. The backup source is ground water from the Floridan aquifer and surface water from on-site lakes. This project was previously permitted under water use permit No. 49-00453-W, which was allowed to expire on October 12, 1992. In order to maintain continuity with previous permitting activity associated with this project, staff recommends using the previously issued permit No. 49-00453-W.

**STAFF RECOMMENDATIONS**

DATE OF ISSUANCE: May 9, 1996  
PERMIT DURATION: 1.60 YEARS  
EXPIRATION DATE: December 15, 1997

USE CLASS(ES): GOLF COURSE

GROUNDWATER FROM THE FLORIDAN AQUIFER SYSTEM

SURFACE WATER FROM AN ON-SITE LAKE/POND

**RECOMMENDED ALLOCATION:**

ANNUAL ALLOCATION: 14 MILLION GALLONS (MG)

MAXIMUM MONTHLY ALLOCATION: 14.0 MILLION GALLONS (MG)

**EXISTING WITHDRAWAL FACILITIES - GROUNDWATER:**

GW SOURCE: FLORIDAN AQUIFER SYSTEM

1 - 10" X 410' X 1000 GPM WELL CASED TO 171 FEET

**EXISTING WITHDRAWAL FACILITIES - SURFACE WATER:**

SW SOURCE: ON-SITE LAKE/POND

1 - 10" X 25 HP X 350 GPM TURBINE PUMP

1 - 12" X 50 HP X 800 GPM TURBINE PUMP

1 - 12" X 100 HP X 1400 GPM TURBINE PUMP

**TOTAL RATED CAPACITY:**

		GPM	MGD	MGM	MGY
FLORIDAN AQUIFER SYSTEM	E	1000	1.44	43.2	526
ON-SITE LAKE/POND	E	2550	3.67	110.2	1340
<b>TOTALS</b>		<b>3550</b>	<b>5.11</b>	<b>153.4</b>	<b>1866</b>

## IMPACT EVALUATION SUMMARY

### RESOURCE SAFE YIELD:

The land surface elevation in the vicinity of the project is approximately 65 feet NGVD. The depth to the top of the upper Floridan aquifer is about -120 NGVD or 185 feet below land surface. Based on District Technical Publication 84-1, "Hydrogeology of the Kissimmee Planning Area", the approximate elevation of the potentiometric surface of the Floridan aquifer at the end of dry season in this area is +50 feet NGVD or 15 feet below land surface. The total available drawdown is therefore about 170 feet. The projected maximum drawdown at the wellhead as a result of the withdrawal of the recommended allocation is 2 feet. The sustained yield of the aquifer is not expected to be exceeded as a result of the withdrawal of the recommended allocation.

### EXISTING LEGAL USERS:

In order to evaluate the potential for adverse impacts on existing legal users, Staff used the T-Leaky solution. The T-Leaky solution is an analytical method for evaluating ground water withdrawals from a confined, isotropic, homogeneous "leaky" aquifer. A value of 414,000 GPD/FT was used for the transmissivity, a value of 0.0001 was used for the storage coefficient and a value of 0.0001 GPD/CU.FT. was estimated for leakance. These hydraulic parameters were obtained from District Technical Publication 84-1, "Hydrogeology of the Kissimmee Planning Area". An irrigation withdrawal of 14 MG per month (0.47 MGD) was simulated for 1 month of continuous pumping. The results of the simulation are shown in Exhibit 4. According to the predicted output of the model, the drawdown at the nearest existing legal upper Floridan aquifer user, which is located south of the project (Remington Golf Course, Permit No. 49-00780-W), is approximately 0.7 feet. The potential for adverse impacts to occur to existing legal users as a result of the withdrawal of the recommended allocation is considered minimal.

### LEGAL DOMESTIC USERS:

The location of the nearest legal domestic user of the Floridan aquifer is not known. Well completion reports for the area indicate that domestic wells are completed into the Water Table aquifer. Withdrawals from the Floridan aquifer have minimal effect on the water level of the Water Table aquifer in this area due to the presence of a confining zone that separates the two aquifers. Assuming there are existing domestic users utilizing the Floridan aquifer in the vicinity of the project, the dry season water level is about 15 feet below land surface. When the projected drawdown of 0.7 foot is superimposed on the dry season water level, the resulting 15.7 feet below land surface dry season water level is within the withdrawal capability of a centrifugal pump. The potential for adverse impacts to occur to existing legal domestic users as a result of the withdrawal of the recommended allocation is considered minimal.

### **SALINE WATER INTRUSION:**

The nearest source of saline water is about 50 miles from this project. There are no nearby sources of saline water. The dissolved chloride concentration of the ground water in the upper Floridan aquifer in this area is less than 100 mg/l. Saline water intrusion or upconing is not a factor.

### **PROTECTED WETLANDS ENVIRONMENT:**

The project utilizes water from the upper Floridan aquifer, a semi-confined aquifer separated from the Surficial Aquifer System by a confining bed comprised of clay and dolomite. Due to the low hydraulic connection between the Floridan aquifer and the land surface, the potential for adverse impacts to occur to protected wetland environments as a result of the withdrawal of the recommended allocation is considered minimal.

### **SOURCES OF POLLUTION:**

There are no reported sources of pollution in the vicinity of the project. Withdrawals are from the upper Floridan aquifer, which is hydrologically separated from potential pollution sources near the land surface by a confining layer. The potential for the induced movement of contaminants from sources of pollution to occur as a result of the withdrawal of the recommended allocation is considered minimal.

### **ADDITIONAL DESCRIPTIVE INFORMATION:**

#### **PERMIT STATUS**

Water Use Permit No. 49-00453-W was issued on October 12, 1989. The permit was allowed to expire on October 12, 1992. However, Water Use Permit No. 49-00453-W is recommended to be retained for file continuity purposes.

#### **USE OF RECLAIMED WATER**

Kissimmee Golf Group, Inc. receives reclaimed water from the City of Kissimmee for golf course irrigation. The reclaimed water meets the entire irrigation demand for this project.

#### **RECOMMENDED ALLOCATION**

A volume of water equivalent to the recommended maximum monthly allocation of 14 MG is recommended to be allocated as a back-up in the event that reclaimed water flows are interrupted. Should reclaimed water become unavailable for a period of time in excess of 30 days, the permittee may apply to the District for an emergency authorization to use additional water.

The recommended allocation of 14 MG is based on a 30 day supplemental crop requirement of 4.68 inches for 84.51 acres of turf grass.

The backup source of water supply is ground water from the Floridan aquifer, which will be pumped into the irrigation lake system only when reclaimed water cannot be delivered to the project. Operation of the well will be for replacing the volume of water withdrawn from the lake system for irrigation purposes, not for maintaining the elevation of the lake system. According to Limiting Condition No. 23, the ratio of the number of gallons per day withdrawn from the wells to the number of gallons per day withdrawn from the on-site lake system shall not exceed 1:1.

#### WATER USE ACCOUNTING SYSTEM

The applicant has installed time clocks on the Floridan aquifer well pump. The permittee is required by Limiting Condition No. 17 to submit recalibration data on each water pumping accounting facility every two years. Limiting Condition No. 18 requires reporting of monthly withdrawals, to be submitted to the District on a quarterly basis.

#### CONSERVATION PLAN

The primary source of irrigation water for golf course is reclaimed water from the City of Kissimmee. The applicant has installed a Toro Network 8000 system device which is capable of shutting down the irrigation system when enough rain has fallen.

Xeriscape landscape principles have been utilized throughout the project.

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## RECOMMENDATIONS

APPLICATION NUMBER: 960307-12

DATE OF ISSUANCE: May 9, 1996

### RECOMMENDATION SUMMARY:

Staff recommends approval of Application No. 960307-12 for the golf course irrigation of 84.51 acres of turf using a solid set sprinkler irrigation system. Withdrawals are from the Floridan Aquifer System via 1 existing withdrawal facility and from an on-site lake/pond via 3 existing withdrawal facilities. The use is reasonable-beneficial, will not adversely impact presently existing legal uses and is consistent with the public interest. The use is further subject to 23 limiting conditions.

APPLICATION REVIEWER: Saleh M. Popalzai DATE: 4-3-96  
Saleh M. Popalzai, P.G.

SUPERVISOR: Walter P. Ward DATE: 4/3/96  
Walter P. Ward, P.G.

WATER USE DIVISION APPROVAL: Wm. Scott Burns DATE: 4/16/96  
Wm. Scott Burns, P.G.

**DRAFT**  
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## LIMITING CONDITIONS

- 1 . IN THE EVENT OF A DECLARED WATER SHORTAGE, WATER WITHDRAWAL REDUCTIONS WILL BE ORDERED BY THE DISTRICT IN ACCORDANCE WITH THE WATER SHORTAGE PLAN, CHAPTER 40E-21, FLORIDA ADMINISTRATIVE CODE. THE APPLICANT IS ADVISED THAT DURING A WATER SHORTAGE PUMPAGE REPORTS SHALL BE SUBMITTED AS REQUIRED BY CHAPTER 40E-21, FLORIDA ADMINISTRATIVE CODE.
- 2 . SOURCE CLASSIFICATION IS:  
  
GROUNDWATER FROM THE FLORIDAN AQUIFER SYSTEM  
SURFACE WATER FROM AN ON-SITE LAKE/POND
- 3 . PERMITTEE SHALL MITIGATE ANY ADVERSE IMPACT ON EXISTING LEGAL USES CAUSED BY WITHDRAWALS. WHEN ADVERSE IMPACTS OCCUR, OR ARE IMMINENT, THE DISTRICT RESERVES THE RIGHT TO CURTAIL WITHDRAWAL RATES. ADVERSE IMPACTS ARE:
  - A) REDUCTION IN WELL WATER LEVELS THAT IMPAIRS THE ABILITY OF AN ADJACENT WELL, INCLUDING A DOMESTIC WELL, LAWN IRRIGATION WELL, OR PUBLIC WATER SUPPLY WELL, TO PRODUCE WATER BY 10% OR GREATER,
  - B) SIGNIFICANT REDUCTION IN LEVELS IN AN ADJACENT WATER BODY SUCH AS A LAKE, POND, OR A CANAL SYSTEM THAT IMPAIRS THE ABILITY TO PRODUCE WATER BY 10% OR GREATER,
  - C) SALINE WATER INTRUSION OR INDUCED MOVEMENT OF POLLUTANTS INTO THE WATER SUPPLY OF AN ADJACENT WATER USE, RESULTING IN A SIGNIFICANT REDUCTION IN WATER QUALITY, AND
  - D) CHANGE IN WATER QUALITY CAUSED BY THE PERMITTEE THAT RESULTS IN SIGNIFICANT IMPAIRMENT OR LOSS OF USE OF A WELL OR WATER BODY.
- 4 . PERMITTEE SHALL MITIGATE ANY ADVERSE IMPACT ON EXISTING OFF-SITE LAND USE AS A CONSEQUENCE OF WITHDRAWALS PERMITTED HEREIN. IF INCREASED WITHDRAWALS CAUSE AN ADVERSE IMPACT ON EXISTING LAND USE, THE DISTRICT RESERVES THE RIGHT TO CURTAIL FUTURE WITHDRAWAL RATES. ADVERSE IMPACTS ARE:
  - A) SIGNIFICANT REDUCTION IN WATER LEVELS IN AN ADJACENT SURFACE WATER BODY, INCLUDING IMPOUNDMENTS, TO THE EXTENT THAT THE DESIGNED FUNCTION OF THE WATER BODY IS IMPAIRED,
  - B) LAND COLLAPSE OR SUBSIDENCE CAUSED BY REDUCTION IN WATER LEVELS; AND
  - C) DAMAGE TO CROPS AND OTHER TYPES OF VEGETATION.
- 5 . AUTHORIZED REPRESENTATIVES OF THE DISTRICT SHALL BE PERMITTED TO ENTER, INSPECT, AND OBSERVE THE PERMITTED SYSTEM TO DETERMINE COMPLIANCE WITH SPECIAL CONDITIONS.
- 6 . IF ANY CONDITION OF THE PERMIT IS VIOLATED, THE PERMIT SHALL BE SUBJECT TO REVIEW AND POSSIBLE MODIFICATION, ENFORCEMENT ACTION, OR REVOCATION.
- 7 . APPLICATION FOR A PERMIT MODIFICATION MAY BE MADE AT ANY TIME.

8 . WITHDRAWAL FACILITIES ARE:

GROUNDWATER - EXISTING:

1 - 10" X 410' X 1000 GPM WELL CASED TO 171 FEET

SURFACE WATER - EXISTING:

1 - 10" X 25 HP X 350 GPM TURBINE PUMP

1 - 12" X 50 HP X 800 GPM TURBINE PUMP

1 - 12" X 100 HP X 1400 GPM TURBINE PUMP

- 9 . THIS PERMIT SHALL EXPIRE ON DECEMBER 15, 1997.
10. ANNUAL ALLOCATION SHALL NOT EXCEED 14 MG.  
MAXIMUM MONTHLY ALLOCATION SHALL NOT EXCEED 14.0 MG.
11. USE CLASSIFICATION IS GOLF COURSE IRRIGATION.
12. THE PERMITTEE IS ADVISED THAT THIS PERMIT DOES NOT RELIEVE ANY PERSON FROM THE REQUIREMENT TO OBTAIN ALL NECESSARY FEDERAL, STATE, LOCAL AND SPECIAL DISTRICT AUTHORIZATIONS.
13. THE PERMIT DOES NOT CONVEY ANY PROPERTY RIGHT TO THE PERMITTEE, NOR ANY RIGHTS AND PRIVILEGES OTHER THAN THOSE SPECIFIED IN THE PERMIT AND CHAPTER 40E-2, F.A.C.
14. IF ADVERSE IMPACTS OCCUR TO NATURAL RESOURCES AS A RESULT OF THE PERMITTEE'S WATER WITHDRAWALS, THE PERMITTEE SHALL MITIGATE FOR SUCH IMPACTS. WHEN ADVERSE IMPACTS OCCUR, OR ARE IMMINENT, DISTRICT RESERVES THE RIGHT TO CURTAIL WITHDRAWAL RATES. EXAMPLES OF ADVERSE IMPACTS ARE:
- A) REDUCTION IN GROUND WATER LEVELS THAT RESULTS IN SIGNIFICANT LATERAL MOVEMENT OF THE FRESH WATER/SALT WATER INTERFACE,
  - B) REDUCTION IN WATER LEVELS THAT ADVERSELY IMPACT THE HYDROPERIOD OF PROTECTED WETLAND ENVIRONMENTS,
  - C) SIGNIFICANT REDUCTION IN WATER LEVELS OR HYDROPERIOD IN A NATURALLY OCCURRING WATER BODY SUCH AS A LAKE OR POND,
  - D) INDUCED MOVEMENT OR INDUCTION OF POLLUTANTS INTO THE WATER SUPPLY RESULTING IN A SIGNIFICANT REDUCTION IN WATER QUALITY, AND
  - E) SIGNIFICANT HARM TO THE NATURAL SYSTEM INCLUDING DAMAGE TO HABITAT FOR RARE OR ENDANGERED SPECIES.
15. PRIOR TO NOVEMBER 09, 1996, PERMITTEE SHALL PROVIDE THE RESULTS OF THE CALIBRATION TESTING OF THE IDENTIFIED WATER ACCOUNTING METHOD(S) AND EQUIP ALL EXISTING AND PROPOSED WITHDRAWAL FACILITIES WITH APPROVED WATER USE ACCOUNTING METHOD(S) PURSUANT TO SECTION 4.1 OF THE WATER USE BASIS OF REVIEW (MARCH, 1994).
16. PERMITTEE SHALL SUBMIT ALL DATA AS REQUIRED BY THE IMPLEMENTATION SCHEDULE

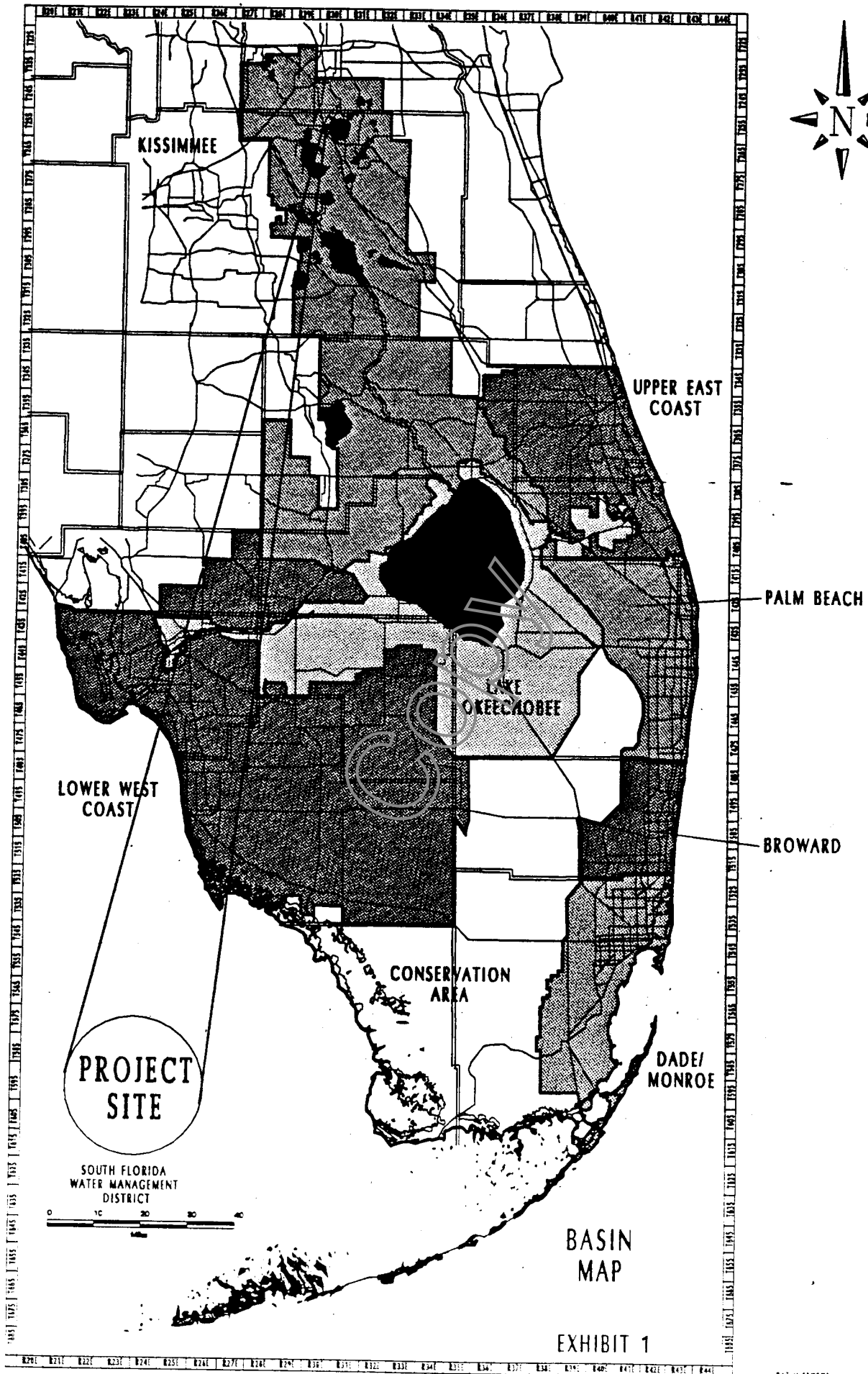
FOR EACH OF THE LIMITING CONDITIONS TO: S.F.W.M.D., SUPERVISING PROFESSIONAL - P.P.C., WATER USE DIVISION (4040), P.O. BOX 24680, WEST PALM BEACH, FL 33416-4680.

17. EVERY TWO YEARS FROM THE DATE OF PERMIT ISSUANCE, THE PERMITTEE SHALL SUBMIT RE-CALIBRATION DATA ON EACH WATER PUMPING ACCOUNTING FACILITY, FOR THOSE PERMITTEES WHOSE ACCOUNTING METHOD(S) REQUIRE RE-CALIBRATION.
18. MONTHLY WITHDRAWALS, SEPARATED BY EACH SOURCE AS STATED ON THE PERMIT, SHALL BE SUBMITTED TO THE DISTRICT ON A QUARTERLY BASIS. THE WATER ACCOUNTING METHOD AND MEANS OF CALIBRATION SHALL BE STATED ON EACH REPORT.
19. LANDSCAPE AND GOLF COURSE PERMITTEES MUST COMPLY WITH ALL PLAN REQUIREMENTS AND THE IMPLEMENTATION SCHEDULE CONTAINED IN THE PLAN SUBMITTED PURSUANT TO SECTION 2.3.1 OF THE BASIS OF REVIEW FOR WATER USE PERMIT APPLICATIONS WITHIN THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT - MARCH, 1994.
20. LANDSCAPE AND GOLF COURSE IRRIGATION IS PROHIBITED BETWEEN THE HOURS OF 10:00 A.M. AND 4:00 P.M., EXCEPT AS FOLLOWS:
  - A. IRRIGATION USING MICRO-IRRIGATION SYSTEM IS ALLOWED ANYTIME.
  - B. USERS WHOSE AVERAGE ANNUAL ALLOCATION IS MADE UP OF 75% OR GREATER VOLUME OF RECLAIMED WATER FOR IRRIGATION MAY IRRIGATE AT ANYTIME.
  - C. IRRIGATION OF, OR IN PREPARATION FOR PLANTING, NEW GOLF COURSES AND RECREATIONAL AREAS IS ALLOWED AT ANY TIME OF DAY FOR ONE 30 DAY PERIOD PROVIDED IRRIGATION IS LIMITED TO THE AMOUNT NECESSARY FOR PLANT ESTABLISHMENT. IRRIGATION OF NEWLY SEEDDED OR SPRIGGED GOLF COURSE AREAS IS ALLOWED ANY TIME OF DAY FOR ONE 60 DAY PERIOD.
  - D. WATERING IN OF CHEMICALS, INCLUDING INSECTICIDES, PESTICIDES, FERTILIZERS, FUNGICIDES, AND HERBICIDES WHEN REQUIRED BY LAW, RECOMMENDED BY THE MANUFACTURER OR CONSTITUTING BEST MANAGEMENT PRACTICES IS ALLOWED ANYTIME WITHIN 24 HOURS OF APPLICATION.
  - E. IRRIGATION SYSTEMS MAY BE OPERATED ANYTIME FOR MAINTENANCE AND REPAIR PURPOSES.
  - F. THE USE OF WATER TO PROTECT GOLF COURSE TURF FROM HEAT AND WIND STRESS DAMAGE IS ALLOWED ANYTIME.
21. IF AT ANY TIME THERE IS AN INDICATION THAT THE WELL CASING, VALVES, OR CONTROLS LEAK OR HAVE BECOME INOPERATIVE, REPAIRS OR REPLACEMENT SHALL BE MADE TO RESTORE THE SYSTEM TO AN OPERATING CONDITION. FAILURE TO MAKE SUCH REPAIRS SHALL BE CAUSE FOR FILLING AND ABANDONING THE WELL, IN ACCORDANCE WITH PROCEDURES OUTLINED IN CHAPTERS 40E-3 AND 40E-30, F.A.C.
22. PERMITTEE SHALL SECURE A WELL CONSTRUCTION PERMIT PRIOR TO CONSTRUCTION, REPAIR, OR ABANDONMENT OF ALL WELLS, AS DESCRIBED IN CHAPTERS 40E-3 AND

40E-30, F.A.C.

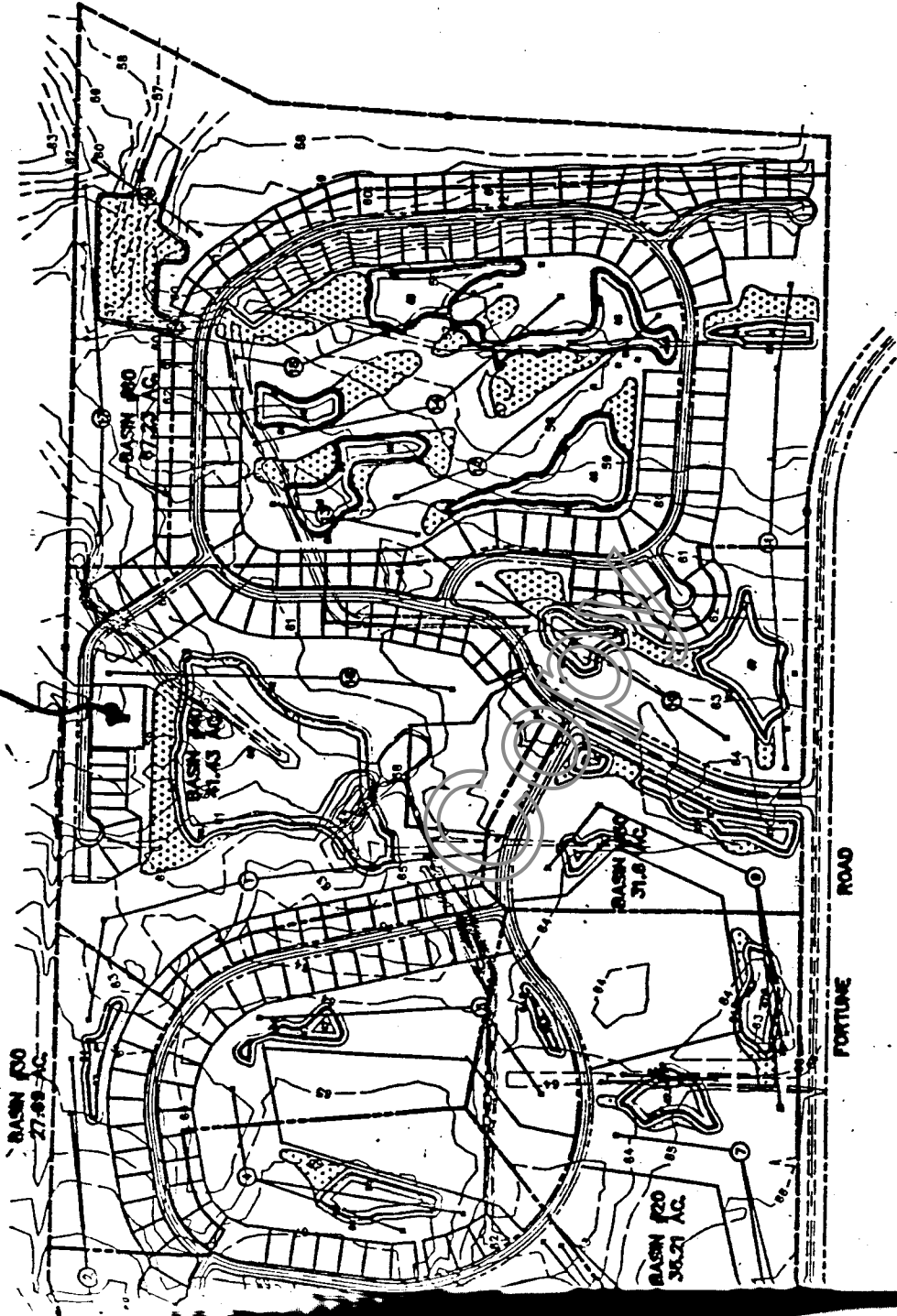
23. THE RATIO OF THE NUMBER OF GALLONS PER DAY WITHDRAWN FROM THE RECHARGE WELL(S) LISTED IN "TABLE A" TO THE NUMBER OF GALLONS PER DAY WITHDRAWN FROM THE ON-SITE POND PUMP LISTED IN "TABLE B" SHALL NOT EXCEED 1:1 ON AN AVERAGE MONTHLY BASIS.

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WELL & PUMPING STATION

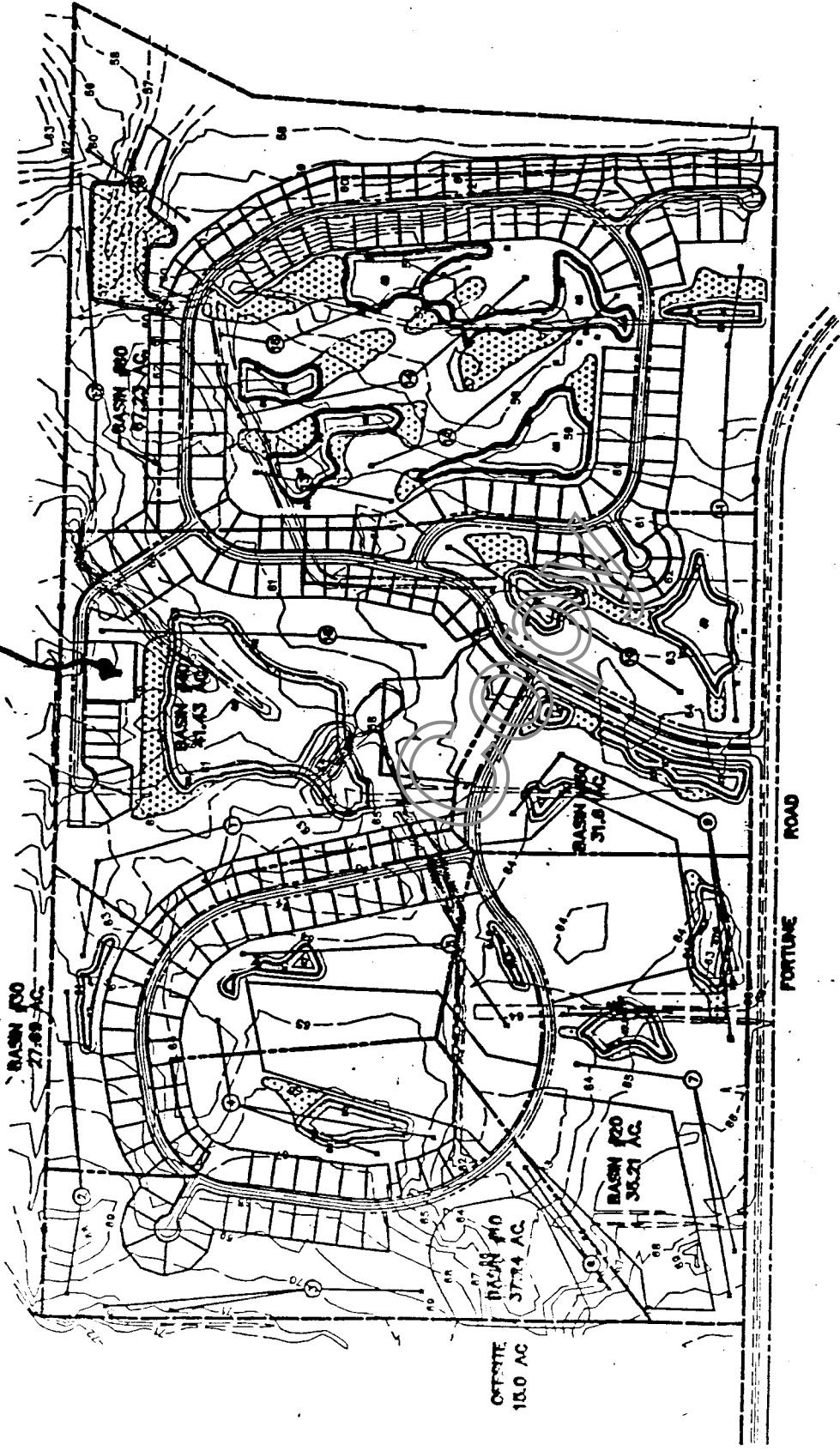


OFFSITE  
10.0 AC

<p><b>SITE MAP</b> <b>KISSIMMEE BAY</b></p>	
<p><b>CM ABBINGTON &amp; ASSOC</b>          CIVIL ENGINEERS / URBAN PLANNERS / LAND SURVEYORS          813 BRYAN STREET, KISSIMMEE, FLORIDA 32741          PHONE (407) 544-1000</p>	
<p>NO. _____</p>	<p>DATE _____</p>
<p>REVISIONS</p>	<p>NO. _____</p>

ITEM 11-1A  
WELL & PUMPING STATION

WELL & PUMPING STATION



<p><b>SITE MAP</b> <b>KISSIMEE BAY</b></p>	
<p><b>CM ABBINGTON &amp; ASSOC</b> CIVIL ENGINEERS / URBAN PLANNERS / LAND SURVEYORS 813 BRYAN STREET, NORWALK, FLORIDA 32744 (904) 644-1222</p>	
<p>DATE: _____</p>	<p>SCALE: _____</p>
<p>PROJECT: _____</p>	<p>NO. _____</p>

ITEM 11-1A  
WELL & PUMPING STATION



MODELING SUMMARY

MODEL NAME: TLEAKY  
 MODEL SCENARIO: IMPACT EVALUATION  
 NO. OF ROWS: 20  
 NO. OF COLUMNS: 20  
 NO. OF LAYERS: 2  
 NODAL SPACING: 400  
 PUMPING DURATION: 30

	LAYER 1	LAYER 2	LAYER 3	LAYER 4	DATA SOURCE
TRANSMISSIVITY (GPD/FT):		414.000			PUB. 84-1
STORAGE FACTOR (//):		.0001			PUB. 84-1
PERMEABILITY (GPD/SQ FT):					
EFFEC. POROSITY (//):					
THICKNESS (FT):					
LEAKANCE (GPD/CU FT):		.0001			
TOTAL PUMPAGE (MGD):					.470

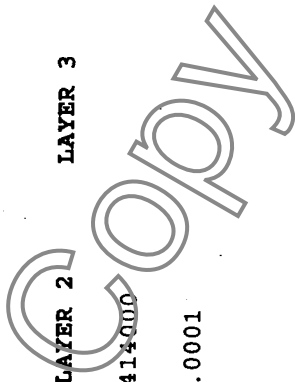


TABLE A  
DESCRIPTION OF WELLS

WELL NUMBER	1
MAP DESIGNATOR	1
EXISTING/PROPOSED	E
DIAMETER (INCHES)	.10
TOTAL DEPTH (FT)	410
CASED DEPTH (FT)	171
SCREENED INTERVAL	
PUMPED/FLOWING	P
WORKING VALVE	N
PUMP MANUF & MODEL NUMBER	PEERLESS
PUMP TYPE	TURBINE
INTAKE DEPTH (FT. NGVD)	70
PUMP CAPACITY (GPM)	1000
ACTIVE	Y
YEAR DRILLED	1990
METER TYPE	HOURLY METER
PLANAR COORDINATES	394781E 1445709N

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TABLE B  
DESCRIPTION OF SURFACE WATER PUMPS

PUMP NO	2	3	4
MAP DESIGNATOR	2	3	4
SURFACE WATER BODY	ON-SITE LAKE/POND	ON-SITE LAKE/POND	ON-SITE LAKE/POND
EXISTING/PROPOSED	E	E	E
PUMP MANUF./MODEL NO.	P.S.I. 12H135	PEERLESS 12M75	P.S.I. 10L30
PUMP TYPE	TURBINE	TURBINE	TURBINE
CAPACITY (GPM)	1400	800	350
HORSEPOWER	100	50	25
DIAMETER (IN.)	12	12	10
ELEV OF INTAKE (FT. NGVD)			
TWO WAY PUMP?	N	N	N
PLANAR COORDINATE	394890E 1445699N	394890E 1445699N	394890E 1445699N

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**STAFF REPORT DISTRIBUTION LIST**

**PROJECT:** KISSIMMEE BAY  
**APPLICANT:** KISSIMMEE GOLF GROUP INC

**APPLICATION NO.** 960307-12  
**PERMIT NO.** \_\_\_\_\_

**INTERNAL DISTRIBUTION**

Reviewer:  
X Saleh M. Popalzai, P.G.

- X S. Anderson - REG
- X B. Colavecchio - REG
- P. Kochan - REG
- X D. Loving - REG (WU)
- J. Morgan - GPA
- X B. Orłowski - REG
- B. Pratt - REG
- X B. Stimmel - GPA
- A. Waterhouse - REG
- L. Werst - REG
- Director, Big Cypress Basin
- Dir, Water Resource Evaluation Dept
- Director, Land Management
- Director, Planning Dept.
- Executive Director
- Well Construction Permitting
- X Area Engineer
- X Enforcement
- X Field Representative
- X Office of Counsel
- X Permit File

**GOVERNING BOARD MEMBERS**

- Ms. Valerie Boyd
- Mr. William Graham
- Mr. William Hammond
- Ms. Betsy Krant
- Mr. Richard Machek
- Mr. Eugene K. Pettis
- Mr. Nathaniel P. Reed
- Ms. Miriam Singer
- Mr. Frank Williamson, Jr.

**DEPT. OF ENVIRONMENTAL PROTECTION**

X Orlando

**EXTERNAL DISTRIBUTION**

X Applicant's Consultant:  
C M ARRINGTON & ASSOCIATES INC

X Engineer, County of:  
Osceola

Engineer, City of:  
\_\_\_\_\_

Local Drainage District:  
\_\_\_\_\_

Building Dept., County of:  
\_\_\_\_\_

Building Dept., City of:  
\_\_\_\_\_

**COUNTY**

**BUILDING AND ZONING**

**OTHER**

- X Div of Recreation and Park - District 6
- X F.G.F.W.F.C.
- X Kissimmee River Coord. Council
- Mr. Alan Cox
- X Remington Golf Course Partnership
- Robertson & Williams, PA
- X Town Planner-Windermere