

Technical Publication SJ93-2

**ANNUAL REPORT ON
ABANDONED ARTESIAN WELLS**

1992

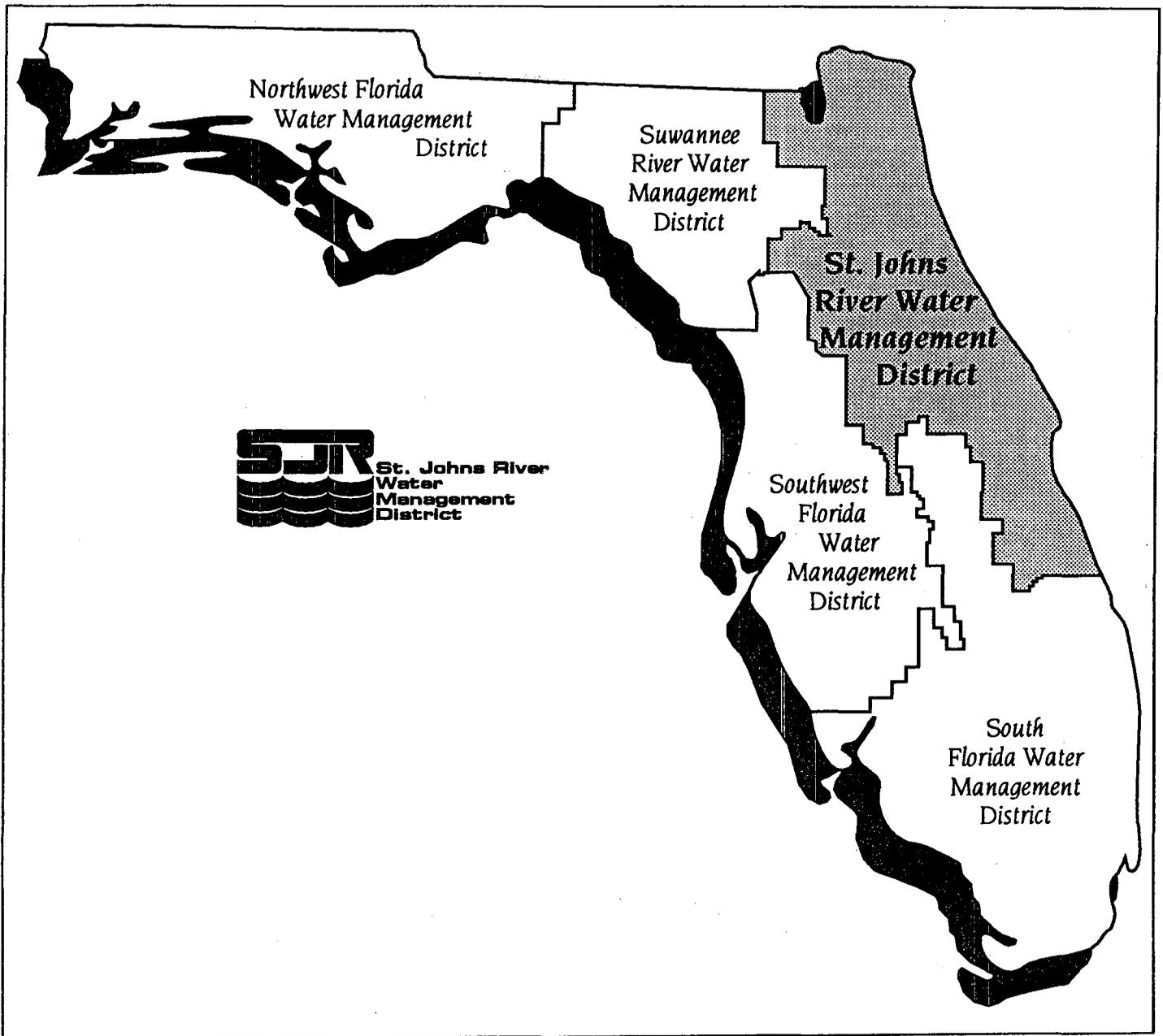
(OCTOBER 1991 THROUGH SEPTEMBER 1992)

by

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St. Johns River Water Management District
Palatka, Florida

1993



The St. Johns River Water Management District (SJRWMD) was created by the Florida Legislature in 1972 to be one of five water management districts in Florida. It includes all or part of 19 counties in northeast Florida. The mission of SJRWMD is to manage water resources to ensure their continued availability while maximizing environmental and economic benefits. It accomplishes its mission through regulation; applied research; assistance to federal, state, and local governments; operation and maintenance of water control works; and land acquisition and management.

Technical reports are published to disseminate information collected by SJRWMD in pursuit of its mission. Copies of this report can be obtained from:

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EXECUTIVE SUMMARY

This document was prepared to comply with the requirements of Section 373.207 *Florida Statutes* (1991). It is the tenth annual report concerning the St. Johns River Water Management District's (SJRWMD) abandoned artesian well inventory and work plan for controlling or plugging inventoried wells. This report covers the fiscal year (FY) October 1, 1991, through September 30, 1992.

As of September 30, 1992, the cumulative number of artesian wells identified under the abandoned artesian well plugging program was 1,980. Of this total, 585 are still flowing, 777 have been plugged or repaired through the SJRWMD cost share program, and 618 have been plugged or repaired by the well owner.

In FY 1991-92, a total of 115 wells were plugged or reconstructed. This saved an estimated 17.856 million gallons per day (mgd) of water. Plugging or reconstructing wells saved an estimated 126.318 mgd of water from 1976 through September 1992. (Maintenance of the data base is the reason that accumulated totals do not correlate with the FY 1990-91 report.)

FY 1991-92 total costs for the well plugging program were \$445,935.08, or \$3,877.70 per well (based on 115 wells). The total costs for the well plugging program since October 1980 were \$2,072,230.84, or \$2,666.96 per well (based on 777 wells).

At the current level of funding, an estimated \$2,268,455 will be needed to plug or reconstruct the remaining 585 abandoned artesian wells in SJRWMD. An estimated 5 years are needed to plug or reconstruct these wells.

ABANDONED ARTESIAN WELLS: 1992

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INTRODUCTION

Uncontrolled or improperly constructed artesian wells have a major effect on the quantity and quality of Florida's ground water resources. Wells have been drilled that do not meet current well construction standards. In addition to poor construction, many of these wells were drilled some time ago and poor water quality has caused deterioration and subsequent leaking of the casing.

In the St. Johns River Water Management District (SJRWMD), the Floridan aquifer is the main source of artesian flow for these wells. This aquifer is composed of limestone units. In some cases, the flow from uncontrolled or improperly constructed wells has reduced the water levels (potentiometric surface) of the Floridan aquifer, which has increased the potential for mineralized or saline water to contaminate potable water supplies.

This document was prepared to comply with the requirements of Section 373.207 *Florida Statutes* (FS) (1991). It is the tenth annual report concerning the SJRWMD abandoned artesian well inventory and work plan for controlling or plugging inventoried wells. This report covers the fiscal year (FY) October 1, 1991, through September 30, 1992.

HISTORY OF WELL PLUGGING

LEGISLATION

In the early 1950s, severe drought conditions prompted regulations to be passed to prevent the waste of water from abandoned artesian wells. Sections 373.051 to .055 *FS* (1953) required that working valves or caps be installed on all abandoned artesian wells. In 1957, the Legislature adopted Sections 373.021 to .061, *FS*, which provided for the plugging of all artesian wells that were in violation of the law. Until 1972, however, the regulation and control of abandoned artesian wells were minimal. In 1972, the Florida Legislature established five water management districts, and the rules concerning abandoned artesian wells began to be enforced by the districts through the Florida Department of Environmental Regulation (FDER).

The *Water Quality Assurance Act of 1983*, passed in June 1983, called for all known abandoned artesian wells to be plugged by the water management districts by January 1, 1992. An initial inventory and work plan outlining the methods and costs for well plugging was to be submitted to FDER by January 1, 1984, and an annual report was to be sent in each succeeding year until all the wells were plugged or until January 1, 1992, whichever is later (Section 373.207 *FS* [1991]). As of July 1, 1993, reports will be submitted to the Florida Department of Environmental Protection.

WELL PLUGGING PRIOR TO 1991-92

SJRWMD began plugging wells in 1976. This began as a cooperative program with the Agricultural Stabilization and Conservation Services (ASCS) to improve water quality in irrigation wells. This program consisted of partially backplugging wells that had been drilled into fresh water that

had become saline water. SJRWMD provided technical assistance, and well owners shared plugging costs with ASCS.

In 1989, SJRWMD and ASCS signed a Memorandum of Understanding (MOU), which provided funds to plug or repair wells located on agricultural land. This MOU has been renewed each year (Appendix A, p. 35). As of September 1991, two wells had been plugged or reconstructed under the MOU, saving an estimated 0.288 million gallons per day (mgd) of water (Steele 1992).

In 1981, SJRWMD and the Brevard County Board of County Commissioners developed an agreement in which SJRWMD provided matching funds for plugging wells in Brevard County. This program has been renewed annually. In FY 1990-91, it was renewed for the sole purpose of plugging mosquito control wells. As of September 1991, 275 wells in Brevard County had been plugged or reconstructed, saving an estimated 60.476 mgd of water.

In 1986, SJRWMD initiated a cost share program for individuals with wells in counties that did not have a cooperative program with SJRWMD (Appendix B, p. 81). This program also is available to individuals with wells in counties that have a cooperative program, but only when funding is no longer available through the county agreement. The individual cost share program is ongoing. Individual well owners can enter into an agreement with SJRWMD whereby they are liable for one-half the cost for materials and labor up to a maximum of \$600. For example, if the total cost of a job were \$1,200, the owner and SJRWMD would each pay \$600. If the total cost were \$1,900, the owner would pay \$600 and SJRWMD would pay the balance of \$1,300. As of September 1991, 72 wells had been plugged under this program, saving an estimated 7.907 mgd of water (Table 1).

Prior to 1991, SJRWMD had plugged or reconstructed 40 wells at no cost to the well owner or to the appropriate board of county commissioners. These wells were located in Flagler, Indian River, Marion, Putnam, St. Johns, Seminole, and Volusia counties.

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Plugging or reconstructing these wells saved an estimated 3.293 mgd of water.

Table 1. Number of wells plugged under the Individual Cost Share Program as of September 1991 and the estimated amount of water saved in million gallons per day

County	Number of Wells Plugged or Reconstructed	Flow
Brevard	1	0.072
Clay	6	0.478
Duval	5	2.979
Indian River	6	1.620
Lake	9	0.086
Marion	22	0.101
Nassau	1	0.000
Putnam	4	0.065
St. Johns	5	1.937
Seminole	9	0.108
Volusia	4	0.461
TOTAL	72	7.907

In 1988, SJRWMD and the Seminole Soil and Water Conservation District (SSWCD) signed a cooperative agreement to plug or repair wells in Seminole County. In 1989-90, the agreement was modified to a three-party agreement between SJRWMD, SSWCD, and Seminole County. This project was funded by the Florida Department of Agriculture and Consumer Services. Seminole County contributed funds to plug wells located on county-owned property. There was no cost to the individual well owner. As of

September 1991, 126 wells had been plugged or repaired in Seminole County, saving an estimated 3.780 mgd of water.

In 1989, SJRWMD and the City of Jacksonville signed a cooperative agreement to plug or repair wells in Duval County. This agreement has been renewed annually. As of September 1991, 11 wells had been plugged or repaired in Duval County, saving an estimated 0.691 mgd of water.

In 1989, SJRWMD and Indian River County signed a cooperative agreement to plug wells located in Indian River County. This agreement has been renewed annually. As of September 1991, 48 wells had been plugged or repaired, saving an estimated 13.456 mgd of water.

In 1990, an informal agreement was made with Orange County to inventory abandoned artesian wells. Orange County agreed to spend approximately \$5,000 to inventory abandoned artesian wells. As of September 1991, 21 wells had been inventoried in Orange County. Of the owners contacted, most repaired their own wells (Steele 1992).

In 1990, Putnam County signed a cooperative agreement with SJRWMD to plug wells in Putnam County. As of September 1991, four wells had been plugged, saving an estimated 0.274 mgd of water.

In 1990, St. Johns County signed a cooperative agreement with SJRWMD to plug wells located in St. Johns County. Also, through an agreement between SJRWMD and Health and Rehabilitative Services of St. Johns County, a position was funded. This individual located abandoned artesian wells in St. Johns County. As of September 1991, two wells had been plugged, saving an estimated 0.216 mgd of water.

In 1990, an informal agreement was made with Volusia County. Volusia County agreed to provide \$5,000 of in-kind services for inventorying and obtaining permission to plug abandoned artesian wells in Volusia County. In return, SJRWMD would

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plug the wells, matching the amount spent by Volusia County. As of September 1991, two wells had been plugged, saving an estimated 1.152 mgd of water.

SJRWMD has purchased property for the purpose of preserving and restoring marshland for flood control and environmental enhancement. On much of this property, wells had been drilled to support agricultural land use. As of September 1991, 80 wells had been plugged on SJRWMD property, saving an estimated 16.928 mgd of water (Table 2).

Table 2. Number of wells plugged on St. Johns River Water Management District property as of September 1991 and the estimated amount of water saved in million gallons per day

County	Number of Wells Plugged or Reconstructed	Flow
Brevard	29	8.179
Indian River	36	8.568
Lake	7	0.072
Marion	4	0.000
Orange	1	0.108
Osceola	3	0.001
TOTAL	80	16.928

THE WELL PLUGGING PROGRAM

INVENTORY

There have been different estimates on the number of abandoned artesian wells located in SJRWMD. Initially, the Florida Geological Survey (Hendry and Lavender 1959) estimated that there were 715 abandoned artesian wells in SJRWMD. The U.S. Geological Survey (Healy 1978) estimated there were approximately 5,000 abandoned artesian wells in SJRWMD (Figure 1). As of September 30, 1992, the cumulative number of artesian wells identified under the abandoned artesian well plugging program was 1,980 (Appendix C, p. 91). A well is included on the inventory if it meets any of the conditions set forth in Subsection 373.203(3), FS, as listed below.

373.203 Definitions. —

- (1) "Abandoned artesian well" is defined as an artesian well:
 - (a) That does not have a properly functioning valve;
 - (b) The use of which has been permanently discontinued;
 - (c) That does not meet current well construction standards;
 - (d) That is discharging water containing greater than 500 milligrams per liter of chlorides into a drinking water aquifer;
 - (e) That is in such a state of disrepair that it cannot be used for its intended purpose without having an adverse impact upon an aquifer which serves as a source of drinking water or which is likely to be such a source in the future; or
 - (f) That does not have proper flow control on or below the land surface.

Out of a cumulative total of 1,980 wells inventoried in SJRWMD, 585 are still flowing, 777 have been plugged or repaired through the SJRWMD cost share program (Figure 2), and 618 have been plugged or repaired by the well owner (Appendix C, p. 91). Though numbers may vary, all estimates indicate that the majority of the wells are located in the southern half of SJRWMD. This area of SJRWMD has the largest area of artesian flow and the highest concentration of agricultural land.

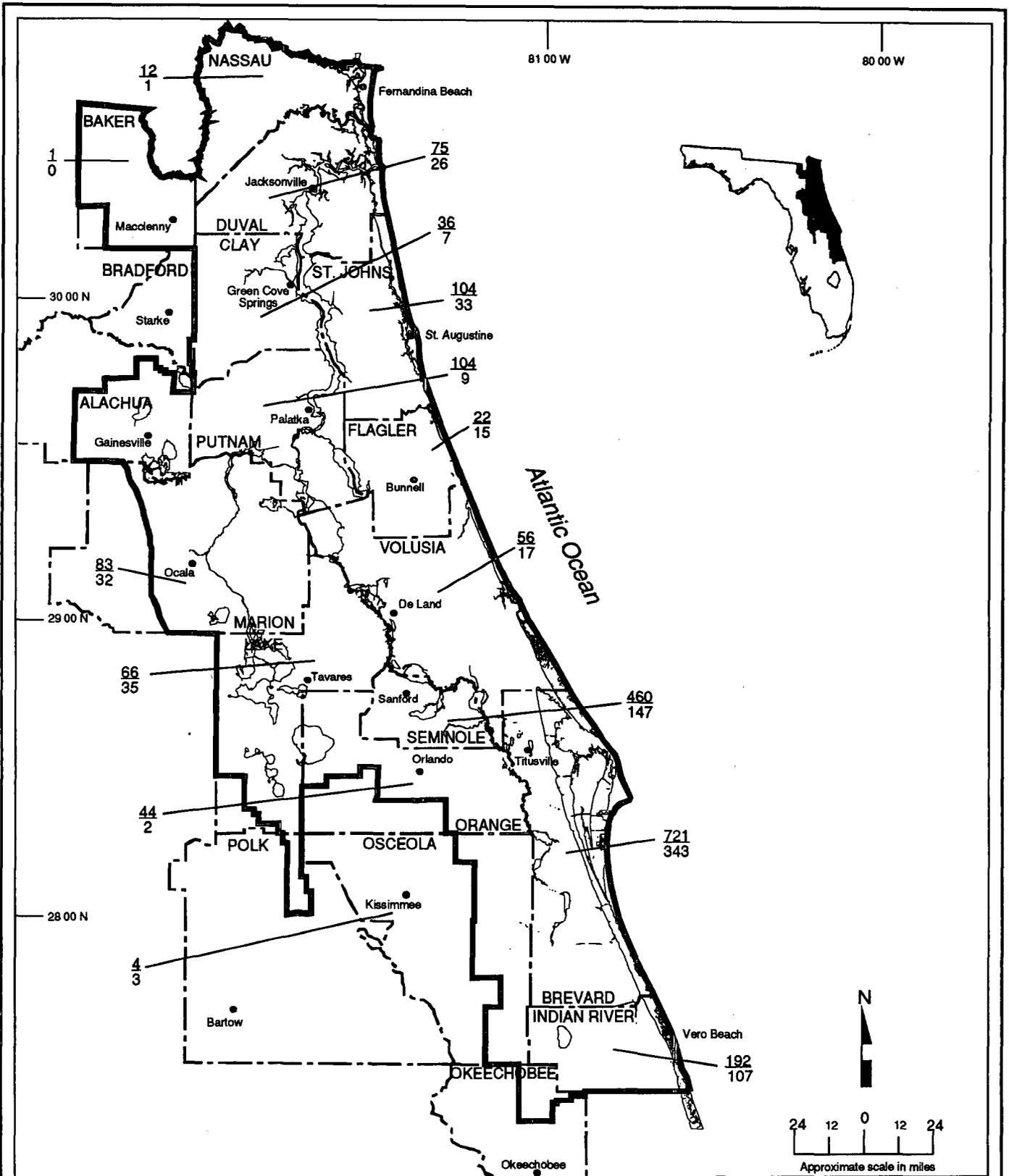


Figure 2. Abandoned artesian wells inventoried, plugged, and repaired in the St. Johns River Water Management District (SJRWMD)

LEGEND

- St. Johns River Water Management District boundary
- - - County boundary
- County seat location
- 75 Number of wells inventoried
- 26 Number of wells plugged or repaired by SJRWMD



SJRWMD maintains a computer data base on all abandoned artesian wells. Updating the inventory of wells is an ongoing process using reports from other agencies, reports from citizens, and routine field work. Maintenance of the data base is the reason this report does not always correlate to Steele (1992). The computer data base includes the location of the well, construction details, water quality information, owner's name, and general comments. A paper file is also kept for each well and includes a photograph and a detailed map to the site.

PRIORITY

A priority system has been established in the SJRWMD well plugging program to rank groups of wells according to the impact of the wells on the water resources of the area. The criteria considered when grouping wells include the following.

- The quality of water being discharged or involved in interaquifer flow
- The quantity of water
- The well construction
- The physical condition of the well

Wells are placed into one of the following eight categories. Category one has the highest priority ranking, and category eight has the lowest priority ranking.

- 1—Wells producing good quality water in an area of limited supply and no recharge capability (an isolated lens of fresh water)
- 2—Wells producing good quality water in an area of large supply and no recharge capability
- 3—Wells producing good quality water in areas of limited supply and recharge capability

- 4—Wells producing poor quality water discharging into fresh, shallow aquifers (areas dependent on shallow aquifers for potable water supply will have higher priority)
- 5—Wells producing poor quality water directly discharging into fresh surface water bodies (areas that exhibit rapidly increasing chloride levels will have higher priority)
- 6—Wells producing good quality water in large supply and in an area of recharge capability
- 7—Wells producing poor quality water discharging into shallow aquifers exhibiting high chloride levels
- 8—Wells producing poor quality water directly discharging into brackish or saline surface water bodies

FLOW DETERMINATION METHODS

Two methods were used in the field to obtain the estimated flow of a well.

The first method was used for water flowing through a vertical pipe. This estimated flow was determined by measuring (in inches) the maximum height to which the water jet rose above the casing or pipe and the inside diameter of the casing or pipe. These measurements can then be used in the following formula to determine the estimated flow in gallons per minute (gpm).

$$gpm = 5.68 \times C \times D^2 \times \sqrt{H}$$

Where:

- C = a constant varying from 0.87 to 0.97
D = diameter of the pipe in inches
H = height of jet in inches

The second method was used for water flow from a horizontal or inclined pipe. The pipe must be flowing full. This estimated flow was determined by measuring to the top of the flowing stream (y) and always measuring so that y equals 12 inches vertically (Karassik et al. 1986). The horizontal distance (x) is the distance from the top edge of the pipe to where x intersects with y . The following formula is used to determine the gpm of estimated flow.

$$gpm = 0.818 D^2X$$

Where:

D = diameter of the pipe in inches
X = horizontal distance

PLUGGING METHODS

The various legal, technical, and financial aspects of a particular well plugging project are discussed with the well owners. Contract documents, cooperative agreements, and permitting requirements are handled as needed (Appendix A, p. 33).

Specifications for plugging the wells are developed based on current rules (SJRWMD Rules; Chapter 40C-3 *Florida Administrative Code [F.A.C.]*, revised edition) and the hydrogeologic setting of the well. This information is used to determine what type of plug will be necessary. The criteria that are considered include the following.

- Location of aquifers and confining units
- Construction details of the well, including cased depth and total depth
- Present conditions of the well, based on geophysical logs or on the results of running drill rod or tremie pipe to the bottom of the well

- Ambient water quality

Plugging methods are generally backfill, QUIP plugs, or a combination of both.

Backfill

Backfill is generally the best method to ensure that a well is plugged properly. The method involves setting drill rod or tremie pipe (see Glossary) to about 20 feet from the bottom of the well and pumping a cement slurry through it to fill the well from the bottom to land surface. Cement can be used in one large batch or in stages. Generally, by pumping several smaller batches and allowing time for the cement to set, wasting cement can be avoided. If a well is taking much more cement than calculated, it may be necessary to install a plug (see below) or use gravel to bridge certain zones that are leaking cement. Once the leak has been stopped, the well can be backfilled to the surface.

QUIP Plugs

QUIP plugs seal a well or hold cement in place until it sets. The Southwest Florida Water Management District has devised a form of cement plug (termed QWIP—from Quality of Water Improvement Program) to bridge zones of lost circulation or to set casings (Figure 3). This plug is generally fabricated on site and attached to 1¼-inch-diameter PVC tremie pipe. A coarse left-hand threaded coupling and nipple are used to provide a positive disconnect system so the tremie pipe can be removed from above the plug. A check valve is placed on the tremie pipe to prevent the slurry from being forced out of the burlap “sock” by natural water pressure. A calculated volume of slurry is pumped into the sock and allowed to set. This plug can bridge the large cavities in soft limestone and prevent interaquifer flow.

RECONSTRUCTION METHODS

Before a determination is made as to whether a well can be reconstructed or repaired, the well is geophysically logged and

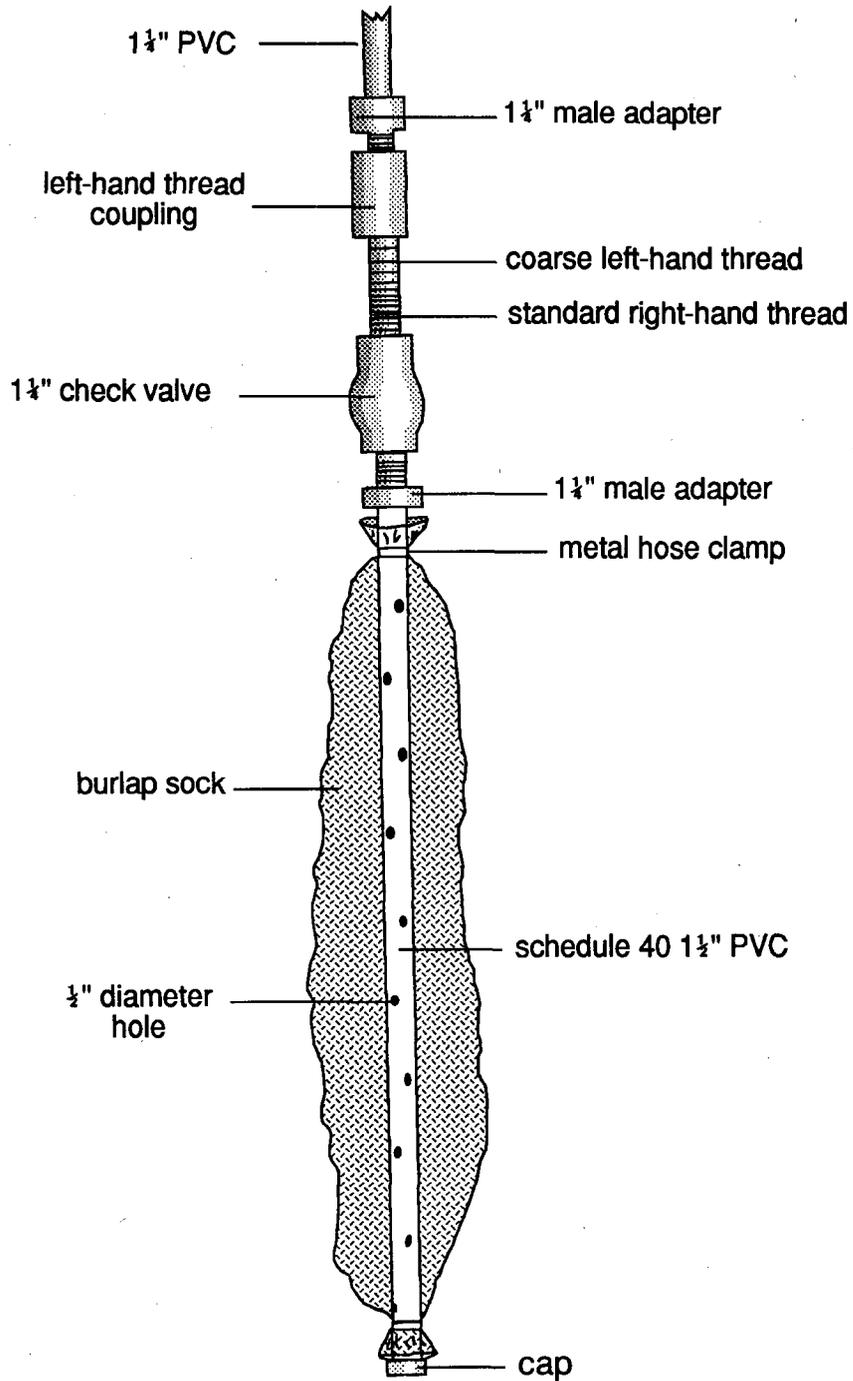


Figure 3. Schematic of a "QWIP" plug

water samples taken. This is done to determine the condition of the well and the nature of the reconstruction plan, if any. After an evaluation of the log and water quality report, a reconstruction plan is prepared.

The specifications for reconstructing wells are similar to those in the section on plugging methods (see p. 12).

One or a combination of the following reconstruction methods is generally used.

- Valves or caps
- Backplug
- Relining

Valves or Caps

When the well does not present any water quality problems or problems with transfer of water from one aquifer to another (interaquifer flow), the most efficient way to preserve the water resource is to install a workable valve or cap.

Backplug

A backplug is generally used for wells that are drilled into saline water. The water samples are taken at various depths inside the well to determine if there is a zone of fresh water above the saline water. If fresh water is found above the saline zone, then a calculated amount of cement will be pumped from the bottom of the well to the depth of the zone of fresh water (Figure 4). This is usually done in stages to ensure that only the saline zone is eliminated.

Relining

Wells that could be considered for relining are usually at least 6 inches, nominal diameter size. They are usually short-cased, or the casing is in extremely bad shape. Section 40C-3.517 F.A.C.

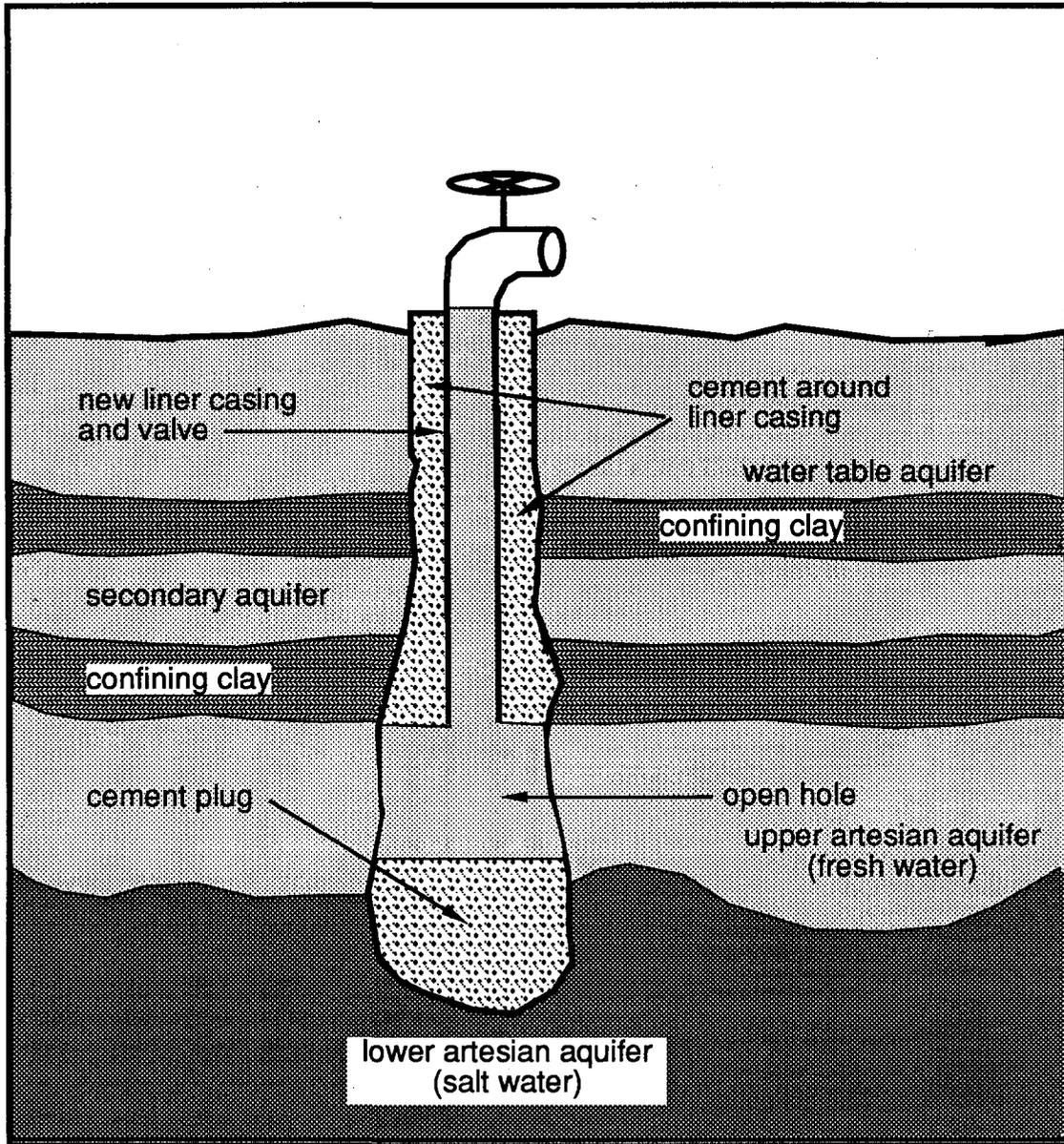


Figure 4. Schematic of a reconstructed well

requires approximately 2 inches of cement grout between casings. For example, an 8-inch-diameter well (nominal size) will be relined with 4-inch-diameter casing (Figure 4). The casing would be set at the top of the Floridan aquifer.

THE YEAR IN REVIEW—1991-92 PROJECTS

By September 30, 1992, SJRWMD had an inventory of 585 abandoned artesian wells (Table 3). Flows at land surface have been measured for 66 of these wells, which account for approximately 9.376 mgd of wasted ground water. This estimate does not include flow between aquifers below land surface. An additional 66.294 mgd is estimated to flow from the remaining 519 inventoried wells.

Estimated flows are calculated by county, then summed for a SJRWMD total. The calculation is as follows.

- 1) Determine county average of known flow
- 2) Multiply result (average known flow) by the number of wells of unknown flow (for counties in which no flow is known, the SJRWMD average, 0.142 mgd, is used)
- 3) Combine the estimated unknown flow with the known flow for a county total

For FY 1991-92, plugged or reconstructed wells were located in Brevard, Clay, Duval, Indian River, Lake, Marion, Orange, St. Johns, Seminole, and Volusia counties.

A total of 115 wells were plugged or reconstructed by SJRWMD in FY 1991-92, compared to 88 wells in FY 1990-91 (Steele 1992). SJRWMD contracted with O.E. Smith's Sons, a licensed Florida water well contractor, to plug or reconstruct wells during FY 1991-92 (Appendix A, p. 63). Plugging or reconstructing wells saved an estimated 17.856 mgd of water during FY 1991-92.

From 1976 through September 1992, the well plugging program has provided for the plugging or reconstruction of 777 wells, thereby saving an estimated 126.318 mgd of ground water flow.

Table 3. Estimated wasted surface flow from abandoned artesian wells as of September 30, 1992, in million gallons per day (mgd)

County	Number of Free-Flowing Wells in Inventory	Number of Wells of Known Flow	Known Flow	Number of Wells of Unknown Flow	Estimated Flow	Total Estimated Flow
Alachua	0	0	0.000	0	0.000	0.000
Baker	1	0	0.000	1	0.142*	0.142
Bradford	0	0	0.000	0	0.000	0.000
Brevard	195	32	5.652	163	28.790	34.442
Clay	5	0	0.000	5	0.710*	0.710
Duval	19	0	0.000	19	2.698*	2.698
Flagler	4	2	0.003	2	0.003	0.006
Indian River	28	6	2.412	22	8.844	11.256
Lake	9	0	0.000	9	1.278*	1.278
Marion	22	0	0.000	22	3.124*	3.124
Nassau	6	0	0.000	6	0.852*	0.852
Okeechobee	0	0	0.000	0	0.000	0.000
Orange	33	0	0.000	33	4.686*	4.686
Osceola	1	0	0.000	1	0.142*	0.142
Polk	0	0	0.000	0	0.000	0.000
Putnam	23	2	0.029	21	0.305	0.334
St. Johns	29	1	0.216	28	6.048	6.264
Seminole	185	20	0.949	165	7.829	8.778
Volusia	25	3	0.115	22	0.843	0.958
TOTAL	585	66	9.376	519	66.294	75.670

* SJRWMD average (0.142 mgd) used for estimated flow (see Appendix C, p. 116)

PLUGGED WELLS

A total of 98 wells were plugged during FY 1991-92, saving an estimated 17.388 mgd of water (Appendix C, p. 93). The remainder of this section presents details by county.

Brevard County

The FY 1991-92 agreement between the Brevard County Board of County Commissioners and SJRWMD was modified to include \$20,000 to plug mosquito control wells and \$40,000 to plug wells for individual land owners (Appendix A, p. 41). The Brevard County Office of Natural Resources was responsible for obtaining permission from well owners. One mosquito control well was plugged, saving an estimated 0.180 mgd of water. Nineteen wells were plugged for individual well owners, saving an estimated 2.772 mgd of water.

Eleven wells were plugged under individual well plugging agreements, saving an estimated 0.799 mgd of water.

SJRWMD purchased some agricultural land south of County Road 514. Seven abandoned artesian wells were plugged on this land, saving an estimated 3.456 mgd of water.

A total of 38 wells were plugged in Brevard County, saving an estimated 7.207 mgd of water.

Clay County

One well was plugged in Clay County under an individual well plugging agreement, saving an estimated 0.432 mgd of water.

Duval County

One well was plugged in Duval County by SJRWMD, saving an estimated 0.432 mgd of water.

Indian River County

Indian River County budgeted \$60,000 for well plugging (Appendix A, p. 47). Thirty thousand dollars was used to plug wells for individual land owners, and \$30,000 was used to plug wells on Indian River County Utilities property. The Indian River County Office of Environmental Planning was responsible for locating wells and obtaining permission from well owners for plugging. Eight wells were plugged for individual land owners, saving an estimated 1.750 mgd of water. Three wells were plugged for Indian River County Utilities. These wells were not flowing at land surface.

Five wells were plugged in Indian River County under individual well plugging agreements, saving an estimated 0.504 mgd of water.

A total of 16 wells were plugged in Indian River County, saving an estimated 2.254 mgd of water.

Lake County

Twelve wells were plugged in Lake County on SJRWMD property. This property was agricultural land that was bought to reclaim as marsh. These wells were not flowing at land surface.

Seven wells were plugged in Lake County under an individual well plugging agreement. These wells were large-diameter wells that were not flowing at land surface.

A total of 19 wells were plugged in Lake County.

Marion County

Three wells were plugged in Marion County through an agreement between SJRWMD and the U.S. Department of Agriculture, Forest Service (Appendix A, p. 59). These wells were located within the Lake George Ranger District of the Ocala National Forest. These wells were not flowing at land surface.

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Two wells were plugged in Marion County on SJRWMD property, saving an estimated 0.468 mgd of water.

A total of five wells were plugged in Marion County, saving an estimated 0.468 mgd of water.

Orange County

One well was plugged in Orange County under an individual well plugging agreement. This well was open at land surface but not flowing.

St. Johns County

Twelve wells were plugged in St. Johns County under individual well plugging agreements, saving an estimated 6.120 mgd of water.

Seminole County

One well was plugged in Seminole County through the ASCS cost share program, saving an estimated 0.036 mgd of water.

One well was plugged under an individual well plugging agreement, saving an estimated 0.360 mgd of water.

A total of two wells were plugged in Seminole County, saving an estimated 0.396 mgd of water.

Volusia County

Two wells were plugged in Volusia County under an individual well plugging agreement, saving an estimated 0.079 mgd of water.

One well was plugged in Volusia County by SJRWMD. This well was not flowing at the time it was plugged. It did flow at certain times of the year.

A total of three wells were plugged in Volusia County, saving an estimated 0.079 mgd of water.

RECONSTRUCTED WELLS

A total of 17 wells were reconstructed through cost share programs with either SJRWMD or ASCS, saving an estimated 0.468 mgd of water during FY 1991-92 (Appendix C, p. 93). The remainder of this section presents details by county.

Duval County

The cooperative agreement between SJRWMD and the City of Jacksonville provided funds to plug or repair wells in Duval County (Appendix A, p. 73). The city's Water Resources Division was responsible for locating wells and obtaining permission from the owners. This year the City of Jacksonville decided to use these funds to prepare nine abandoned City wells for geophysical logging to determine if the wells could be converted into mid-Floridan aquifer monitor wells. Some of these wells were drilled out; most of the wells only needed valves installed to provide vertical access for logging. Flows have not been measured for these wells.

Seminole County

Seven wells were repaired in Seminole County through the SJRWMD and ASCS cost share program. The well casings were repaired and then capped. Repairing these wells saved an estimated 0.432 mgd of water.

Volusia County

One well was repaired in Volusia County on SJRWMD property, saving an estimated 0.036 mgd of water.

COSTS

Costs associated with the well plugging program include actual total costs for plugging and reconstruction and program support. Actual costs are the costs associated with consultant fees, contractual services, cement, and related equipment. Program support costs include salaries, insurance, travel, supplies, purchased equipment, rental equipment, and other commodities. An administrative cost is added to the program support costs to show the estimated costs associated with bidding, invoicing, legal services, and other administrative processes. Administrative costs are estimated to be 12 percent of support costs.

From October 1991 through September 1992, SJRWMD spent \$308,887.74, or \$2,685.98 per well, on actual plugging or reconstruction (Table 4). The cumulative total spent since FY 1980-81 is \$1,174,537.76, or \$1,511.63 per well.

From October 1991 through September 1992, SJRWMD spent \$137,047.34, or \$1,191.72 per well, on program support costs (Table 5). The cumulative total spent since FY 1980-81 is \$897,693.08, or \$1,155.33 per well.

Total costs for the well plugging program in FY 1991-92 were \$445,935.08, or \$3,877.70 per well. The total costs for the well plugging program since October 1980 were \$2,072,230.84, or \$2,666.96 per well (based on 777 wells).

Assuming the inventory of 585 wells is complete, an estimated additional \$2,268,455 (in 1992 dollars) will be needed to plug or reconstruct these wells. From FY 1986-87 to FY 1991-92, an average of 110 wells per year were plugged or reconstructed under the well plugging program at SJRWMD. At this rate, it will be 5 years (September 1997) before all inventoried wells are plugged or reconstructed.

In FY 1990-91, SJRWMD started reconstruction of two wells, one in Nassau County and one in Volusia County. These wells and associated costs were included in Steele (1992). The work was completed during the first month of FY 1991-92, at an additional cost of \$22,391.00. This changes the average cost per well in FY 1990-91 from \$13,932.62 to \$21,396.29. The \$22,391 is not included in any FY 1991-92 cost totals (Table 4).

Table 4. Actual plugging and reconstruction costs

Well Plugging	Costs
Contractual services, cement, related equipment, and consulting fees	\$288,922.17
Average per well (98 wells)	\$ 2,948.19
Well Reconstruction	Costs
Materials and labor*	\$ 19,965.57
Average per well (17 wells)	\$ 1,174.45
Plugging and Reconstruction, Cumulative	Costs
FY 1980-81 through FY 1990-91**	\$865,650.02
FY 1991-92	\$308,887.74
Total through FY 1991-92	\$1,174,537.76
Average per well through FY 1991-92 (777 wells)	\$1,511.63

Note: FY = fiscal year.

* This total does not include \$22,391 expended during FY 1991-92 to complete two reconstruction jobs started in FY 1990-91.

** This total includes \$22,391 expended during FY 1991-92 to complete two reconstruction jobs started in FY 1990-91.

Source: Steele 1992

ABANDONED ARTESIAN WELLS: 1992

Table 5. Program support costs

Program Support	Costs
Support	\$122,363.70
Administrative (12% of support)	\$ 14,683.64
Total	\$137,047.34
Average per well (115 wells)	\$ 1,191.72
Program Support, Cumulative	Costs
FY 1980-81 through FY 1990-91	\$760,645.74
FY 1991-92	\$137,047.34
Total support through FY 1991-92	\$897,693.08
Average per well through 1991-92 (777 wells)	\$ 1,155.33

Note: FY = fiscal year.

Source: Steele 1992

GLOSSARY

Aquifer. A geologic formation, group of formations, or part of a formation that contains sufficient saturated permeable material to yield economic quantities of water to wells and springs. A reservoir of ground water. In SJRWMD, there are three major aquifers present: the Floridan, the intermediate, and the surficial.

Artesian Well. An artificial hole in the ground from which water supplies may be obtained and which penetrates any water-bearing rock. The water in the well is raised to the surface by natural flow or rises to an elevation above the top of the water-bearing bed.

Capping. Stopping the water of an artesian well from flowing at the surface using some mechanical device, such as valves, threaded caps, or plumber's test plugs.

Free-Flowing Well. An artesian well, with or without a mechanism for controlling discharge, that allows water to flow continuously at land surface or internally into other aquifers because of improper well construction or condition. Also called *wild flowing well*, *uncontrolled artesian well*, and *abandoned artesian well*.

Head. Water-level elevation in a well or elevation to which the water of a flowing artesian well will rise in a pipe extended high enough to stop the flow. See *potentiometric surface*.

Plugging. Stopping the flow of water in strata penetrated by a well so that water from one stratum will not escape into another or to the surface. This can be accomplished by completely filling a well from bottom to top with cement or partially filling the well by setting bridge plugs in specific key depths of the well.

Potentiometric Surface. The surface defined by the height to which water from an aquifer will rise in a tightly cased well. See *head*.

Tremie Pipe. Any relatively small-diameter pipe (less than 1½ in. inside diameter) lowered into a well to a specific depth into which a cement slurry is pumped for total or partial backfilling of the well.

REFERENCES

- Healy, H.G. 1978. *Appraisal of uncontrolled flowing artesian wells in Florida*. Water Resources Investigations 78-95. Washington, D.C.: U.S. Geological Survey.
- Hendry, C.W. Jr., and J.A. Lavender. 1959. *Final report on an inventory of flowing artesian wells in Florida*. Information Circular 21. Tallahassee, Fla.: Florida Geological Survey.
- Karassik, I.J., W.C. Krutzch, W.H. Fraser, and J.P. Messina, eds. 1986. *Pump Handbook*. New York: McGraw-Hill Book Company.
- Steele, C. 1992. *Annual report on abandoned artesian wells: 1991*. Technical Publication SJ92-5 Palatka, Fla.: St. Johns River Water Management District.

ABANDONED ARTESIAN WELLS: 1992

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Appendix A

CONTRACTUAL AND COOPERATIVE AGREEMENTS

RENEWAL OF MEMORANDUM OF UNDERSTANDING

THIS RENEWAL is made and entered into this 13th day of November 1991, by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (hereinafter the DISTRICT) and the STATE AGRICULTURAL STABLIZATION AND CONSERVATION COMMITTEE (hereinafter the COMMITTEE).

WHEREAS on January 10, 1990, the DISTRICT and the COMMITTEE entered into a Memorandum of Understanding (hereinafter MOU) to control abandoned artesian wells in the St. Johns River Water Management District; and

WHEREAS the parties agree to renew the terms and conditions of the MOU as provided in Paragraph 5 of said MOU.

NOW, THEREFORE, in consideration of the foregoing premises which are made part of this Renewal, and the mutual covenants, terms and conditions contained herein, and for other good and valuable consideration, the receipt of which is hereby acknowledged, the parties hereto, each intending to be legally bound, agree as follows:

- 1. The terms and conditions of the MOU dated January 10, 1990, entered into between the DISTRICT and the COMMITTEE are hereby renewed until September 30, 1992, at which time the DISTRICT and the COMMITTEE may elect to renew the terms of the MOU on an annual basis.

All other terms and conditions of the MOU are hereby ratified and remain in full effect.

STATE AGRICULTURAL STABLIZATION AND CONSERVATION COMMITTEE

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

By: [Signature], Chairman

By: [Signature]
Joe E. Hill, Chairman

Attest: [Signature]

Attest: [Signature]
Lenore N. McCullagh

(SEAL)

(SEAL)

LEGAL FORM APPROVED

[Signature]
John W. Williams
Senior Assistant General Counsel
Office of General Counsel
St. Johns River Water Management District

MEMORANDUM OF UNDERSTANDING BETWEEN
THE FLORIDA AGRICULTURAL STABILIZATION
AND CONSERVATION COMMITTEE AND THE
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

Whereas, the Florida State Agricultural Stabilization and Conservation Service, hereinafter State ASC Committee, or Committee, and the St. Johns River Water Management District, hereinafter District, have common objectives of helping to bring about the conservation, development, and wise use of land, water, and related resource; and

Whereas, the State ASC Committee, pursuant to Public Law 74-46 (16 U.S.C. 590d, 590g-590o, 590p(a), 590q), and the District, pursuant to Section 373.206, Florida Statutes, enter into this Memorandum of Understanding as the foundation for a continuing cooperative working arrangement to plug or reconstruct artesian wells within the geographical boundaries of the District and agree as follows:

A. The State ASC Committee will do the following:

1. Allocate funds to the County ASC Committees for counties within the District, hereinafter local County Committees, for the specific purpose of cost-sharing 75% of the total cost for plugging qualified applicant's wells within the limitations set forth in paragraph six below.

2. Provide guidance to the local County Committees for handling on a priority basis cost-sharing assistance to accelerate well plugging or reconstruction of artesian wells in the designated counties.

3. Inform and assist, through the local County Committees, agricultural producers of the availability of Agricultural Conservation Program (ACP) funds and technical assistance within the cost-share limitation as set forth in paragraph six below, encourage participation on a voluntary basis, and collect information from persons who wish to qualify for the program.

4. Arrange for the local County Committees to obtain executed form ASCA-36, Assignment of Payment (attached), from

participating agricultural producers and to reimburse or pay the District within sixty days after receipt of an invoice from the District for expenses incurred in completed plugging or reconstruction of designated artesian wells by licensed vendors.

5. Obtain and submit the executed permits of entry from the eligible participating agricultural producer authorizing the well plugging or reconstruction and furnish such other arrangements, as may be mutually agreed upon, to the District to aid in accelerating the plugging or reconstruction of wells.

6. Finance work done for an approved agricultural producer by or on behalf of the District in the amount of 75% of the amount invoiced or \$3,500.00, whichever is less, with no agricultural producer being eligible for more than three thousand five hundred dollars (\$3,500.00) per year;

B. The District will do the following:

1. Advise and encourage landowners that cost-share assistance to plug and reconstruct artesian wells is available through the local County Committees.

2. Prepare specifications and enter into contractual agreements with licensed vendors to plug wells, undertake the necessary geophysical logging tests on wells and to reconstruct wells approved for cost-sharing.

3. Designate the well or wells on the property of the qualified agricultural producers on the prioritization schedule that the District has for plugging and reconstructing artesian wells;

4. Provide the local County Committee with certification that each individual well on which payment is to be made has been plugged and the performed work meets the District requirements.

5. Fund twenty-five percent of the total cost of plugging wells approved by the local County Committees for cost-sharing assistance, provided, however, that the sum of funding to be provided by the District for the fiscal year in which this agreement is executed will not exceed that sum of money specified in Exhibit A attached to this Memorandum. For any subsequent

fiscal year in which this agreement is renewed, each party will notify the other of the maximum amount available for funding of this agreement for that year.

6. Send the local County Committee an invoice for 75% of the cost for the contractor and material used for work done for a participating agricultural producer within thirty (30) days of completion of the work. The materials will include cement, additives, casing, valves, plugs and other fittings necessary to properly plug or reconstruct the well(s).

C. It is further understood and agreed that:

1. State and local County ASC Committee personnel and facilities will be under the administrative jurisdiction of their Committee and District personnel and facilities will be under the administrative jurisdiction of the District.

2. State and local County ASC Committee and District personnel will meet jointly to discuss priorities involving cost-sharing and technical requirements essential to obtaining an effective program operation.

3. The Committees and District hereby agree that in any contract to have work performed pursuant to this Memorandum of Understanding that the contract will provide to indemnify and hold harmless the Committees and the District, their officers, employees, successors and assigns from any loss, claims, demands, payments, suits, judgments, cost of expense whatsoever, including, without limitation, claims of lien and claims for personal injury, death, or property damage resulting or arising in any way from the exercise of the rights and privileges granted herein or in the performance of the work.

4. The District agrees that the Agricultural Stabilization and Conservation Service (ASCS) will not be held liable for any actions which it undertakes in the furtherance of the provisions of this Memorandum of Understanding. In addition, the District agrees to reimburse and indemnify the ASCS for any liability the ASCS might incur in carrying out the provisions of the Memorandum of Understanding to the extent provided by law.

5. The term of this Memorandum shall begin on the date of execution hereof and end on the 30th day of September, 1990, at 2400 hours, provided, however, that the same may be renewed annually for the period beginning October 1st of any year and ending September 30th of the year following, subject to the availability of ACP and the District funds to continue the well plugging activities. The State ASC Committee or District may terminate this Memorandum of Understanding upon thirty days prior written notice to the other party. Upon such termination, the State ASC Committee will reimburse the District for 75% of the cost of all eligible vendor-contracted services reasonably and properly performed and incurred to the effective date of termination.

IN WITNESS WHEREOF, the parties hereto have executed this document to be effective on the 10th day of January, 1990.

FLORIDA STATE ASC COMMITTEE

By: [Signature]

CHAIRPERSON

Date: 11/13/89

ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT

By: [Signature]

SAUNDRA H. GRAY, CHAIRMAN

Date: 1/10/90

LEGAL FORM APPROVED

Nancy Barnard
Nancy Barnard, Staff Attorney
Office of Legal Services
St. Johns River Water Management District

FIRST AMENDMENT BETWEEN
THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
AND
BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS

THIS AMENDMENT made and entered into this 16th day of June, in the year 1992, by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT, (hereinafter called the DISTRICT) and the BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS, (hereinafter called the COUNTY).

WITNESSETH:

WHEREAS, the DISTRICT and the COUNTY entered into an Agreement, approved by the DISTRICT on September 25, 1991, for the purpose of a cooperative water resource conservation and protection program by controlling abandoned artesian wells in non-mosquito control areas in Brevard County; and

WHEREAS, the DISTRICT and the COUNTY desire to amend the Agreement as provided below.

NOW, THEREFORE, for and in consideration of the mutual covenants contained herein and for other good and valuable consideration, receipt of which is hereby acknowledged, the DISTRICT and the COUNTY hereby agree to the following:

1. WITNESSETH: Paragraph 8 - delete the entire paragraph.

2. ARTICLE III - RESPONSIBILITIES OF SJRWMD add the following after Paragraph F:

G. The SJRWMD shall obligate for the purposes of this Amendment an additional Ten Thousand Dollars (\$10,000.00) for the services of a licensed water-well contractor to control abandoned artesian wells in the mosquito control areas of Brevard County, Florida.

3. ARTICLE IV - RESPONSIBILITIES OF THE COUNTY add the following after Paragraph D:

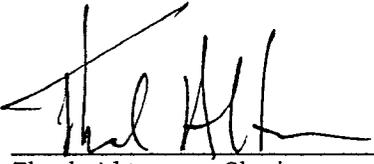
E. The COUNTY shall obligate for the purposes of this Amendment an additional Ten Thousand Dollars (\$10,000.00) to control abandoned artesian wells in the mosquito control areas of Brevard County, Florida. As described in Article III, upon receipt of quarterly invoices from the SJRWMD, the COUNTY shall pay the SJRWMD for the services and materials needed by a water well contractor to control said wells.

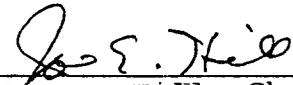
The DISTRICT and the COUNTY agree that all other terms and conditions of the existing Agreement are hereby ratified and continue in full force and effect.

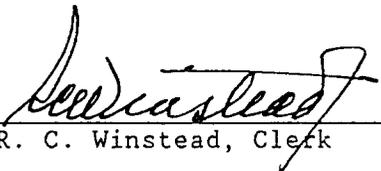
IN WITNESS WHEREOF, the parties hereto have duly executed this amendment on the date set forth above.

BREVARD COUNTY BOARD
OF COUNTY COMMISSIONERS

ST. JOHNS RIVER WATER MANAGEMENT
DISTRICT

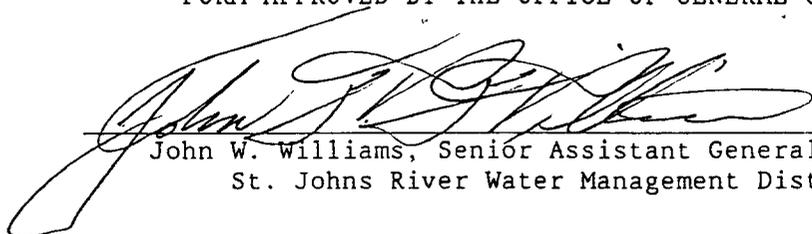
By: 
Thad Altman, Chairman

By: 
Joe E. Hill, Chairman

Attest: 
R. C. Winstead, Clerk
(SEAL)

Attest: 
(SEAL)

FORM APPROVED BY THE OFFICE OF GENERAL COUNSEL


John W. Williams, Senior Assistant General Counsel
St. Johns River Water Management District

AGREEMENT BETWEEN
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
AND
BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS
FOR THE CONTROLLING OF ABANDONED ARTESIAN WELLS
IN NON-MOSQUITO CONTROL AREAS
OF BREVARD COUNTY

THIS AGREEMENT is made and entered into this 21st day of January, 1992, by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (hereinafter SJRWMD), and the BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS (hereinafter the COUNTY).

WITNESSETH:

WHEREAS, the waters of the State are among its basic resources, and the Florida Legislature has declared its policy to promote the conservation, development, and proper utilization of surface and ground waters; and

WHEREAS, pursuant to Chapter 373, F.S., SJRWMD has been established to manage water resources within its geographical area; and

WHEREAS, pursuant to Section 373.207 (8)(a), F.S., the Florida Legislature has directed the Water Management Districts of the State to locate all known abandoned artesian wells, and to insure that each such well is controlled on or before January 1, 1992; and

WHEREAS, proper management of artesian wells is necessary to protect the public health, safety, and welfare, and to extend the life of ground water supplies; and

WHEREAS, the COUNTY is a public body organized under Chapter 582 F.S., and empowered to enter into an agreement with SJRWMD for the purpose of conserving and protecting water resources in BREVARD County; and

WHEREAS, the COUNTY has declared the waste of ground water because of abandoned artesian wells to be a serious concern; and

WHEREAS, the COUNTY and SJRWMD wish to participate in a cooperative water resource conservation and protection program; and

WHEREAS, the COUNTY and SJRWMD desire to jointly fund the costs incurred by a licensed water-well contractor in the controlling of abandoned artesian wells located in BREVARD County in a total amount of Fourty Thousand Dollars (\$40,000).

NOW, THEREFORE, in consideration of the foregoing premises which are made part of this Agreement, and the mutual covenants, terms and conditions contained herein, and for other good and valuable consideration, the receipt of which is hereby acknowledged, the parties hereto, each intending to be legally bound, agree as follows:

ARTICLE I. - SCOPE OF WORK

The Scope of Work for this Agreement includes all work related to locating abandoned artesian wells in the non-mosquito control areas of Brevard County, Florida, collecting and recording pertinent data on each well, and providing the services of a Licensed Water Well Contractor to properly control the wells.

ARTICLE II. - DURATION OF CONTRACT

This Agreement shall be effective upon the execution thereof and shall continue until September 30, 1992. SJRWMD and the COUNTY may elect to renew the terms of this Agreement on an annual basis.

ARTICLE III. RESPONSIBILITIES OF SJRWMD

- A. SJRWMD shall administer the provisions of this Agreement.
- B. SJRWMD shall obligate for the purposes of this Agreement up to a maximum of Twenty Thousand Dollars (\$20,000) for controlling abandoned artesian wells in the non-mosquito control areas of Brevard County, Florida.
- C. SJRWMD shall obtain the services of a qualified water-well contractor.
- D. SJRWMD shall invoice the COUNTY for payment of one half ($\frac{1}{2}$) of the amount expended pursuant to the Agreement with the selected contractor on a quarterly basis; and do such other things as are necessary to administer the contracts.
- E. Provide professional and technical support necessary to address all aspects of the work to water-well contractors who enter into an Agreement with SJRWMD to carry out the project in Brevard County.
- F. Perform water quality analyses for water samples taken by the COUNTY from identified wells.

ARTICLE IV. RESPONSIBILITIES OF THE COUNTY

- A. The COUNTY shall obligate for the purposes of this Agreement up to a maximum of Twenty Thousand Dollars (\$20,000) for the services of a licensed water-well contractor to control abandoned artesian wells in the non-mosquito control areas of Brevard County, Florida.
- B. The COUNTY shall pay SJRWMD up to Twenty Thousand Dollars (\$20,000) for services of a water well contractor and materials needed by the contractor, as described in Article III above, upon receipt of quarterly invoices from SJRWMD.
- C. The COUNTY shall be responsible for locating wells which are to be controlled and for completing and forwarding a Well-Header Form on each well to SJRWMD. The Well-Header Form shall be supplied by SJRWMD.
- D. The COUNTY shall be responsible for obtaining the written consent of the well owners to have their wells controlled by the Contractor.

ARTICLE V. INDEMNITY AND INSURANCE

- A. Each party is responsible for all personal injury and property damage attributable to the negligent acts or omissions of that party and the officers, employees and agents thereof.
- B. The parties further agree that nothing contained herein shall be construed or interpreted as denying to any party any remedy or defense available to such parties under the laws of the State of Florida; the consent of the State of Florida or its agents and agencies to be sued by reason hereon; nor as a waiver of sovereign immunity of the State of Florida beyond the waiver provided for in Section 768.28, F.S.
- C. Each party shall acquire and maintain throughout the term of this Agreement such liability and automobile insurance as required by their current rules and regulations.

ARTICLE VI. TERMINATIONS

- A. Termination for Default: This Agreement may be terminated either partially or as a whole, by either party, if the other party substantially fails to fulfill its obligations under this Agreement through no fault of the terminating party. No termination may be effected unless the other party is given: (1) at least ten (10) calendar days written notice delivered by certified mail, return receipt requested, and (2) an opportunity for consultation with the other party prior to termination.
- B. Termination for Convenience: This Agreement may be terminated either in part or as a whole by SJRWMD in writing provided that the COUNTY is given: (1) at least thirty (30) days written notice delivered by certified mail, return receipt requested, of intent to terminate, and (2) an opportunity for consultation with SJRWMD prior to termination.
- C. If Termination for Default is effected by SJRWMD, an equitable settlement of the amount of this Agreement shall be made, but (1) no amount shall be allowed for unperformed services, and (2) any payment due to the COUNTY at the time of actual termination shall be offset by costs incurred by SJRWMD because of the COUNTY'S default. If termination for SJRWMD's default is effected by the COUNTY, or if termination for convenience is effected by SJRWMD, SJRWMD shall pay for all services, materials, and costs reasonably incurred by the COUNTY prior to termination.
- D. If SJRWMD terminates the contract for Default because the COUNTY failed to fulfill contractual obligations and it is subsequently determined that the COUNTY had in fact substantially performed the requirements of the Agreement, the Termination will be deemed to have been for convenience. Compensation for completed portions of this contract will be made as provided in paragraph C, above.

ARTICLE VII. APPROVALS

SJRWMD's Project Manager shall be the Executive Director or his designee. The COUNTY's Project Manager shall be the Chairman of the Board of County Commissioners or his designee. All matters shall be coordinated with or directed to the project managers for action or disposition.

ARTICLE VIII. NOTICE

Any notice or other written communication between the parties shall be considered delivered when posted by United States Mail or delivered in person to the Project Managers.

ARTICLE IX. INTEREST

The COUNTY warrants to SJRWMD that no member, officer or employee of SJRWMD has any material interest (as defined in Section 112.312(1), F.S.), either directly or indirectly, in the business of the COUNTY to be conducted hereunder, and that so such person shall have any such interest at any time during the term hereof.

ARTICLE X. GOVERNING LAW

This Agreement shall be governed by and interpreted according to the laws of Florida.

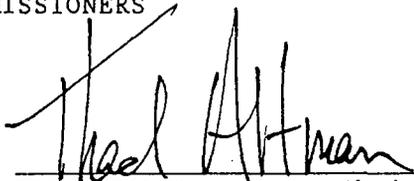
ARTICLE XI. ENTIRE AGREEMENT

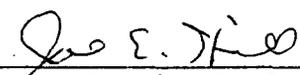
It is expressly understood and agreed that this Agreement constitutes the entire Agreement of the parties, and that the parties are not bound by any stipulations, representation, agreements, or promises, oral or otherwise, not printed or inserted in this Agreement. The COUNTY agrees that no representations have been made by SJRWMD in order to induce the COUNTY to enter into this Agreement, other than as expressly stated in this Agreement. This Agreement cannot be changed orally, nor by any means other than by written amendments expressly referencing this Agreement and signed by all parties.

IN WITNESS WHEREOF, the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT and the BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS have executed this Agreement on the day and year first above written.

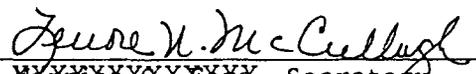
BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

By: 
THAD ALTMAN, Chairman

By: 
~~XXXXXXXXXXXX~~ Chairman
JOE E. HILL

Attest: 
R.C. WINSTEAD, JR., CLERK

Attest: 
~~XXXXXXXXXXXX~~ Secretary
LENORE N. MCCULLAGH

(SEAL)

(SEAL)

APPROVED AS TO FORM


John W. Williams, Senior Assistant General Counsel
SJRWMD

SECOND AMENDMENT TO AGREEMENT
BETWEEN THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
AND
THE INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS

THIS AMENDMENT is made and entered into this 1st day of
May 1992, by and between the GOVERNING BOARD of the ST. JOHNS
RIVER WATER MANAGEMENT DISTRICT (hereinafter the DISTRICT) and the BOARD OF
COUNTY COMMISSIONERS OF INDIAN RIVER COUNTY (hereinafter the COUNTY).

WITNESSETH

WHEREAS on October 3, 1989, the DISTRICT and the COUNTY entered into an Agreement to control abandoned artesian wells in Indian River County; said Agreement was amended March 26, 1990 and renewed October 15, 1991; and

WHEREAS the parties desire to amend the Agreement to increase the amount of funding allocated for the plugging of abandoned artesian wells in the COUNTY.

NOW, THEREFORE, in consideration of the foregoing premises which are made part of this Amendment, and the mutual covenants, terms and conditions contained herein, and for other good and valuable consideration, the receipt of which is hereby acknowledged, the parties hereto, each intending to be legally bound, agree as follows:

1. WITNESSETH: Paragraph 8 - delete the entire paragraph.
2. ARTICLE III - RESPONSIBILITIES OF THE DISTRICT - add the following after Paragraph F. :

G. The DISTRICT shall obligate for the purposes of this Agreement an additional Two Thousand Dollars (\$2,000.00) for the controlling of abandoned artesian wells in Indian River County, Florida.

3. ARTICLE IV - RESPONSIBILITIES OF THE COUNTY - add the following after Paragraph C:

D. The COUNTY shall obligate for the purposes of this Agreement an additional Two Thousand Dollars (\$2,000.00) for the controlling of abandoned artesian wells in Indian River County, Florida. As described in Article III, upon receipt of quarterly invoices from the DISTRICT, the COUNTY shall pay the DISTRICT for the services and materials needed by a water well contractor to control said wells.

The DISTRICT and the COUNTY agree that all other terms and conditions of the existing Agreement are hereby ratified and continue in full force and effect.

BOARD OF COUNTY COMMISSIONERS
OF INDIAN RIVER COUNTY

ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT

By: Carolyn K. Eggert
Carolyn K. Eggert, Chairman
Eggert

By: Henry Dean
Henry Dean, Executive Director

approved: 4-7-92
Attest: J.K. Barton
Clerk to the Board
J.K. Barton
(SEAL) by A. Waterhouse
D.C.

Attest: C. J. D...
(SEAL)

LEGAL FORM APPROVED

Wayne Thomas
for John W. Williams
Senior Assistant General Counsel
Office of General Counsel
SJRWMD

Indian River Co	Approved	Date
Admin.	BC	4-1-92
Legal	WGC	3-31-92
Budget	N/A	
Dept.	RMK	3/31/92
Risk Mgr.	N/A	

RENEWAL OF AGREEMENT

THIS RENEWAL is made and entered into this 15 day of October 1991, by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (hereinafter the DISTRICT) and the BOARD OF COUNTY COMMISSIONERS OF INDIAN RIVER COUNTY (hereinafter the COUNTY).

WITNESSETH

WHEREAS on October 3, 1989, the DISTRICT and the COUNTY entered into an Agreement to control abandoned artesian wells in Indian River County; and said Agreement was amended March 26, 1990, and renewed on September 18, 1990; and

WHEREAS the parties agree to renew the terms and conditions of the Agreement as amended as provided in Article II of said Agreement.

NOW, THEREFORE, in consideration of the foregoing premises which are made part of this Renewal, and the mutual covenants, terms and conditions contained herein, and for other good and valuable consideration, the receipt of which is hereby acknowledged, the parties hereto, each intending to be legally bound, agree as follows:

- 1. The terms and conditions of the Agreement dated October 3, 1989, as amended between the DISTRICT and the COUNTY is hereby renewed until September 30, 1992, at which time the DISTRICT and the COUNTY may elect to renew the terms of the Agreement on an annual basis.

All other terms and conditions of the Agreement are hereby ratified and remain in full effect.

BOARD OF COUNTY COMMISSIONERS OF INDIAN RIVER COUNTY

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

By: [Signature]
Richard N. Bird, Chairman

By: [Signature]
Sandra H. Gray, Chairman

Attest: [Signature]
Jeffrey K. Barton
Clerk of the Court
(SEAL) [Signature]

Attest: [Signature]
Merritt C. Fore, Secretary
(SEAL)

LEGAL FORM APPROVED

[Signature]
John W. Williams
Senior Assistant General Counsel
Office of General Counsel
SJRWMD

RENEWAL OF AGREEMENT

THIS RENEWAL is made and entered into this 18 day of September 1990, by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (hereinafter the DISTRICT) and the BOARD OF COUNTY COMMISSIONERS OF INDIAN RIVER COUNTY (hereinafter the COUNTY).

WITNESSETH:

WHEREAS on October 3, 1989, the DISTRICT and the COUNTY entered into an Agreement to control abandoned artesian wells in Indian River County; and said Agreement was amended February 14, 1990; and

WHEREAS the parties agree to renew the terms and conditions of the Agreement as provided in Article II of said Agreement.

NOW, THEREFORE, in consideration of the foregoing premises which are made part of this Renewal, and the mutual covenants, terms and conditions contained herein, and for other good and valuable consideration, the receipt of which is hereby acknowledged, the parties hereto, each intending to be legally bound, agree as follows:

1. The terms and conditions of the Agreement dated October 3, 1989, and the amendment dated February 14, 1990, entered into between the DISTRICT and the COUNTY are hereby renewed until September 30, 1991, at which time the DISTRICT and the COUNTY may elect to renew the terms of the Agreement on an annual basis.

All other terms and conditions of the Agreement are hereby ratified and remain in full effect.

BOARD OF COUNTY COMMISSIONERS
OF INDIAN RIVER COUNTY

ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT

By: George K. Egan
Chairman

By: Sandra H. Gray
Sandra H. Gray, Chairman

Attest: Jeffrey K. Barlow
Clerk to the Board
W. V. Hargreaves, D.C.

Attest: Alice J. Weinberg
Alice J. Weinberg, Secretary

(SEAL)

(SEAL)

LEGAL FORM APPROVED

John W. Williams
John W. Williams
Senior Assistant General Counsel
Office of General Counsel
SJRWM

Indian River Co	Approved	Date
Admin.	<u>PSC</u>	<u>9-4-90</u>
Legal	<u>[Signature]</u>	<u>8-29</u>
Budget	<u>[Signature]</u>	<u>9-1-90</u>
Utilities	<u>[Signature]</u>	<u>8-29-90</u>
Risk Mgr.		

AMENDMENT
TO THE AGREEMENT BETWEEN
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
AND
INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS
FOR THE CONTROLLING OF ABANDONED ARTESIAN WELLS
IN INDIAN RIVER COUNTY

THIS AMENDMENT is entered into this 26th day of March, 1990, by and between the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (hereinafter SJRWMD), and the INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS (hereinafter the COUNTY).

WHEREAS, SJRWMD and the COUNTY entered into an Agreement dated October 3, 1989, for the purpose of plugging abandoned artesian wells located in Indian River County; and

WHEREAS, the DISTRICT and the COUNTY desire to amend the Agreement to increase the amount of funding allocated for the plugging of abandoned artesian wells in the COUNTY.

NOW, THEREFORE, in consideration of the mutual covenants contained herein, and for other good and valuable consideration, SJRWMD and the COUNTY hereby agree as follows:

1. WITNESSETH: Paragraph 8 shall be amended as follows:

WHEREAS, the COUNTY and the DISTRICT desire to jointly fund the costs of plugging abandoned artesian wells located in Indian River County in a total amount of Sixty Thousand Dollars, (\$60,000), by each party hereto committing Thirty Thousand Dollars (\$30,000); and

2. ARTICLE III - RESPONSIBILITIES OF THE DISTRICT - Paragraph B is hereby amended as follows:

The DISTRICT shall obligate for the purposes of this Agreement up to a maximum of Thirty Thousand Dollars (\$30,000) for controlling abandoned artesian wells in Indian River County, Florida.

3. ARTICLE IV - RESPONSIBILITIES OF THE COUNTY -

Paragraphs A and B are hereby amended as follows:

A. The COUNTY shall obligate for the purposes of this Agreement up to a maximum of Thirty Thousand Dollars (\$30,000).

B. The COUNTY shall pay the DISTRICT up to Thirty Thousand Dollars (\$30,000) for services of a water well contractor and materials needed by the contractor to plug abandoned artesian wells as described in Article III above, upon receipt of quarterly invoices from the DISTRICT.

The DISTRICT and the COUNTY agree that all other terms and conditions of the existing Agreement are hereby ratified and continue in full force and effect.

IN WITNESS WHEREOF, the parties hereto have duly executed this amendment on the date set forth above.

INDIAN RIVER BOARD OF COUNTY COMMISSIONERS

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

By: Carolyn K. Eggert
Carolyn K. Eggert, Chairman

By: Saundra H. Gray
Saundra H. Gray, Chairman

Attest: Jeffrey K. Barton
Jeffrey K. Barton, by A. Waterhouse
Clerk of the Court D.C.

Attest: Alice J. Weinberg
Alice J. Weinberg, Secretary

(SEAL)
Approved: 3-13-90

(SEAL)

APPROVED AS TO FORM

John W. Williams
John W. Williams
SJRWMD Staff Attorney

Indian River Co	Approved	Date
Admin.		
Legal	WGC	3-6-90
Budget	(B)	3-6-90
Dept.	RMK	3/6/90
Risk Mgr.	KG	03/06/90
Utilities	TP/SEA	3/6/90

AGREEMENT BETWEEN
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
AND THE
INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS
FOR THE CONTROLLING OF ABANDONED ARTESIAN WELLS
IN INDIAN RIVER COUNTY

THIS AGREEMENT is made and entered into this 3rd day of October, 1989, by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT whose mailing address is P. O. Box 1429, Palatka, FL 32178-1429, (hereinafter the DISTRICT), and INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS whose mailing address is 1840 25th St., Vero Beach, Fla. 32960 (hereinafter the COUNTY).

WITNESSETH:

WHEREAS, the waters of the State are among its basic resources, and the Florida Legislature has declared its policy to promote the conservation, development, and proper utilization of surface and ground waters; and

WHEREAS, pursuant to Chapter 373, F.S., the DISTRICT has been established to manage water resources within its geographical area; and

WHEREAS, pursuant to Section 373.207 (8)(a), F.S., the Florida Legislature has directed the Water Management Districts of the State to locate all known abandoned artesian wells, and to insure that each such well is controlled on or before January 1, 1992; and

WHEREAS, proper management of artesian wells is necessary to protect the public health, safety, and welfare, and to extend the life of ground water supplies; and

WHEREAS, the COUNTY is a public body organized under Chapter 125, F.S., and empowered to enter into an agreement with the DISTRICT for the purpose of conserving and protecting water resources in Indian River County; and

WHEREAS, the COUNTY, based on information from its "208" program and other water resources investigations, has declared the waste of ground water by uncontrolled free-flowing wells to be a serious concern; and

WHEREAS, the COUNTY has requested the DISTRICT to participate in a cooperative water resource conservation and protection program; and

WHEREAS, the COUNTY and the DISTRICT desire to jointly fund the costs of plugging uncontrolled free-flowing wells located in Indian River County in a

total amount of Thirty Thousand Dollars (\$30,000), by each party hereto committing Fifteen Thousand Dollars (\$15,000); and

WHEREAS, the COUNTY and the DISTRICT intend to have the plugging of uncontrolled free-flowing wells performed by qualified independent contractors.

NOW, THEREFORE, in consideration of the foregoing premises which are made part of this Agreement, and the mutual covenants, terms and conditions contained herein, and for other good and valuable consideration, the receipt of which is hereby acknowledged, the parties hereto, each intending to be legally bound, agree as follows:

ARTICLE I. - SCOPE OF WORK

The Scope of Work for this Agreement includes all work related to locating abandoned artesian wells in Indian River County, Florida, collecting and recording pertinent data on each well, and providing the services of a licensed water well contractor to properly control the wells.

ARTICLE II. - DURATION OF CONTRACT

This Agreement shall be effective upon the execution thereof and shall continue until September 30, 1990. The DISTRICT and the COUNTY may elect to renew the terms of this Agreement on an annual basis.

ARTICLE III. RESPONSIBILITIES OF THE DISTRICT

- A. The DISTRICT shall administer the provisions of this Agreement.
- B. The DISTRICT shall obligate for the purposes of this Agreement up to a maximum of Fifteen Thousand Dollars (\$15,000) for controlling abandoned artesian wells in Indian River County, Florida (said funds are budgeted in Fiscal Year 1989-90 under Project 10-018-02).
- C. The DISTRICT shall obtain the services of a qualified water-well contractor through the following steps:
 - 1. develop general bid specifications for plugging abandoned artesian wells in conjunction with the COUNTY; and
 - 2. publish a notice of solicitation of bids in a newspaper of general circulation in Indian River County and other counties, as deemed necessary, as minimum written notice; and
 - 3. solicit bids, and select the lowest responsible bidder.

- D. The DISTRICT shall award a contract to the lowest qualified bidder, and administer the contract in the following general manner:
1. control the subcontracting of services by any contractor who is a party to the Agreement with the DISTRICT by requiring that no sub-contract can be entered into by contractor without prior DISTRICT approval; and
 2. notify the COUNTY upon execution of the Agreement with the selected contractor; and
 3. do such other things as are necessary to administer the contracts.
- E. Provide professional and technical support necessary to address all aspects of the work to water-well contractors who enter into an Agreement with the DISTRICT to carry out the project in Indian River County.
- F. Invoice the COUNTY on a quarterly basis for fifty percent (50%) of the cost of materials and labor, up to a maximum of Fifteen Thousand Dollars (\$15,000).

ARTICLE IV. RESPONSIBILITIES OF THE COUNTY

- A. The COUNTY shall obligate for the purposes of this Agreement up to a maximum of Fifteen Thousand Dollars (\$15,000).
- B. The COUNTY shall pay the DISTRICT up to Fifteen Thousand Dollars (\$15,000) for services of a water well contractor and materials needed by the contractor, as described in Article III above, upon receipt of quarterly invoices from the DISTRICT.
- C. The COUNTY shall also provide in-kind services to locate wells which are to be controlled, and to obtain the written consent of the property owners to have their wells controlled by the Contractor.

ARTICLE V. INDEMNITY AND INSURANCE

- A. Each party is responsible for all personal injury and property damage attributable to the negligent acts or omissions of that party and the officers, employees and agents thereof. The COUNTY shall not be responsible for personal injury or property damage attributable to the negligent acts or omissions of the contractor hired by the DISTRICT to perform the work pursuant to this agreement.
- B. The parties further agree that nothing contained herein shall be construed or interpreted as denying to any party any remedy or defense available to

such parties under the laws of the State of Florida; the consent of the State of Florida or its agents and agencies to be sued by reason hereon; nor as a waiver of sovereign immunity of the State of Florida beyond the waiver provided for in Section 768.28, F.S.

- C. Each party shall acquire and maintain throughout the term of this Agreement such liability and automobile insurance as required by their current rules and regulations. This shall include self-insurance programs.

ARTICLE VI. TERMINATIONS

This Agreement may be terminated either in part or as a whole by either party in writing provided that the other party is given: (1) at least thirty (30) days written notice delivered by certified mail, return receipt requested, of intent to terminate, and (2) an opportunity for consultation with the other party prior to termination.

ARTICLE VII. APPROVALS

The DISTRICT's Project Manager shall be the Executive Director or his designee. The COUNTY's Project Manager shall be the Chairman of the Board of County Commissioners or his designee. All matters shall be coordinated with or directed to the project managers for action or disposition.

ARTICLE VIII. NOTICE

Any notice or other written communication between the parties shall be considered delivered when posted by United States Mail or delivered in person to the Project Managers.

ARTICLE IX. GOVERNING LAW

This Agreement shall be governed by and interpreted according to the laws of Florida.

ARTICLE X. ENTIRE AGREEMENT

It is expressly understood and agreed that this Agreement constitutes the entire Agreement of the parties, and that the parties are not bound by any stipulations, representation, agreements, or promises, oral or otherwise, not printed or inserted in this Agreement. The COUNTY agrees that no representations have been made by the DISTRICT in order to induce the COUNTY to enter into this Agreement, other than as expressly stated in this Agreement.

This Agreement cannot be changed orally, nor by any means other than by written amendments expressly referencing this Agreement and signed by all parties.

IN WITNESS WHEREOF, the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT and the INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS have executed this Agreement on the day and year first above written.

INDIAN RIVER BOARD OF COUNTY COMMISSIONERS

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

By: *Harry C. Wheeler*

By: *J. L. Minton*
JOHN L. MINTON, CHAIRMAN

Attest: *Jeffrey K. Burton*
by a. waterhouse
D.C.
(SEAL)

Attest: *Alice J. Weinberg*
ALICE J. WEINBERG, SECRETARY
(SEAL)

APPROVED BY THE OFFICE OF LEGAL SERVICES

John W. Williams
JOHN W. WILLIAMS, SENIOR ATTORNEY
St. Johns River Water Management District

Indian River Co	Approved	Date
Admin.	<i>[Signature]</i>	10-2-54
Legal	<i>[Signature]</i>	9-28-54
Budget	<i>[Signature]</i>	9-20-54
Utilities	<i>[Signature]</i>	4-28-54
Risk Mgr.		

FIRST AMENDMENT TO AN AGREEMENT
BETWEEN
THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
AND
USDA FOREST SERVICE

THIS AMENDMENT is made and entered into this 10th day of October in the year 1991, by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT, (hereinafter called the DISTRICT) and USDA FOREST SERVICE, ATTN: STEVE FITCH, 227 N. BRONOUGH STREET, SUITE 4061, TALLAHASSEE, FL 32301 (hereinafter referred to as the "OWNER").

WITNESSETH:

WHEREAS, the DISTRICT and the OWNER entered into an Agreement on January, 12, 1991, for the purpose of bringing into compliance abandoned artesian wells located on the property of said OWNER; and

WHEREAS, the DISTRICT and the OWNER desire to amend the Agreement as provided below.

NOW, THEREFORE, for and in consideration of the mutual covenants contained herein and for other good and valuable consideration, receipt of which is hereby acknowledged the DISTRICT and the OWNER hereby agree to the following:

- 1. SECTION II - Paragraph (F) add the following:

Acknowledge that this Agreement expires September 30, 1992.

The DISTRICT and the OWNER agree that all other terms and conditions of the existing Agreement are hereby ratified and continue in full force and effect.

IN WITNESS WHEREOF, the parties hereto have duly executed this amendment on the date set forth above.

USDA FOREST SERVICE
PROPERTY OWNER

ST. JOHNS RIVER WATER MANAGEMENT
DISTRICT

By: Suzanne Buntrock
for Steve Fitch
Forest Supervisor

By: Sandra H. Gray
Saundra H. Gray, Chairman

Attest: Charlotte Muse

Attest: Merritt C. Fore
Merritt C. Fore, Secretary

(SEAL)

(SEAL)

FORM APPROVED BY THE OFFICE OF GENERAL COUNSEL

John W. Williams
John W. Williams, Senior Assistant General Counsel

AGREEMENT BETWEEN

THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

AND

USDA FOREST SERVICE

THIS AGREEMENT is made and entered into this 12th day of January, 1991, by and between the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT, a public body created pursuant to Chapter 373, F.S. (HEREINAFTER REFERRED TO AS THE "DISTRICT"), and USDA FOREST SERVICE, ATTN: STEVE FITCH, 227 N. BRONOUGH STREET, SUITE 4061, TALLAHASSEE, FL 32301 (HEREINAFTER REFERRED TO AS THE "OWNER").

WITNESSETH

WHEREAS, the waters of the State of Florida are among its basic resources and it has been declared to be the policy of the Legislature to promote the conservation, development, and proper utilization of surface and ground water; and

WHEREAS, pursuant to Chapter 373, Florida Statutes, the DISTRICT has been established to manage water resources within its geographical area; and

WHEREAS, pursuant to Section 373.207(8)(a), Florida Statutes, the Legislature has directed the water management districts of the state to locate all known abandoned artesian wells and insure that each such well is plugged on or before January 1, 1992; and

WHEREAS, proper management of artesian wells is necessary to protect the public health, safety and welfare and to extend the life of the ground water supplies; and

WHEREAS, abandoned artesian wells are located on the property of the OWNER; and

WHEREAS, the OWNER and the DISTRICT desire and intend to bring into compliance the aforementioned abandoned artesian wells by utilizing DISTRICT staff and equipment and/or by obtaining the services of qualified independent contractors.

NOW, THEREFORE, for and in consideration of the foregoing premises, which are part of the consideration herein, the parties hereto do mutually agree as follows:

I. The DISTRICT shall:

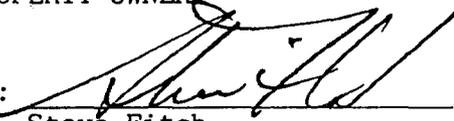
- A. Undertake the plugging or reconstruction of the subject wells as mutually agreed upon by both parties;
- B. As necessary, enter into a contract with a licensed water well contractor and administer the contract;
- C. Provide the professional and technical support necessary to properly address all aspects of the Agreement;
- D. Provide a report to the OWNER regarding the progress and completion of plugging the subject wells;

- E. Obligate for the purposes of this agreement monies to cover the difference between the OWNER's contribution and the total cost, to complete the plugging or reconstruction of the wells. The DISTRICT's obligation will be a minimum of 50% or a maximum of total cost minus six hundred dollars (\$600.00) for materials, site work and contractual services, per well.
- F. Pay the independent water well contractor (when applicable) for work performed and invoice the OWNER for his cost share.

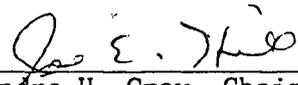
II. The OWNER shall:

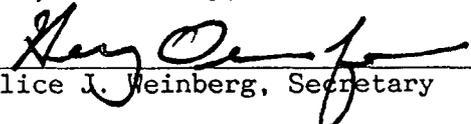
- A. Grant to the DISTRICT the right to plug the wells located on the OWNER's property.
- B. Grant to the DISTRICT reasonable ingress and egress for access to and from the wells site and the right to transport, place and remove construction equipment and vehicles used in connection with the plugging of the subject wells.
- C. Provide for the purposes of the Agreement, monies to cover 50% of costs for all materials, site work and independent contractual services, in an amount not to exceed six hundred dollars (\$600.00) per well for materials and services described above. The OWNER shall further have the option to pay all or part of his share through the provision of in-kind services and/or materials as approved by the DISTRICT's Project Manager. The type and value of these services and materials will be mutually agreed to in writing prior to commencement of work.
- D. Pay to the DISTRICT, within 30 days of receipt of invoice, up to a maximum of six hundred dollars (\$600.00) for materials and services described above.
- E. Defend, indemnify, save and hold harmless, the DISTRICT, its officers, agents, servants and employees, from suits, costs, claims, judgements for injury or damages to which the DISTRICT, or any of its officers, agents or servants, may be subjected by reason of injury to the OWNER(S) resulting from the performance of the repairing/plugging of wells or the omissions of the DISTRICT, its agents, servants, employees, and contractor or subcontractor, suppliers, materialmen or their employees.
- F. Acknowledge that this Agreement expires September 30, 1991.

USDA FOREST SERVICE
PROPERTY OWNER

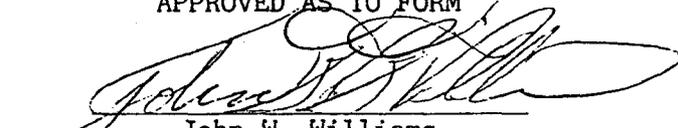
By: 
Steve Fitch
Forest Supervisor

ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT

By: 
Sandra H. Gray, Chairman

Attest: 
Alice J. Weinberg, Secretary

APPROVED AS TO FORM


John W. Williams
Assistant Senior General Counsel

SECOND AMENDMENT TO THE AGREEMENT BETWEEN
THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
AND O. E. SMITH'S SONS, INC.

THIS AMENDMENT is entered into this 9th day of September 1992,
by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT
DISTRICT (hereinafter the DISTRICT) and O. E. SMITH'S SONS, INC., 11749 U.
S. 1 North, Jacksonville, FL 32219, (hereinafter called the CONTRACTOR).

WITNESSETH:

WHEREAS, the DISTRICT and the CONTRACTOR entered into an Agreement on
December 21, 1990, for the pupose of plugging or repairing abandoned,
uncontrolled, and free-flowing wells within the St. Johns River Water
Management District; and

WHEREAS, the DISTRICT and the CONTRACTOR desire to amend the
Agreement as provided below.

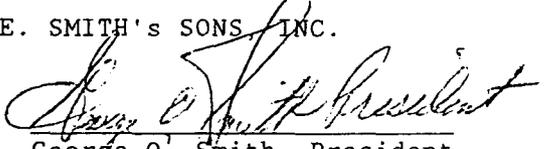
NOW, THEREFORE, for and in consideration of the mutual covenants
contained herein and for other good and valuable consideration, receipt of
which is hereby acknowledged, the DISTRICT and the CONTRACTOR hereby agree to
the following amendments:

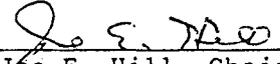
- 1. Add: ARTICLE VI - COMPENSATION - Paragraph "A" - add the
following:

For satisfactory performance of the tasks outlined in the
original Technical Specifications, the DISTRICT agrees to pay the CONTRACTOR,
according to the unit prices of the original Base Bid, an amount not to exceed
\$66,500.00 (Sixty Six Thousand Five Hundred Dollars). The total amount of
funding under the terms of this agreement is \$566,500.00 (Five Hundred Sixty-
Six Thousand Five Hundred Dollars).

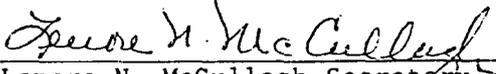
The DISTRICT and the CONTRACTOR agree that all other terms and
conditions of the existing Agreement are hereby ratified and continue in full
force and effect.

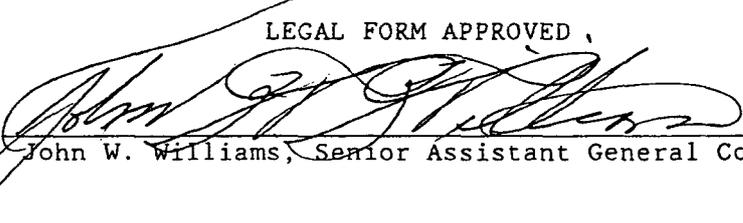
IN WITNESS WHEREOF, the parties hereto have duly executed this
amendment on the date set forth above.

O. E. SMITH'S SONS, INC.
By: 
George O. Smith, President

ST. JOHNS RIVER WATER
WATER MANAGEMENT DISTRICT
By: 
Joe E. Hill, Chairman

Attest:

Attest:

Lenore N. McCullagh, Secretary

LEGAL FORM APPROVED,

John W. Williams, Senior Assistant General Counsel

FIRST AMENDMENT
TO THE AGREEMENT BETWEEN
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
AND
O. E. SMITH'S SONS, INC.
TO PLUG ABANDONED, UNCONTROLLED, AND FREE-FLOWING WELLS

THIS AMENDMENT is entered into this 25th day of September
10, 1991, by and between the ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT (hereinafter DISTRICT), and O. E. SMITH'S SONS, INC.
11749 U. S. 1 North, Jacksonville, FL 32219 (hereinafter the CONTRACTOR).

WHEREAS, DISTRICT and the COUNTY entered into an Agreement dated
December 21, 1990, for the purpose of plugging or repairing of abandoned,
uncontrolled, and free-flowing wells within the St. Johns River Water
Management District; and

WHEREAS, the DISTRICT and the CONTRACTOR desire to extend the Agreement
and increase the amount of funding.

NOW, THEREFORE, in consideration of the mutual covenants contained
herein, and for other good and valuable consideration, DISTRICT and the
CONTRACTOR hereby agree as follows:

1. ARTICLE V - SCHEDULE OF WORK - Add the following:

The CONTRACTOR shall complete the work as set forth in the Technical
Specifications by September 30, 1992.

2. ARTICLE VI - COMPENSATION - Paragraph A - Add the following:

For satisfactory performance of the tasks outlined in the original Technical Specifications, the DISTRICT agrees to pay the CONTRACTOR, according to the unit prices of the original Base Bid, in an amount not to exceed Two Hundred Eighty Thousand Dollars (\$280,000). This compensation shall be allocated only for work beginning October 1, 1991 through the term of this Agreement.

All funding from the prior Agreement shall be unencumbered.

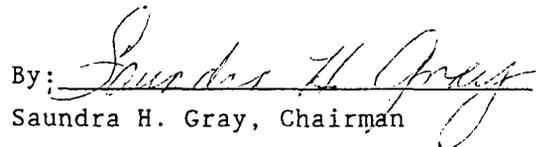
The DISTRICT and the CONTRACTOR agree that all other terms and conditions of the existing Agreement are hereby ratified and continue in full force and effect.

IN WITNESS WHEREOF, the parties hereto have duly executed this amendment on the date set forth above.

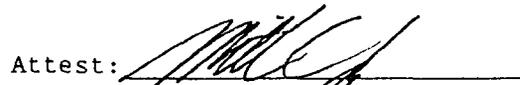
O. E. SMITH'S SONS, INC.

ST. JOHNS RIVER WATER MANAGEMENT
DISTRICT

By: 
George O. Smith, President

By: 
Sandra H. Gray, Chairman

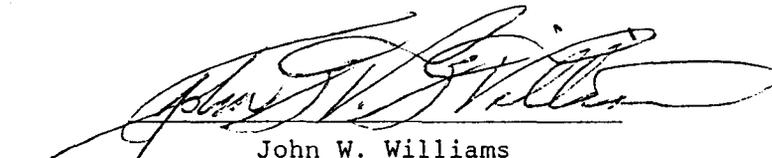
Attest: 
Helen Beck, Secretary

Attest: 
Merritt C. Fore, Secretary

(SEAL)

(SEAL)

APPROVED AS TO FORM


John W. Williams
Senior Assistant General Counsel

AGREEMENT BETWEEN
THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
AND O. E. SMITH'S SONS, INC.
TO PLUG ABANDONED, UNCONTROLLED AND FREE-FLOWING WELLS

THIS AGREEMENT is made and entered into this 21ST day of December, 1990, by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT, (hereinafter the DISTRICT), and O. E. SMITH'S SONS, INC., 11749 U. S. 1 North, Jacksonville, FL 32219 (hereinafter the CONTRACTOR).

WITNESSETH:

THAT, in consideration of the premises which are made part of this Agreement and the mutual covenants, terms and conditions contained herein, CONTRACTOR hereby agrees to do and perform all work and labor required to plug abandoned, uncontrolled, and free-flowing wells in the St. Johns River Water Management District, and to complete the work in entire conformity with the Specifications and other Contract Documents as defined herein and on file at the DISTRICT, which are duly approved and hereby made part of this Agreement as fully and with the same effect as if they had been set forth at length in the body of this Agreement.

The Contract Documents consist of the following items, including all modifications thereof incorporated in the Documents before their execution. These form the Contract: Advertisement for Bids; Instructions to Bidders; Bid Form; Agreement; Performance Bond; General Conditions; Special Conditions; and Technical Specifications.

ARTICLE I - THE PROJECT

The CONTRACTOR shall plug or repair abandoned, uncontrolled, and free-flowing wells in the St. Johns River Water Management District, as described in Section 7 - Technical Specifications, attached hereto and by reference made a part hereof.

ARTICLE II - RESPONSIBILITIES OF THE CONTRACTOR

A. The CONTRACTOR shall begin the project as described in Section 7 - Technical Specifications, upon receipt of a written Notice to Proceed from the DISTRICT, on the basis of a series of Work Orders issued throughout the term of this Agreement.

B. The CONTRACTOR is responsible for the professional quality, technical accuracy, and timely completion of the work to be done pursuant to this agreement as well as any reports to be submitted in connection herewith.

C. To the extent allowed by law, the CONTRACTOR shall remain liable for all damages to or incurred by the DISTRICT caused by the CONTRACTOR'S negligent performance of any of the services furnished under this agreement except to the extent attributable to the DISTRICT.

D. The CONTRACTOR represents that it is an independent contractor and not an employee of the DISTRICT, nor are any of CONTRACTOR's employees performing services in furtherance of this Agreement to be considered to be employees of the DISTRICT.

E. The CONTRACTOR shall maintain current his Florida Water-Well Contractor License throughout the life of this agreement.

F. The CONTRACTOR shall make available and maintain in good operating condition all equipment listed in the Bid Schedule and necessary for the successful completion of the work. Failure to provide adequate equipment will result in the termination of this agreement.

G. Work may be performed under the terms of this Agreement outside the Scope of Work. Such work, if requested by the DISTRICT, shall be negotiated on a case by case basis.

ARTICLE III - RESPONSIBILITIES OF THE DISTRICT

A. Prior to the CONTRACTOR'S commencement of work, the DISTRICT shall provide and transmit to the CONTRACTOR a written Notice to Proceed.

B. DISTRICT shall transmit to CONTRACTOR detailed Work Orders for each well or group of wells to be plugged or repaired.

C. As is further specified in this Agreement, the DISTRICT shall provide timely reviews of any and all invoices and reports related to this Agreement submitted by the CONTRACTOR.

D. The DISTRICT shall pay the CONTRACTOR in accordance with the provisions of Section VI of this Agreement.

E. The DISTRICT shall be available to the CONTRACTOR to respond to questions regarding the project.

F. The DISTRICT reserves the right to terminate this Agreement according to Section 5, Article 12, General Conditions; should the CONTRACTOR fail to perform the Work according to the Contract Documents.

ARTICLE IV - REPORTS REQUIRED

Contractor Daily Summary Sheets: At the end of each workday, the Contractor and the DISTRICT representative shall sign a Daily Summary sheet to attest to the amount of drilling time earned and any materials used. Well Construction Completion Reports as described in FAC 40C -3, shall also be submitted by the Contractor for all wells.

ARTICLE V - SCHEDULE OF WORK

The CONTRACTOR shall complete the work as set forth in the Technical Specifications by September 30, 1991, according to the Work Orders as issued by the Project Manager. Time is of the essence of this Agreement.

ARTICLE VI - COMPENSATION

A. Payment for Services: For satisfactory performance of the tasks outlined herein, the DISTRICT agrees to pay the CONTRACTOR, according to the unit prices of the Base Bid in an amount not to exceed two hundred twenty thousand dollars

(\$220,000.00). Payment for all other work associated with this project shall be made only upon receipt of paid invoices and acceptance of same by the Project Manager.

B. Invoicing Procedure: CONTRACTOR shall submit an invoice at the conclusion of each Work Order to the Director of Finance and Accounting, P. O. Box 1429, Palatka, FL 32178-1429. The invoices should correlate with each Work Order issued by the DISTRICT and the daily summary sheets.

C. Payment Procedure: The DISTRICT shall pay the CONTRACTOR ninety percent (90%) of each invoice presented by CONTRACTOR within thirty (30) days of presentation. The DISTRICT shall retain ten percent (10%) of each invoice amount until the conclusion of the agreement. Payments due and unpaid under this Agreement shall not bear interest.

D. Release: CONTRACTOR agrees that acceptance of the final payment shall be considered as a release in full of all claims against the DISTRICT or any of its members, agents, and employees, arising out of, or by reason of, the work done and materials furnished under this Agreement.

ARTICLE VII - INDEMNITY AND INSURANCE

The CONTRACTOR agrees to make payment of all proper charges for labor and materials required in the aforementioned work, and to defend, indemnify, save and hold harmless the DISTRICT and all of its officers, agents, employees and servants, and each and every one of them, against and from all damages to which the DISTRICT or any of their officers, agents, employees or servants may be put, by reason of injury to the persons or property of others resulting from the performance of said Work, or through the negligence of the CONTRACTOR, or through any improper or defective machinery, implements or appliances used by the CONTRACTOR in the aforesaid Work or through any act or omission on the part of the CONTRACTOR, his agents, employees, servants or any other person or entity for whom the CONTRACTOR is responsible.

If the CONTRACTOR shall fail to comply with any of the terms, conditions, provisions, or stipulations of this agreement, according to the true intent and meaning thereof, then the DISTRICT may avail himself of any or all remedies provided in the agreement and shall have the right and power to proceed in accordance with the provisions thereof.

It is also agreed and understood that the acceptance of final payment by the CONTRACTOR shall be considered as a release in full of all claims against the DISTRICT or any of its members, agents and employees arising out of, or by reason of, the work done and materials furnished under this agreement.

The CONTRACTOR also agrees to acquire and maintain all insurance required under Article 15 of the General Conditions.

ARTICLE VIII - INTEREST OF CONTRACTOR

CONTRACTOR warrants to the DISTRICT that no member, officer or employee of the DISTRICT has any material interest (as defined in Section 112.312(1), Florida Statutes), either directly or indirectly, in the business of the CONTRACTOR to be conducted hereunder, and that no such person shall have any such interest at any time during the term hereof.

ARTICLE IX - GOVERNING LAW

The conditions and terms of this Agreement shall be governed by the Laws of Florida.

IN WITNESS WHEREOF, the said ST. JOHNS RIVER WATER MANAGEMENT DISTRICT has caused this Agreement to be executed in its name by its Chairman, attested by its Secretary, and has caused its seal to be hereto attached; and the CONTRACTOR has caused this Agreement to be executed in its name by its duly authorized representatives, and, if appropriate, has caused the seal of the corporation to be hereunto attached, all on the day and year first above written.

O. E. SMITH'S SONS, INC.

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

By: George O. Smith
George O. Smith, President

By: Saundra H. Gray
Saundra H. Gray, Chairman

Attest: Holome Beck
Secretary

Attest: Alice G. Weinberg
Alice G. Weinberg, Secretary

(CORPORATE SEAL)

(SEAL)

APPROVED AS TO FORM

John W. Williams
John W. Williams
Senior Assistant General Counsel
SJRWD

SECTION 7 - TECHNICAL SPECIFICATIONS

TS-01 DESCRIPTION OF WORK

The work is located in three primary work areas within the DISTRICT. The work areas consist of all or portions of the following counties located within the DISTRICT:

WORK AREA I: Indian River, Brevard, Okeechobee and Osceola counties

WORK AREA II: Seminole County, Lake, Orange and Polk counties

WORK AREA III: Volusia, Orange, Flagler, Putnam, St. Johns, Duval, Nassau, Marion, Baker, Alachua and Clay counties.

A map showing the boundaries of the DISTRICT and of the work areas is included in the Appendix.

The work includes, but may not be limited to, the following:

1. Removing fittings from the well head or excavating the well head to gain vertical access to the well
2. Clearing any obstructions from the wells
3. Grouting the wells by one of, or combination of, the methods listed in the "Methods" section of these specifications
4. Removing all materials and trash from the sites
5. Restoring the sites to original condition
6. Repairing wells by installing valves on the wellhead, backfilling wells, or installing and cementing new casing in the well.

TS-02 METHOD OF PLUGGING

1. Plugging - The wells shall be plugged by backfilling with a cement slurry from the bottom of the well to land surface. The cement slurry shall be mixed according to the materials specifications and pumped through tremie pipe set at the bottom of the well or previous stage of cement. The volume of slurry to be pumped in each stage will be determined at each site. The CONTRACTOR shall have a mixing tank and pump capable of handling a minimum of 500 gallons of cement slurry.
2. Bridge Plugs - In some cases, it may be necessary to install a plug to bridge certain areas in the wells. These plugs shall be used to prevent the loss of cement to the formations. Generally, after a bridge plug has been installed, the backfilling method will be used to complete the plugging operation. The actual length of the plug will vary from well to well.
3. Well Repair/Rehabilitation - In some cases, wells may be backfilled to seal off certain flow zones, and liner casing installed to reconstruct the well. In this case, the DISTRICT may elect to supply all casings, plugs, cement baskets, gravel or any other material that is above and beyond what is

required for normal plugging operation. The District reserves the right to direct that the well be backfilled with sand/gravel.

4. Optional Plugging Method - Contractors are encouraged to submit alternate plugging procedures. The alternate procedure, if submitted, must describe the method to be employed, and include cost for all materials and labor. Alternate procedures to plug wells and their costs should be attached to, but separate from, the formal bid documents. The DISTRICT may, entirely at its own discretion, elect to accept any alternative plugging procedure it considers to be in its best interest and consistent with the overall objectives of the program.

TS-03 MATERIALS

All cement, bentonite, and additives shall be furnished by the CONTRACTOR, at the price specified in the Bid for Materials in the Bid Schedule unless District elects otherwise in writing.

The cement shall be new Type I or Type II Portland, and the bentonite, or a specified liquid equivalent, shall be used as a thickening agent. The slurry shall be a mixture of 6-7 gallons of water to one 94 lb. sack of Portland cement and 3-5 lbs. of bentonite.

The DISTRICT may elect to request the CONTRACTOR to furnish valves, casings, or other fittings as needed to repair wells. These items shall be authorized through and included on the Daily Summary sheets with the prices listed.

RENEWAL OF AGREEMENT

THIS RENEWAL of Agreement is made and entered into this 27th day of February 1992, by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (hereinafter the DISTRICT) and the CITY OF JACKSONVILLE (hereinafter the CITY).

WITNESSETH:

WHEREAS on August 15, 1991, the DISTRICT and the CITY entered into an Agreement to control abandoned artesian wells in Duval County; and

WHEREAS the parties agree to renew the terms and conditions of the Agreement as provided in Article II of said Agreement.

NOW, THEREFORE, in consideration of the foregoing premises which are made part of this Renewal, and the mutual covenants, terms and conditions contained herein, and for other good and valuable consideration, the receipt of which is hereby acknowledged, the parties hereto, each intending to be legally bound, agree as follows:

1. The terms and conditions of the Agreement dated August 15, 1991, and entered into between the DISTRICT and the CITY are hereby renewed until September 30, 1992, at which time the DISTRICT and the CITY may elect to renew the terms of the Agreement on an annual basis.

All other terms and conditions of the Agreement are hereby ratified and remain in full effect.

CITY OF JACKSONVILLE

ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT

By: [Signature]
Ed Austin, Mayor

By: [Signature]
HENRY DEAN, EXECUTIVE DIRECTOR

Attest: [Signature]
Assistant Counsel
Corporation Secretary

Attest: [Signature]

(SEAL)

(SEAL)

By: _____

LEGAL FORM APPROVED

By: _____

[Signature]
John W. Williams
Senior Assistant General Counsel

In compliance with the Ordinance Code of the City of Jacksonville, I do certify that there will be an unexpended, unencumbered and unimpounded balance in the appropriation sufficient to cover the foregoing contract and provision has been made for the payment of the moneys provided therein to be paid.

Richard Cohen
Director of Administration and Finance
5726-5

[Handwritten initials]

Form approved:

Linnie C. Williams
Assistant Counsel

**AGREEMENT BETWEEN
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
AND THE
CITY OF JACKSONVILLE
FOR THE CONTROLLING OF ABANDONED ARTESIAN WELLS**

THIS AGREEMENT is made and entered into this 15th day of August, 1991, by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT whose mailing address is P. O. Box 1429, Palatka, FL 32178-1429, (hereinafter the DISTRICT), and CITY OF JACKSONVILLE, Duval County, whose mailing address is 1300 City Hall, Jacksonville, FL 32202-3494 (hereinafter the CITY).

WITNESSETH:

WHEREAS, the waters of the State are among its basic resources, and the Florida Legislature has declared its policy to promote the conservation, development, and proper utilization of surface and ground waters; and

WHEREAS, pursuant to Chapter 373, F.S., the DISTRICT has been established to manage water resources within its geographical area; and

WHEREAS, pursuant to Section 373.207 (8)(a), F.S., the Florida Legislature has directed the Water Management Districts of the State to locate all known abandoned artesian wells, and to insure that each such well is controlled on or before January 1, 1992; and

WHEREAS, proper management of artesian wells is necessary to protect the public health, safety, and welfare, and to extend the life of ground water supplies; and

WHEREAS, the CITY is a public body organized under Chapter 125, F.S., and empowered to enter into an agreement with the DISTRICT for the purpose of conserving and protecting water resources in Duval County; and

WHEREAS, the CITY has declared the waste of ground water by uncontrolled free-flowing wells to be a serious concern; and

WHEREAS, the CITY has requested the DISTRICT to participate in a cooperative water resource conservation and protection program; and

WHEREAS, the CITY and the DISTRICT desire to jointly fund the costs of plugging uncontrolled free-flowing wells located in Duval County in a total amount of Twenty Thousand Dollars (\$20,000), by each party hereto committing Ten Thousand Dollars (\$10,000); and

WHEREAS, the CITY and the DISTRICT intend to have the plugging of uncontrolled free-flowing wells performed by qualified independent contractors.

NOW, THEREFORE, in consideration of the foregoing premises which are made part of this Agreement, and the mutual covenants, terms and conditions contained herein, and for other good and valuable consideration, the receipt of which is hereby acknowledged, the parties hereto, each intending to be legally bound, agree as follows:

ARTICLE I. - SCOPE OF WORK

The Scope of Work for this Agreement includes all work related to locating abandoned artesian wells in Duval County, Florida, collecting and recording pertinent data on each well, and providing the services of a licensed water well contractor to properly control the wells.

ARTICLE II. - DURATION OF CONTRACT

This Agreement shall be effective upon the execution thereof and shall continue until September 30, 1991. The DISTRICT and the CITY may elect to renew or extend the terms and conditions of this Agreement.

ARTICLE III. RESPONSIBILITIES OF THE DISTRICT

THE DISTRICT SHALL:

- A. Administer the provisions of this Agreement.
- B. Obligate for the purposes of this Agreement up to a maximum of Ten Thousand Dollars (\$10,000) for controlling abandoned artesian wells in Duval County, Florida.

- C. Provide professional and technical support necessary to carry out the project.
- D. Credit the CITY's funds on account with the DISTRICT for the plugging or repairing of wells, as work is accomplished under this Agreement.
- E. Upon request, provide progress reports detailing the methods and procedures used in plugging said wells.
- F. Return all unexpended funds to the CITY within 30 days of termination of this Agreement; however unexpended funds, including funds from an Agreement between the CITY and DISTRICT dated June 6, 1990, may be retained by the DISTRICT as provided in Article IV, paragraph C, to continue plugging wells in the CITY if the Agreement is renewed or extended.

ARTICLE IV. RESPONSIBILITIES OF THE CITY

THE CITY SHALL:

- A. Obligate for the purposes of this Agreement up to a maximum of Ten Thousand Dollars (\$10,000).
- B. Pay the DISTRICT Ten Thousand Dollars (\$10,000) for services of a water well contractor and materials needed by the contractor, as described in Article III above.
- C. Within thirty (30) days of full execution of this Agreement and prior to the commencement of any work, the CITY shall forward to the DISTRICT, the full amount of Ten Thousand Dollars (\$10,000). If this Agreement is renewed or extended, within thirty (30) days of the effective date of the renewal or extension, the CITY shall forward to the DISTRICT the difference between the amount specified in this Agreement as the CITY'S contribution to the program, and any funds retained by the DISTRICT under Article III, paragraph F.

ARTICLE V. INDEMNITY AND INSURANCE

- A. Each party is responsible for all personal injury and property damage attributable to the negligent acts or omissions of that party and the officers, employees and agents thereof. The CITY shall not be responsible for personal injury or property damage attributable to the negligent acts or omissions of the contractor hired by the DISTRICT to perform the work pursuant to this agreement.

- B. The parties further agree that nothing contained herein shall be construed or interpreted as denying to any party any remedy or defense available to such parties under the laws of the State of Florida; the consent of the State of Florida or its agents and agencies to be sued by reason hereon; nor as a waiver of sovereign immunity of the State of Florida beyond the waiver provided for in Section 768.28, F.S.
- C. Each party shall acquire and maintain throughout the term of this Agreement such liability and automobile insurance as required by their current rules and regulations. This shall include self-insurance programs.

ARTICLE VI. TERMINATIONS

This Agreement may be terminated either in part or as a whole by either party in writing provided that the other party is given: (1) at least thirty (30) days written notice delivered by certified mail, return receipt requested, of intent to terminate, and (2) an opportunity for consultation with the other party prior to termination.

ARTICLE VII. APPROVALS

The DISTRICT's Project Manager shall be the Executive Director or his designee. The CITY's Project Manager shall be Gary Weise or his designee. All matters shall be coordinated with or directed to the project managers for action or disposition.

ARTICLE VIII. NOTICE

Any notice or other written communication between the parties shall be considered delivered when posted by United States Mail or delivered in person to the Project Managers.

ARTICLE IX. GOVERNING LAW

This Agreement shall be governed by and interpreted according to the laws of Florida.

ARTICLE X. ENTIRE AGREEMENT

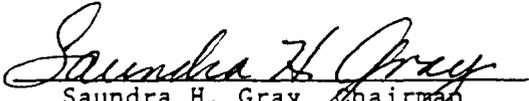
It is expressly understood and agreed that this Agreement constitutes the entire Agreement of the parties, and that the parties are not bound by any stipulations, representation, agreements, or promises, oral or otherwise, not printed or inserted in this Agreement. The CITY agrees that no representations have been made by the DISTRICT in order to induce the CITY to enter into this Agreement, other than as expressly stated in this Agreement. This Agreement cannot be changed orally, nor by any means other than by written amendments expressly referencing this Agreement and signed by all parties.

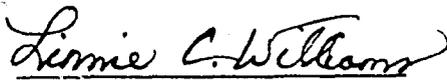
IN WITNESS WHEREOF, the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT and the CITY OF JACKSONVILLE have executed this Agreement on the day and year first above written.

CITY OF JACKSONVILLE

ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT

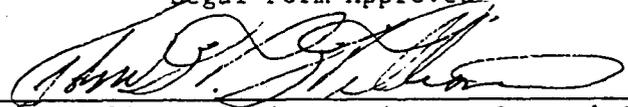
By: 
Ed Austin, Mayor

By: 
Sandra H. Gray, Chairman

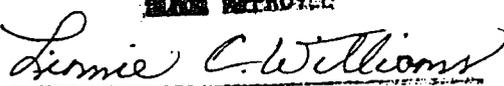
Attest: 
Limmie C. Williams
Corporation Secretary
(SEAL)

Attest: 
Merritt C. Fore, Secretary
(SEAL)

Legal Form Approved


John W. Williams, Senior Assistant General Counsel
St. Johns River Water Management District

In compliance with the Charter of the City of Jacksonville, I do certify that there is unexpended, unencumbered and unapportioned balance in the appropriation sufficient to cover the foregoing contract and provision has been made for the payment of the moneys provided therein to be paid.

LEGAL APPROVED

Limmie C. Williams
ASSISTANT COUNSEL


Richard Cohen
Director of Finance
5726-5

Appendix B

SJRWMD ABANDONED ARTESIAN WELL PLUGGING PROGRAM

AGREEMENT BETWEEN

THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

AND

THIS AGREEMENT is made and entered into this _____ day of _____ 19____, by and between the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT, a public body created pursuant to Chapter 373, F.S., (HEREINAFTER REFERRED TO AS THE "DISTRICT"), and _____, HEREINAFTER REFERRED TO AS THE "OWNER").

WITNESSETH

WHEREAS, the waters of the State of Florida are among its basic resources and it has been declared to be the policy of the Legislature to promote the conservation, development, and proper utilization of surface and ground water; and

WHEREAS, pursuant to Chapter 373, Florida Statutes, the DISTRICT has been established to manage water resources within its geographical area; and

WHEREAS, pursuant to Section 373.207(8)(a), Florida Statutes, the Legislature has directed the water management districts of the state to locate all known abandoned artesian wells and insure that each such well is plugged; and

WHEREAS, proper management of artesian wells is necessary to protect the public health, safety and welfare and to extend the life of the ground water supplies; and

WHEREAS, an abandoned artesian well is located on the property of the OWNER; said property being identified in Exhibit "A" attached hereto and by reference made a part hereof; and

WHEREAS, the OWNER and the DISTRICT desire and intend to bring into compliance the aforementioned abandoned artesian well by utilizing DISTRICT staff and equipment and/or by obtaining the services of qualified independent contractors.

NOW, THEREFORE, for and in consideration of the foregoing premises, which are part of the consideration herein, the parties hereto do mutually agree as follows:

I. The DISTRICT shall:

- A. Undertake the plugging or reconstruction of the subject well(s) located on the property identified in Exhibit "A", Well No. _____;
- B. As necessary, enter into a contract with a licensed water well contractor and administer the contract;
- C. Provide the professional and technical support necessary to properly address all aspects of the Agreement;
- D. Provide a report to the OWNER regarding the progress and completion of plugging the subject well.
- E. Obligate for the purposes of this agreement monies to cover the difference between the OWNER's contribution and the total cost, to complete the plugging or reconstruction of the well(s). The DISTRICT's obligation will be a minimum of 50% or a maximum of total cost minus six hundred dollars (\$600.00) for materials, site work and contractual services, per well.
- F. Pay the independent water well contractor (when applicable) for work performed and invoice the OWNER for his cost share.

II. The OWNER shall:

- A. Grant to the DISTRICT the right to plug the well(s) located on the OWNER's property, identified in Exhibit "A", Well No. _____.
- B. Grant to the DISTRICT reasonable ingress and egress for access to and from the well site and the right to transport, place, and remove construction equipment and vehicles used in connection with the plugging of the subject well(s).
- C. Provide for the purposes of this Agreement, monies to cover 50% of costs for all materials, site work and independent contractual services, in an amount not to exceed six hundred dollars (\$600.00) per well for materials and services described above. The OWNER shall further have the option to pay all or part of his cost share through the provision of in-kind services and/or materials as approved by the DISTRICT'S Project Manager. The type and value of these services and materials will be mutually agreed to in writing prior to commencement of work.
- D. Pay to the DISTRICT, within 30 days of receipt of invoice, up to a maximum of six hundred dollars (\$600.00) for materials and services described above.

- E. Defend, indemnify, save and hold harmless the DISTRICT, its officers, agents, servants and employees, from suits, costs, claims, judgements for injury or damages to which the DISTRICT, or any of its officers, agents or servants, may be subjected by reason of injury to the OWNER(S) resulting from the performance of the repairing/plugging of well(s) or the omissions of the DISTRICT, its agents, servants, employees, and contractor or subcontractor, suppliers, material men or their employees.
- F. The term of this Agreement will be from the date of its execution until all work has been satisfactorily completed and payment has been received from the OWNER by the DISTRICT.

PROPERTY OWNER

BY: _____

ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT

By: _____
HENRY DEAN
EXECUTIVE DIRECTOR

APPROVED AS TO FORM AND LEGALITY

John W. Williams
Senior Assistant General Counsel
Office of General Counsel
SJRWM

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
ABANDONED ARTESIAN WELL PLUGGING PROGRAM
GUIDELINES AND PROCEDURES

1. When an abandoned artesian well is located by District personnel, pertinent information concerning the well (location, size, owner, etc.) is forwarded to the Abandoned Artesian Well Plugging Program project manager in the Department of Ground Water Programs and Technical Support.
2. The project manager will send a letter to the owner by certified mail, return receipt requested, advising him of the following.
 - (a) The apparent existence of an abandoned artesian well on his property
 - (b) The statutory responsibilities concerning such wells
 - (c) The District's cost-sharing well plugging program which will provide appropriate well plugging services at a cost to the owner of 50 percent of the total cost of plugging each well or \$600 per well, whichever is less. The owner's share of the cost may be paid in cash, materials, and/or services, or any combination of these. If state funding is received in an amount adequate to perform the annual plugging program as proposed to FDER, then the District may elect to increase its share of the cost sharing percentage
3. The letter referred to in No. 2 will be accompanied by an acknowledgement form to be returned to the District within 45 days. If this form is not returned, a second letter will be sent by the project manager. This letter will provide a 30-day response period. If no response is received, then the Department of Resource Management will be notified by the project manager.
4. Upon such notification, the Department of Resource Management will investigate the well to determine if it is an

abandoned artesian well that should be plugged, pursuant to the provisions of Sections 373.206, .209, .213, and .316 FS.

5. If it is determined that the well should be plugged pursuant to the provisions of Sections 373.206, .209, .213, and .316 FS, appropriate enforcement action will be taken.
6. If the owner notified as per No. 2 above indicates that he is unwilling to participate in the District-sponsored project, notification will be forwarded to the Department of Resource Management. The Department of Resource Management will proceed as per Nos. 4 and 5.
7. If the owner indicates (on the form referred to in No. 3) a willingness to cooperate, then the well will be added to the list of wells and no enforcement action will be taken against the owner, at least as long as these guidelines and procedures are in effect.
8. Wells that are considered an imminent hazard to public health, safety, and welfare will be placed first in the priority order of plugging. Prioritization of all other wells to be plugged will be based on relative harm to the water resources as per Section 373.206 FS and as outlined in the *District's Annual report on abandoned artesian wells* (copy attached). Wells that pose a lesser threat to the water resources, that is, only wasting water, will be grouped in the lowest priority category, but may be moved up in priority during any fiscal year if other contractual well plugging is proceeding in the areas of these wells, making their plugging financially advantageous. The project manager will be responsible for keeping the prioritized list of wells to be plugged.
9. Arrangements for receipt of funds from the cooperative owner will be made pursuant to a written agreement to be entered into before any work is performed by the District on the well. The owner will be notified of the proposed plugging date at least three months prior to that date.
10. Owners of wells currently included on the District's Abandoned Artesian Well Plugging Program Inventory and not scheduled for plugging during FY _____ will be

notified of any changes in the program and will be asked to complete and return the form described in No. 3. All provisions of these guidelines and procedures shall be applicable to them.

11. For those wells that are referred to the Department of Resource Management as per Nos. 3 and 6, the Department of Resource Management will notify the Department of Ground Water Programs and Technical Support project manager of information concerning final action. This information will be included in the program records.

Appendix C

INVENTORY OF ABANDONED ARTESIAN AND PLUGGED WELLS

Key to column headings

WELL OWNER	Owner's name
WELL ID	In-house identification number assigned to each well. The first letter or two letters are an abbreviation for the county, for example, "C-" = Clay or "BR" = Brevard
FLOW GPM	Estimated flow at land surface in gallons per minute (gpm)
CL PPM	Chlorides measured in parts per million (ppm)
LATITUDE	Latitude, for example, 282742 is 28° 27' 42"
LONGITUDE	Longitude, for example, 813425 is 81° 34' 25"
TOTAL DEPTH	Depth of well in feet below land surface
CASED DEPTH	Cased depth of well in feet below land surface
WELL DIAM	Diameter of the well in inches. Note: a "0" indicates an unknown diameter of the well.
COMMENTS	

**INVENTORY OF WELLS PLUGGED OR RECONSTRUCTED BY
THE ABANDONED ARTESIAN WELL PLUGGING PROGRAM AT
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
1982-1992**

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
BREVARD COUNTY									
ABARE, WAYNE	BR0534	50	-	275918	803321	-	-	2	PLUGGED 6-7-88
ALLEN, NORMAN	BR0089	175	1590	275838	803109	346	102	4	PLUGGED 3-27-87
ANDERSON, SAM	BR0530	885	708	281303	804018	484	100	8	PLUGGED 6-9-88
AQUARINA	BR0437	5	250	275520	802937	439	195	4	PLUGGED 1984
AQUARINA #2	BR0438	0	-	275532	802921	378	103	4	PLUGGED 1984
ARMSTRONG, BILL	BR0703	0	-	280820	803537	-	-	2	PLUGGED 5-87
A. DUDA & SONS	BR0898	400	-	281347	804322	-	-	4	PLUGGED 7-20-89
BAKER, HARVEY JR.	BR0641	45	-	282205	804155	242	120	4	PLUGGED 6-4-87
BALL, GEORGE	BR0592	120	1800	281845	803636	260	66	4	PLUGGED 5-30-85
BARBOUR, CARRIE	BR1100	50	749	282151	803652	-	-	2	PLUGGED 7-31-91
BARNAVON, BO	BR0024	-	-	281823	804432	180	120	2	PLUGGED 6-10-88
BARNAVON, BO	BR0900	50	-	281821	804424	-	-	4	PLUGGED 7-17-89
BEACHWOODS	BR0227	20	601	280153	803231	-	-	1.5	PLUGGED 1984
BEHL, DOROTHY	BR0902	25	-	282229	804012	-	-	2	PLUGGED 7-27-89
BENT, M.S.	BR0514	20	735	281019	803714	230	-	3.5	PLUGGED 5-28-87
BETHESDA RET HOME	BR0493	1400	-	280138	803516	1360	220	14	PLUGGED 4-28-87
BIRMINGHAM, MICHAEL	BR0944	50	1550	281735	804043	-	-	6	PLUGGED 5-29-90
BR CITY REC & PARKS	BR0946	500	523	280817	803450	480	-	6	PLUGGED 5-1-90
BR CO PARKS & REC.	BR1019	35	520	281227	803947	-	-	2	PLUGGED 4-10-90
BREEZEWAY MBL PARK	BR0838	25	276	275157	802941	340	-	2	PLUGGED 6-24-92
BREV CO SCHOOL	BR0873	1500	-	275331	803834	-	-	8	PLUGGED 4-25-89
BREVARD CO MC	BR0081	10	229	275231	802807	203	103	4	PLUGGED 11-15-82
BREVARD CO MC	BR0087	50	260	275518	802936	496	-	4	PLUGGED 11-18-82
BREVARD CO MC	BR0097	50	688	275846	803121	328	-	4	PLUGGED 7-9-91
BREVARD CO MC	BR0088	50	344	275535	802946	328	-	4	PLUGGED 7-15-91
BREVARD CO MC	BR0098	200	1075	281829	804031	140	-	4	PLUGGED 6-6-85
BREVARD CO MC	BR0085	290	267	275357	802817	-	-	4	PLUGGED 9-29-82
BREVARD CO MC	BR0086	200	214	275425	802838	358	101	4	PLUGGED 11-24-82
BREVARD CO MC	BR0078	170	227	275208	802717	450	104	4	PLUGGED 9-14-82
BREVARD CO MC	BR0394	200	1162	281746	804027	290	-	4	PLUGGED 5-11-85
BREVARD CO MC	BR0209	25	1319	282417	804135	-	-	2	PLUGGED 4-13-89
BREVARD CO MC	BR0406	40	1680	282327	804034	260	-	4	PLUGGED 8-12-88

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
BREVARD CO MC	BR0080	200	234	275227	802803	406	103	4	PLUGGED 9-15-82
BREVARD CO MC	BR0238	360	1483	282416	804046	281	105	4	PLUGGED 8-10-88
BREVARD CO MC	BR0694	75	-	282420	804047	217	84	4	PLUGGED 11-85
BREVARD CO MC	BR1149	100	-	282017	804105	182	-	4	PLUGGED 7-31-91
BREVARD CO MC	BR1148	50	344	275248	802737	300	-	4	PLUGGED 7-11-91
BREVARD CO MC	BR0199	125	1860	282213	804047	180	-	4	PLUGGED 8-31-92
BREVARD CO MC	BR0013	125	-	282649	804320	210	-	3	PLUGGED 7-1-88
BREVARD CO MC	BR1147	40	776	275650	803018	320	-	4	PLUGGED 7-10-91
BREVARD COUNTY	BR0151	50	1653	282420	804135	-	-	4	PLUGGED 4-13-89
BREVARD COUNTY	BR0386	175	1080	282123	804017	228	100	4	PLUGGED 3-16-87
BREVARD COUNTY	BR0511	0	-	280804	804118	350	80	2	PLUGGED 3-30-87
BREVARD COUNTY	BR0507	100	-	282108	804642	150	-	4	PLUGGED 4-16-87
BREVARD COUNTY	BR0520	10	2070	282204	804214	220	-	2	PLUGGED 5-29-87
BREVARD COUNTY	BR0622	20	-	282132	804701	85	-	2.5	PLUGGED 6-10-88
BREVARD COUNTY	BR0083	128	230	275305	802804	383	103	3	PLUGGED 12-82
BREVARD COUNTY	BR0696	1400	202	275229	802954	743	194	10	PLUGGED 4-16-86
BREVARD COUNTY PARKS	BR0038	300	355	275435	803110	-	-	2.5	VALVED 8-13-90
BREWER, GRAY	BR0684	50	4220	282622	804534	-	-	2	PLUGGED 6-4-85
BROWNING, LYNN	BR0503	30	475	275749	803240	250	-	2	PLUGGED 3-31-87
BROWNING, LYNN	BR0486	60	519	275751	803235	250	-	4	PLUGGED 3-31-87
BRUNO, M.	BR0497	100	540	280138	803219	-	-	4	PLUGGED 6-8-88
BRUSLH, RON	BR1007	5	-	282221	804154	180	-	2	PLUGGED 5-29-90
BUCHANAN, JAMES	BR1023	35	941	281728	804046	-	-	2	PLUGGED 4-9-90
BURR, CLINTON	BR0855	5	-	282331	804220	-	-	2	PLUGGED 4-17-89
BUTLER, LESTER	BR0270	5	3580	282441	804244	-	-	3	PLUGGED 8-8-88
CAPE CANAVERAL AFB	BR0600	75	-	282741	803539	330	100	4	PLUGGED 6-17-88
CAPE CANAVERAL AFB	BR0601	70	-	282944	803244	270	-	3	PLUGGED 6-21-88
CAPE CANAVERAL AFB	BR0577	200	-	282623	803425	360	-	4	PLUGGED 6-20-88
CAPE CANAVERAL AFS	BR0574	100	-	282528	803606	310	-	8	PLUGGED 6-16-88
CAPE CANAVERAL AFS	BR0603	400	-	282528	803604	350	-	8	PLUGGED 6-15-88
CAPE CANAVERAL AFS	BR0546	626	-	282500	803638	350	162	12	PLUGGED 6-14-88
CAPE CANAVERAL AFS	BR0576	50	-	282652	803456	250	-	4	PLUGGED 6-20-88
CAPE CANAVERAL AFS	BR0575	40	-	282510	803607	145	-	3	PLUGGED 6-16-88
CAPE CANAVERAL AFS	BR0550	50	-	282737	803139	374	109	3	PLUGGED 6-13-88
CAPE CANAVERAL AFS	BR0551	75	-	283026	803309	262	100	4	PLUGGED 6-21-88

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
CAPE CANAVERAL AFS	BR0614	0	-	283104	804029	105	-	2	PLUGGED 6-24-88
CARD, ANITA	BR0984	5	-	282043	803625	-	-	2	PLUGGED 4-11-90
CARD, ANITA	BR0979	5	-	282044	803627	-	-	2	PLUGGED 4-12-90
CARD, ANITA	BR0983	5	-	282043	803629	-	-	2	PLUGGED 4-16-90
CARD, ANITA	BR0982	5	868	282043	803632	-	-	2	PLUGGED 4-11-90
CARD, ANITA	BR0980	5	-	282044	803630	-	-	2	PLUGGED 4-17-90
CARLTON, JOHN	BR1079	50	1150	281510	803937	-	-	3	PLUGGED 4-15-92
CARTER, DARLENE	BR1190	-	991	282148	803642	-	-	2	PLUGGED 6-25-92
CENTEX REAL ESTATE	BR0992	500	779	281825	804436	320	-	8	PLUGGED 5-22-90
CENTEX REAL ESTATE	BR0993	250	-	281822	804450	-	-	6	PLUGGED 5-24-90
CEVESCO, INC.	BR0417	20	1136	282337	803654	-	-	3	PLUGGED 4-17-89
CITY OF COCOA	BR0961	1000	1732	282112	804327	192	100	8	PLUGGED 7-30-91
CITY OF COCOA BEACH	BR0662	150	-	282109	803623	330	-	4	PLUGGED 6-9-85
CITY OF COCOA BEACH	BR0702	250	900	281846	803809	265	233	6	PLUGGED 7-11-86
CITY OF MELBOURNE	BR0517	90	755	280449	803738	240	-	4	PLUGGED 5-28-87
CITY OF MELBOURNE	BR0722	5	548	280832	803813	-	-	3	PLUGGED 8-2-88
CITY OF PALM BAY	BR0522	200	627	275957	803928	290	128	4	PLUGGED 5-31-88
CITY OF ROCKLEDGE	BR0945	100	880	281847	804420	240	-	4	PLUGGED 5-23-90
COLORADO CORPORATION	BR0994	500	-	282326	804137	-	-	2	PLUGGED 6-14-90
CONNER, C.H.	BR0950	10	1679	282252	804159	125	-	2	PLUGGED 5-23-90
COTNEY, RUFUS	BR0642	30	2280	282432	804238	385	-	8	PLUGGED 6-29-88
COUCH PUMPS	BR0423	450	-	275553	803138	798	71	12	RECONSTRUCTED 6-84
COUCH PUMPS	BR0623	623	38	275554	803138	628	159	8	PLUGGED 6-10-88
COURTENAY SPR. LTD.	BR0958	100	976	282019	804124	260	90	6	PLUGGED 3-17-92
CRISAFULLI, BUD	BR0521	85	1830	282626	804310	200	-	3	PLUGGED 6-12-85
CRISAFULLI, B.	BR0533	75	1300	282808	804221	135	89	4	PLUGGED 6-85
CRISAFULLI, REN	BR0719	100	832	282747	804137	-	-	3	PLUGGED 8-8-88
CROSS, SPENCER	BR1188	20	696	275745	804109	-	-	2	PLUGGED 3-5-92
CURRY, T. BRADLEY	BR0488	0	700	281732	804023	221	104	4	PLUGGED 4-13-87
DAVIS	BR0539	75	950	281557	804010	150	-	3	PLUGGED 6-10-85
DEER RUN	BR0564	845	740	275218	803921	340	120	6	PLUGGED 6-1-88
DEER RUN	BR0561	550	-	275202	803853	680	-	6	PLUGGED 6-2-88
DEER RUN	BR0593	10	-	275213	803738	720	-	10	PLUGGED 6-2-88
DEER RUN	BR0259	845	768	275207	803951	680	100	6	PLUGGED 6-1-88
DEMASSEY, GEORGE	BR0543	5	-	282105	804137	-	-	2	PLUGGED 7-1-88

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
DGG INVESTMENTS INC	BR0797	50	-	282324	803628	200	-	2	PLUGGED 9-16-92
DIDATO, JIM	BR0359	0	499	280447	804141	450	85	4	PLUGGED 3-17-87
DIXON, HOWARD	BR0956	100	-	282133	804558	348	102	4	PLUGGED 6-30-80
DOT	BR0995	100	-	275953	803725	-	-	4	PLUGGED 6-7-80
ED SCHMITT-PALM BAY	BR0848	25	-	280122	803734	-	-	2	PLUGGED 6-11-89
EDWARDS, JOHN	BR0578	20	610	280335	803546	-	-	2	PLUGGED 6-7-88
EMERSON, RICHARD M	BR0513	15	571	280711	803751	-	-	1.5	PLUGGED 1987
ENTERPRISE INTERNATI	BR0432	75	865	281830	804420	132	84	4	PLUGGED 6-5-85
FAULL, JACK	BR0506	0	-	282024	804438	150	-	3	PLUGGED 4-16-87
FED NATL WILD REFUGE	BR0587	25	7500	283944	804633	204	116	4	PLUGGED 1984
FEDERAL (KSC)	BR0588	50	1370	283134	803802	246	139	4	PLUGGED 5-84
FEINER, BALZ	BR1255	125	953	282037	804533	315	-	6	PLUGGED 6-24-92
FIRST BAPT. CHURCH	BR0962	50	-	282123	804210	145	-	2	PLUGGED 6-1-90
FL DOT	BR0926	50	-	282120	804340	240	-	4	PLUGGED 9-16-92
FLA POWER & LIGHT	BR0580	1400	-	280457	803622	513	-	10	PLUGGED 6-6-88
FOOSANER GROVE	BR1268	200	2100	282805	804117	320	-	6	PLUGGED 9-21-92
FOOSANER GROVE	BR0594	75	1520	282755	804106	212	36	4	PLUGGED 6-11-85
FOOSANER GROVE	BR0591	100	1680	282757	804117	183	86	4	PLUGGED 6-12-85
FOOSANER GROVE	BR0590	100	1840	282758	804108	202	84	3	PLUGGED 6-11-85
FOOSANER GROVE	BR0661	100	-	282759	804108	220	-	4	PLUGGED 6-12-85
GAUPP, M.K.	BR0492	0	944	281908	804241	202	142	4	PLUGGED 3-24-87
GDC	BR0225	50	568	275825	804210	227	120	4	PLUGGED 4-7-92
GDC	BR0263	250	728	275630	804121	378	82	2	PLUGGED 7-11-84
GDC	BR0648	0	653	275657	804202	-	-	6	PLUGGED 1985
GDC	BR0265	350	660	275648	804221	314	74	4	PLUGGED 4-22-86
GDC	BR0652	220	470	275607	804247	288	103	4	PLUGGED 1985
GDC	BR0894	200	-	280036	804441	-	-	3	PLUGGED 7-18-89
GDC	BR0226	50	468	275835	804219	258	-	4	PLUGGED 4-7-92
GDC	BR0646	150	721	275552	804222	242	116	6	PLUGGED 4-23-86
GDC	BR0656	150	100	275652	804250	122	120	4	PLUGGED 4-24-86
GDC	BR0258	250	800	275459	804011	336	107	6	PLUGGED 1984
GDC	BR0893	400	-	280026	804428	-	-	4	PLUGGED 7-19-89
GDC	BR0891	200	-	280012	804432	-	-	4	PLUGGED 7-19-89
GDC	BR0892	300	-	280023	804417	-	-	4	PLUGGED 7-18-89
GDC PORT MALABAR	BR0259	360	445	275530	804050	335	124	6	PLUGGED 1984

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
GDC PORT MALABAR	BR0261	15	750	275548	804135	316	93	4	PLUGGED 4-24-86
GDC PORT MALABAR	BR0282	360	490	280007	804337	349	87	6	PLUGGED 1984
GDC PORT MALABAR	BR0278	50	665	275926	804146	347	127	4	PLUGGED 7-11-84
GDC PORT MALABAR	BR0262	360	820	275546	804145	299	123	6	PLUGGED 1984
GDC-CARLYLE PLATT	BR0275	50	532	275818	804234	-	-	4	PLUGGED 4-7-92
GDC-CARLYLE PLATT	BR0274	300	488	275812	804218	357	112	6	PLUGGED 4-7-92
GRAN CENTRAL CORP	BR1041	10	504	275952	803402	480	-	2.5	PLUGGED 3-11-92
GRICCO	BR0973	10	1820	282225	804215	150	-	2	PLUGGED 5-9-90
GRIFFIS, EDGAR	BR0866	20	-	282413	804010	-	-	2	PLUGGED 4-17-89
GROOT, WILLIAM	BR1033	5	-	282213	804137	120	-	2	PLUGGED 5-29-90
GUTOSKI, BRUCE	BR1037	-	-	282053	803942	-	-	2	VALVED 1990
HALL, CAROLYN	BR1006	100	-	282545	804520	-	-	6	PLUGGED 6-7-90
HAMILTON, BRIAN	BR0723	500	1120	281942	804104	-	-	6	PLUGGED 8-9-88
HANLON, ED	BR0549	200	-	282514	804303	170	-	4	PLUGGED 6-29-88
HAYES, PETER	BR0845	35	-	282552	804036	-	-	2	PLUGGED 4-12-89
HAYES, PETER	BR0844	1000	-	282523	804048	230	-	10	PLUGGED 4-12-89
HAYES, PETER	BR0841	135	-	282518	804039	220	-	6	PLUGGED 4-10-89
HAYES, PETER	BR0847	250	-	282508	804037	-	-	6	PLUGGED 4-11-89
HAYES, PETER	BR0842	100	-	282548	804043	-	-	2.5	PLUGGED 4-11-89
HAYES, PETER	BR0846	75	-	282532	804046	-	-	4	PLUGGED 4-10-89
HAYES, PETER	BR0839	135	-	282508	804040	215	-	4	PLUGGED 4-10-89
HAYES, PETER	BR0843	250	-	282538	804040	-	-	6	PLUGGED 4-12-89
HAYES, PETER	BR0840	50	-	282534	804044	-	-	2	PLUGGED 4-10-89
HEBERT, HENRY	BR0867	1	-	282113	803628	-	-	2	PLUGGED 4-17-89
HOBBS, GARY	BR0525	15	4177	282742	804300	150	-	2	PLUGGED 6-28-88
HONEST JOHNS FISH CP	BR0093	100	357	275628	803032	403	104	4	PLUGGED 4-82
HONEST JOHNS FISH CP	BR0091	5	320	275609	803024	363	103	4	PLUGGED 9-29-82
HUBER, DONALD	BR0729	180	729	275953	804025	260	-	4	PLUGGED 9-8-88
HUBER, DONALD	BR0731	75	713	275954	804032	200	-	3	PLUGGED 9-7-88
HUBER, DONALD	BR0730	650	658	275945	804027	300	-	6	PLUGGED 9-7-88
HUBER, DONALD	BR0728	75	690	275955	804022	-	-	2	PLUGGED 9-6-88
HUMPHRY	BR1074	500	-	282708	804301	230	-	8	PLUGGED 4-19-89
HUMPHRY	BR0858	40	-	282713	804257	-	-	2	PLUGGED 4-20-89
HUMPHRY	BR0857	0	1510	282701	804240	-	-	2	PLUGGED 4-20-89
HUMPHRY	BR0860	0	-	282706	804251	-	-	3	PLUGGED 4-19-89
HUMPHRY	BR0863	0	-	282722	804311	15	-	2	PLUGGED 4-18-89

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
HUMPHRY	BR0861	25	-	282745	804303	-	-	2	PLUGGED 4-18-89
HUMPHRY	BR0859	45	-	282722	804310	-	-	6	PLUGGED 4-18-89
HUMPHRY	BR0865	0	-	282715	804250	-	-	2	PLUGGED 4-20-89
HUMPHRY	BR0862	0	-	282705	804250	-	-	2	PLUGGED 4-19-89
HUMPHRY	BR0864	0	-	282722	804302	30	-	1.25	PLUGGED 4-18-89
HUMPHRYS, BROOKS	BR0959	0	-	282708	804244	-	-	2	PLUGGED 5-15-90
HUNT, PATRICIA	BR0870	35	-	280443	803650	-	-	2	PLUGGED 4-24-89
HUSBAND, ESTER	BR0967	20	-	282405	804027	180	-	2	PLUGGED 5-30-90
IRSLINGER, JOHN	BR0516	20	1459	282625	804245	210	-	4	PLUGGED 1987
ISINGS, HANK	BR0494	500	333	275314	803025	500	-	6	PLUGGED 4-3-87
JACK RAY FIELD	BR0732	200	1710	282544	804224	125	-	3	PLUGGED 9-9-88
JACKS, GLADYS	BR0512	15	410	280143	803511	405	190	2	PLUGGED 1987
JAREN, DOUGLAS	BR0972	10	-	282132	804138	120	-	2	PLUGGED 5-24-90
JEKYLL INC.	BR1043	500	-	280753	803734	-	-	6	PLUGGED 7-12-89
JEKYLL INC.	BR0733	800	627	280752	803734	470	-	6	PLUGGED 9-8-88
JURGENS, RODNEY	BR0518	10	698	280940	803513	220	-	2	PLUGGED 6-3-87
KAUFFMAN	BR1144	50	1340	281043	803808	-	-	2	PLUGGED 3-4-92
KEMPFER, BILLY	BR0963	35	296	280529	804808	230	-	2	PLUGGED 4-14-92
KENNEDY SPACE CENTER	BR0367	200	1820	283414	803912	225	131	4	PLUGGED 1984
KISER/MARTIN	BR0572	150	1550	282431	804245	445	-	4	PLUGGED 8-4-88
KLINE, ROBERT	BR0963	50	1570	282136	804217	180	-	2	PLUGGED 6-6-90
KLUG, PETER	BR0700	200	1470	281903	804109	240	-	6	PLUGGED 4-14-87
KREISLER, ALFRED	BR1185	25	580	280150	803539	190	-	2	PLUGGED 3-11-92
KROLL, TED	BR0519	20	755	280940	803514	220	-	2	PLUGGED 1987
KUHL	BR0504	23	578	280431	803802	505	300	2	RECONSTRUCTED 2-87
KURZ, MARY	BR0205	300	1980	282351	804203	-	-	4	PLUGGED 9-27-88
LEWIS, GEORGE	BR0721	5	996	282113	804212	250	-	2.5	PLUGGED 8-5-88
LEWIS, JAMES	BR0545	10	1100	282355	803959	120	-	2	PLUGGED 8-10-88
LYNN, JOHN	BR1048	5	1760	282225	804210	160	-	2	PLUGGED 5-8-90
L.C.JUDD & CO.	BR0509	0	-	280445	804140	184	83	6	PLUGGED 1987
MARCZAK	BR0934	50	-	282247	804140	-	-	2	PLUGGED 7-27-89
MARTINES, LEE	BR0571	5	-	282051	803951	125	-	2	PLUGGED 7-1-88
MCDONALD	BR0985	0	-	281955	803936	-	-	3	PLUGGED 6-5-90
MCNAUGHT, JOHN	BR0868	350	-	275531	803128	215	-	6	PLUGGED 4-24-89

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
MCPHILAMY, SEAN	BR1024	5	-	282216	804154	-	-	2	PLUGGED 5-24-90
MEGAWORLD CAMP GR	BR0158	50	6398	283017	804649	210	-	4	PLUGGED 7-27-89
MERIDITH, WILLIAM	BR0952	25	668	275943	803825	190	-	2	PLUGGED 4-8-92
MEYERS, JAMES	BR0433	77	968	281525	803950	220	-	4	PLUGGED 5-27-87
MILLIKEN, MERRILL	BR0524	50	1652	282521	804304	140	-	4	PLUGGED 6-30-88
MTDCD	BR0365	13	735	275512	804122	-	-	2	PLUGGED 7-18-84
NASA	BR0544	550	2690	283227	804046	350	-	6	PLUGGED 6-22-88
NASA	BR0610	240	2550	282918	804100	366	113	6	PLUGGED 9-20-85
NASA	BR0579	50	-	283130	803830	250	-	4	PLUGGED 6-22-88
NASA	BR0582	10	-	283605	804003	200	-	3	PLUGGED 6-23-88
NASA	BR0595	200	-	283343	804014	190	83	4	PLUGGED 5-84
NASA	BR0695	0	1362	282747	803947	57	-	3	PLUGGED 6-83
NASA	BR0589	100	1180	282845	803935	183	81	4	PLUGGED 6-84
NASA	BR0583	115	1550	283130	804035	150	-	3	PLUGGED 6-27-88
NASA	BR0581	5	-	283612	804008	200	-	4	PLUGGED 6-23-88
NASA-KSC	BR0608	50	1540	282921	804047	321	84	8	RECONSTRUCTED 1986
NASA-KSC	BR0609	135	3550	282907	804101	371	100	8	PLUGGED 8-85
ONE SEAGATE 22-OSG	BR1013	0	2580	282322	804233	-	-	6	PLUGGED 5-10-90
ONI OF Linstead	BR0103	300	648	275810	803503	483	128	6	PLUGGED 3-16-92
PARRISH, JESSIE J.	BR0548	50	770	284714	805134	150	84	4	PLUGGED 8-11-88
PATRICK AFB	BR0666	215	1240	281122	803614	278	93	3.5	PLUGGED 4-30-86
PATRICK AFB	BR0663	311	-	281306	803624	283	102	6	PLUGGED 8-11-85
PATRICK AFB	BR0669	346	924	281124	803605	383	92	4	PLUGGED 7-15-86
PATRICK AFB	BR0665	400	860	281130	803617	283	92	4	PLUGGED 4-29-86
PATRICK AFB	BR0679	215	790	281139	803613	363	94	4	PLUGGED 7-17-86
PATRICK AFB	BR0667	222	924	281127	803612	354	92	4	PLUGGED 7-14-86
PATRICK AFB	BR0678	222	828	281142	803612	383	94	4	PLUGGED 7-16-86
PATRICK AFB	BR0668	294	756	281127	803604	492	93	4	PLUGGED 7-14-86
PATRICK AFB	BR0681	385	690	281133	803611	382	94	4	PLUGGED 7-18-86
PATRICK AFB	BR0677	328	1390	281145	803606	476	95	4	PLUGGED 7-16-86
PATRICK AFB	BR0680	412	944	281136	803514	497	92	3.5	PLUGGED 7-17-86
PEEK, MARY	BR0965	25	-	282103	804157	-	-	2	PLUGGED 5-31-90
PEREGOY, CHRISTA	BR0947	20	-	282058	804142	120	-	2	PLUGGED 6-12-90
PETERSON, MARGARET	BR0901	25	-	281855	804113	-	-	3	PLUGGED 7-26-89
PIGG, GLADYS	BR0968	75	-	282057	804203	-	-	2	PLUGGED 4-15-92

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
PREVSS, DAN	BR0875	50	-	275647	803207	-	-	2	PLUGGED 5-16-89
RADENCIC, W.	BR0508	100	550	275838	803301	250	-	3	PLUGGED 5-1-87
REDER, ALBERT	BR0490	0	-	281739	804157	-	-	2	PLUGGED 3-12-87
RICHENS, KENT	BR0912	-	-	282017	803648	-	-	3	PLUGGED 6-23-92
RICHICHI, DOMENIK	BR0890	25	-	275701	803208	-	-	2	PLUGGED 7-20-89
RIVERCREST PLAZA	BR0895	1	-	280944	803836	-	-	2	PLUGGED 7-25-89
RIVERCREST PLAZA	BR0935	5	-	280951	803839	-	-	2	PLUGGED 7-13-89
RIVERCREST PLAZA	BR0897	10	-	280950	803838	-	-	2	PLUGGED 7-25-89
RIVERCREST PLAZA	BR0896	5	-	280945	803839	-	-	2.5	PLUGGED 7-13-89
RIVERCREST PLAZA	BR0874	200	-	280954	803841	-	-	6	PLUGGED 5-19-89
RIVERCREST PLAZA	BR0872	10	450	280953	803839	-	-	2	PLUGGED 5-19-89
ROME SIM	BR0515	0	-	282336	804225	180	-	2	PLUGGED 1987
ROSEN, CLIFFORD	BR0849	5	-	281010	803904	-	-	4	PLUGGED 5-11-89
ROTHMAN, MAURICE	BR1150	10	696	280437	804048	340	-	4	PLUGGED 3-4-92
ROWENHURST, DIANE	BR0966	10	1790	282224	804211	160	-	2	PLUGGED 5-3-90
SARTORI, JIM	BR0737	25	-	275322	804049	140	-	3	PLUGGED 8-2-88
SARTORI, JIM	BR0718	120	584	275312	804147	295	-	3	PLUGGED 8-3-88
SCARBOROUGH, DUANE	BR0989	300	1620	281811	804045	320	-	6	PLUGGED 4-16-92
SCHAPPACHER, JERRY	BR0735	10	1170	280400	803549	-	-	2	PLUGGED 9-8-88
SCHRURSBRENN, ZITA	BR0547	100	448	275955	804345	260	110	4	PLUGGED 3-11-92
SCOTT	BR1051	50	686	280523	803430	260	-	2	PLUGGED 5-3-90
SEAGRAPE AVE	BR0082	220	344	275301	802804	393	100	4	PLUGGED 9-22-82
SELMON, JACK	BR0852	5	-	282748	804247	-	-	2	PLUGGED 4-13-89
SHARPIRO, NOEL	BR0956	225	-	282904	805007	300	-	4	PLUGGED 6-4-90
SHEPARD, NATHANIEL	BR1045	10	548	280004	803427	240	-	4	PLUGGED 3-10-92
SIMPSON, JACK	BR0602	50	1541	282218	804643	371	112	4	PLUGGED 5-30-85
SINGLETON, JEAN	BR0536	5	700	280745	803525	290	-	2	PLUGGED 6-8-88
SJRWMD	BR0930	100	704	274949	804300	-	-	3	PLUGGED 1-23-90
SJRWMD	BR0924	100	714	275122	804330	339	102	4	PLUGGED 1-30-90
SJRWMD	BR1193	500	-	275450	804320	495	85	4	PLUGGED 11-18-91
SJRWMD	BR0927	100	704	275027	804330	178	122	3	PLUGGED 1-24-90
SJRWMD	BR1256	150	726	275041	804350	-	-	3	PLUGGED 1-31-90
SJRWMD	BR0931	-	-	274950	804409	-	-	3	PLUGGED 2-2-90
SJRWMD	BR1194	300	492	275542	804320	316	73	4	PLUGGED 11-12-91
SJRWMD	BR0925	100	170	275140	804330	282	100	3	PLUGGED 1-30-90

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
SJRWMD	BR0829	350	-	275248	804811	-	-	6	PLUGGED 11-14-90
SJRWMD	BR0836	621	-	275325	804745	-	-	6	PLUGGED 11-6-90
SJRWMD	BR0837	120	484	275431	804448	-	-	3	PLUGGED 10-17-89
SJRWMD	BR0833	796	-	275304	804742	-	-	6	PLUGGED 11-13-90
SJRWMD	BR0834	548	-	275311	804744	480	102	6	PLUGGED 11-6-90
SJRWMD	BR0917	100	722	275041	804306	330	102	4	PLUGGED 1-31-90
SJRWMD	BR1195	300	448	275807	804320	375	85	4	PLUGGED 11-6-91
SJRWMD	BR1196	300	-	275842	804320	360	-	4	PLUGGED 11-6-91
SJRWMD	BR0920	100	719	275133	804407	344	102	4	PLUGGED 2-2-90
SJRWMD	BR0918	100	725	275042	804329	350	102	3	PLUGGED 1-30-90
SJRWMD	BR0727	25	1510	283644	805748	-	-	2	PLUGGED 9-26-88
SJRWMD	BR0821	182	-	275219	804840	-	-	4	PLUGGED 11-7-90
SJRWMD	BR0807	300	247	274948	804853	-	-	6	PLUGGED 4-2-91
SJRWMD	BR0791	300	480	275424	804544	-	-	4	PLUGGED 10-17-89
SJRWMD	BR0279	400	380	275901	804320	364	-	4	PLUGGED 11-11-81
SJRWMD	BR0928	100	721	275013	804330	315	104	3	PLUGGED 1-24-90
SJRWMD	BR0921	100	649	275133	804317	282	100	4	PLUGGED 2-1-90
SJRWMD	BR1192	300	392	275450	804347	495	86	4	PLUGGED 11-5-91
SJRWMD	BR1191	300	428	275623	804413	504	85	4	PLUGGED 11-4-91
SJRWMD	BR0923	100	714	275051	804330	280	104	3	PLUGGED 1-25-90
SJRWMD	BR0997	0	402	274949	804521	290	-	3	PLUGGED 4-28-87
SJRWMD	BR0726	100	376	275336	804543	-	-	3	PLUGGED 9-28-88
SJRWMD	BR0929	100	695	274934	804330	326	102	3	PLUGGED 1-24-90
SJRWMD	BR0486	-	623	275040	804502	300	-	3	PLUGGED 4-27-87
SJRWMD	BR0487	85	331	275040	804529	295	114	3	PLUGGED 5-87
SJRWMD	BR0826	621	-	275327	804848	-	-	6	PLUGGED 11-13-90
SJRWMD	BR0823	182	-	275314	804845	-	-	4	PLUGGED 11-7-90
SJRWMD	BR0922	100	769	275052	804325	-	-	3	PLUGGED 2-5-90
SMITH, GERALD	BR1060	0	-	282343	804308	120	-	2	PLUGGED 6-14-90
SNYDER, BRENDA	BR1143	25	280	275116	803013	-	-	2	PLUGGED 3-5-92
SOUTH DADE FARMS	BR0565	845	760	275235	803855	680	-	6	PLUGGED 5-31-88
SOWDEN, ROBERT	BR1044	100	672	281631	804125	280	-	4	PLUGGED 5-17-90
SPEARS	BR0701	2	-	275229	802958	200	-	2	PLUGGED 4-18-86
SPEEGLE, J.T.	BR0523	50	-	281913	804242	-	-	2	PLUGGED 7-26-89
STATE OF FLORIDA	BR0422	50	-	275131	802704	-	-	3	PLUGGED 8-1-88
STATE OF FLORIDA	BR0409	165	207	275211	802722	448	102	4	PLUGGED 6-84

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
STATE OF FLORIDA	BR0410	190	200	276217	802721	377	81	3	PLUGGED 9-21-82
STEEL, DAVE	BR0699	280	-	282350	804310	308	95	6	PLUGGED 7-9-86
SULLIVAN GROVES	BR0011	235	-	282742	803955	230	-	4	PLUGGED 8-28-88
SUNSHINE NURSERY	BR0707	130	496	276634	803107	300	-	2	PLUGGED 4-18-86
TARANTO, ANGELO	BR1014	50	-	280407	803320	400	-	4	PLUGGED 9-14-90
TARANTO, ANGELO	BR0969	30	-	280407	803322	450	-	4	PLUGGED 3-14-90
TEAVER, BETSY	BR1040	20	703	282051	804151	100	-	2	PLUGGED 6-14-90
THOMPSON, DEE	BR0500	0	-	282130	804504	240	200	4	PLUGGED 3-13-87
TUCKER, G.A.	BR0899	200	-	281807	804455	-	-	4	PLUGGED 7-17-89
TURCK, CLAYTON	BR0951	5	-	282000	803845	-	-	2	PLUGGED 4-10-90
UNDERRILL REALTY	BR0869	75	-	280554	804201	-	-	2	PLUGGED 4-24-89
UNDETERMINED	BR0182	100	691	275843	803502	-	-	6	PLUGGED 5-15-89
UNDETERMINED	BR0566	150	741	275248	804022	200	-	3	PLUGGED 8-3-88
USGS	BR1050	300	3124	283835	804245	-	-	6	PLUGGED 5-8-90
VOLKMER, IVA LEA	BR1015	10	1890	282218	804224	125	-	2	PLUGGED 5-9-90
WALDEN, F.E	BR0498	55	911	281842	804224	150	-	4	PLUGGED 3-13-87
WALDEN, JOHN	BR0871	200	-	280000	804202	-	-	4	PLUGGED 4-25-89
WARREN, EUNICE	BR1181	15	-	281141	803933	-	-	2	PLUGGED 3-12-92
WEIGERIF, E. L.	BR0390	40	1470	281823	804054	158	-	2	PLUGGED 4-23-92
WEIGERIF, E. L.	BR1036	40	1460	281817	804048	-	-	2	PLUGGED 4-21-92
WEIGERIF, E. L.	BR0709	50	1430	281816	804001	218	98	6	PLUGGED 7-10-86
WEIGERIF, E. L.	BR0711	350	1280	281820	804043	330	-	6	PLUGGED 4-21-92
WELLS, WILLIE MAE	BR1032	5	261	282124	804726	-	-	2	PLUGGED 5-29-90
WHITE, ROBERT	BR0736	5	1740	282225	804208	-	-	2	PLUGGED 9-9-88
WILSON, BILLY	BR1046	50	3233	282806	804304	220	-	4	PLUGGED 5-21-90
WINDLE, LEON	BR0734	35	1660	282224	804208	125	-	2	PLUGGED 9-9-88
WOELK, FRED	BR0851	0	-	282822	804307	-	-	6	PLUGGED 4-20-89
WOLFMAN	BR0099	200	1048	281850	804038	141	104	4	PLUGGED 5-23-85
WOODING	BR0971	20	900	282048	804155	80	-	1.5	PLUGGED 6-14-90
WRIGHT, DALE	BR0724	100	-	282405	804236	105	-	4	PLUGGED 8-5-88
TOTAL	343	52732							
CLAY COUNTY									
CHEROKEE BRICK/TILE	C-0013	150	5	300620	814628	-	-	6	PLUGGED 9-20-88
CHEROKEE BRICK/TILE	C-0379	2	7	300457	815022	-	-	1	PLUGGED 4-15-91
DUPONT	C-0005	75	5	300302	814227	-	-	3	PLUGGED 3-29-89

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
HARGIS, JIM	C-0090	-	-	300455	814911	-	-	4	VALVED 9-26-88
JENSEN, RAY	C-0476	300	6	300549	814543	610	-	6	PLUGGED 8-3-92
KAISER DEV. CORP	C-0019	100	38	295104	813701	-	-	4	PLUGGED 4-18-91
SKINNER, BRYANT	C-0129	5	4	300409	815152	-	-	6	VALVED 9-21-88
TOTAL	7	832							
DUVAL COUNTY									
BIENEFELD INVEST	D-4584	569	11	301933	814436	594	-	8	PLUGGED 8-20-91
CITY OF JACKSONVILLE	D-0291	-	-	301522	813313	1246	520	12	VALVED 8-7-92
CITY OF JACKSONVILLE	D-0606	-	21	302134	812827	804	-	6	VALVED 4-30-92
CITY OF JACKSONVILLE	D-0642	-	17	302235	813516	1041	625	12	VALVED 5-8-92
CITY OF JACKSONVILLE	D-1234	-	-	302640	813618	1000	-	12	VALVED 8-24-92
CITY OF JACKSONVILLE	D-1235	-	-	302433	814322	1225	-	12	VALVED 8-24-92
CITY OF JACKSONVILLE	D-1233	-	-	302841	813728	689	-	6	VALVED 8-24-92
CITY OF JACKSONVILLE	D-1219	30	-	301918	813820	320	-	2	PLUGGED 8-29-90
CITY OF JACKSONVILLE	D-0105	-	14	301757	813849	1062	-	0	VALVED 8-24-92
CITY OF JACKSONVILLE	D-0570	-	50	302803	813751	-	-	16	VALVED 8-24-92
CITY OF JACKSONVILLE	D-1118	-	-	302806	813754	740	598	3	VALVED 8-24-92
CRIBS KING INC.	D-0693	5	28	302437	814209	-	-	4	PLUGGED 7-25-90
CRULL, GARY	D-0252	-	47	301822	813311	750	-	8	PLUGGED 8-22-91
DNR	D-0430	-	31	302318	813019	426	344	3	PLUGGED 5-20-87
DNR	D-1196	300	24	303049	812720	532	-	3	PLUGGED 8-4-92
GROEGER, GEORGE	D-1200	10	-	302448	813124	625	-	2	PLUGGED 6-20-90
JACOBSON, WILLIAM	D-0685	50	15	302442	814116	480	-	8	PLUGGED 8-26-90
JEA	D-1359	200	21	302631	813125	733	500	4	PLUGGED 8-19-91
JEA	D-4589	-	-	302518	813013	-	-	2	PLUGGED 8-20-91
KENNEDY, FOSTER	D-4582	100	32	303100	812721	-	-	3	PLUGGED 6-27-90
NEPTUNE BEACH	D-0160	1500	14	301852	812342	550	338	8	RECONSTRUCTED 4-2-90
PAM DEVELOPMENT	D-1199	-	-	301734	812816	550	480	3	PLUGGED 7-25-90
ROMEO	D-0435	85	8	301733	814317	195	32	8	PLUGGED 7-23-90
RUMBLE, JOHN	D-1164	-	15	301846	813514	-	-	3	PLUGGED 7-18-90
TYE, WADE	D-1161	0	-	301917	813505	65	-	4	PLUGGED 7-11-90
UNION BAPTIST CHURCH	D-1198	-	-	302006	814109	358	-	8	PLUGGED 6-21-90
TOTAL	26	2849							
FLAGLER COUNTY									
FISHETTE, ARMOND	F-0221	20	-	293501	811149	-	-	6	PLUGGED 1985

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
FISHETTE, ARMOND	F-0222	60	-	293504	811160	-	-	6	PLUGGED 1985
HAMMOCK BAPTIST CHURCH	F-0220	30	-	293547	811147	-	-	4	PLUGGED 1-24-85
HODGES	F-0237	10	-	292517	812542	-	-	2	PLUGGED 1-23-85
HODGES	F-0238	10	-	292617	812543	-	-	2	PLUGGED 1-23-85
IHLENFELDT	F-0253	40	-	293628	811203	158	147	4	PLUGGED 2-4-85
JTT PALM COAST	F-0223	10	1800	293500	811135	-	-	6	PLUGGED 1985
PUBLIC DOMAIN	F-0029	250	7560	293401	811111	-	-	6	PLUGGED 1984
SHAEFFER	F-0224	5	-	292911	810803	-	-	2	PLUGGED 2-7-85
SHOW, GEARLDINE	F-0254	-	-	293709	811219	-	-	4	PLUGGED 1-31-85
UNDETERMINED	F-0091	1	1020	292523	812538	-	-	6	PLUGGED 1-23-85
UNDETERMINED	F-0213	25	-	292519	812553	-	-	0	PLUGGED 1-22-85
UNDETERMINED	F-0134	-	1380	293338	811005	152	134	4	PLUGGED 1-30-85
WASHINGTON OAKS S.P.	F-0304	70	1640	293758	811232	380	-	4	RECONSTRUCTED
WESTBROOK, J.H	F-0255	10	-	293352	811101	138	87	2	PLUGGED 1-30-85
TOTAL	15	541							
INDIAN RIVER COUNTY									
BORLAND, W.C.	IR0578	25	231	274415	802543	416	-	2	PLUGGED 3-25-91
BRADLEY, JOHN	IR0503	200	-	273758	802247	-	-	4	PLUGGED 6-8-89
DODGER TOWN	IR0592	1500	444	273914	802626	908	-	8	PLUGGED 8-14-91
DUNNE, GARY	IR0580	-	244	273638	802539	-	-	4	PLUGGED 3-22-91
EGAN	IR0557	500	552	274322	802735	-	-	4	PLUGGED 6-26-90
EGAN	IR0555	500	661	274127	802913	-	-	4	PLUGGED 6-26-90
EGAN	IR0556	500	-	274149	802941	-	-	4	PLUGGED 6-25-90
EVANS, ANNA	IR0534	200	-	273811	802447	-	-	4	VALVED 6-4-90
G & M GROVES	IR0581	-	-	274639	803636	-	-	4	PLUGGED 3-24-91
G & M GROVES	IR0595	200	584	274642	803628	-	-	4	PLUGGED 11-20-91
HERAN, BILL	IR0597	50	412	273639	802331	-	-	4	PLUGGED 12-10-91
HILL	IR0586	100	248	273833	802612	540	-	3	PLUGGED 3-21-91
HILL	IR0582	50	6	273842	802608	-	-	3	PLUGGED 3-21-91
HOBART LANDING JOINT	IR0577	25	215	274412	802542	-	-	2.5	PLUGGED 3-25-91
HOBART LANDING JOINT	IR0576	300	392	274408	802539	536	225	2.5	PLUGGED 3-26-91
HOGAN, T. DOYLE	IR0617	150	692	273356	802809	741	140	4	PLUGGED 11-19-91
INDIAN RIVER COUNTY	IR0689	20	468	274242	802511	640	-	3	PLUGGED 6-9-92
INDIAN RIVER COUNTY	IR0613	45	688	274747	802452	670	-	3	PLUGGED 6-4-92
I.R.COUNTY UTILITIES	IR0691	0	-	274413	802537	-	-	2	PLUGGED 3-3-92

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
I.R.COUNTY UTILITIES	IR0890	0	-	274059	802519	84	-	6	PLUGGED 3-3-92
I.R.COUNTY UTILITIES	IR0532	0	-	273607	802444	110	-	6	PLUGGED 2-8-90
I.R.COUNTY UTILITIES	IR0535	0	-	274031	802536	50	-	2	PLUGGED 2-15-90
I.R.COUNTY UTILITIES	IR0533	0	-	273608	802444	120	-	6	PLUGGED 2-8-90
I.R.COUNTY UTILITIES	IR0537	200	284	274023	802513	700	-	8	PLUGGED 2-28-90
I.R.COUNTY UTILITIES	IR0505	160	-	273659	803010	-	-	6	PLUGGED 2-8-90
I.R.COUNTY UTILITIES	IR0506	75	371	273649	803019	-	-	4	PLUGGED 5-10-89
I.R.COUNTY UTILITIES	IR0507	100	392	273646	803036	-	-	6	PLUGGED 5-10-89
I.R.COUNTY UTILITIES	IR0530	0	-	273705	802330	130	-	6	PLUGGED 2-15-90
I.R.COUNTY UTILITIES	IR0529	0	-	274602	802653	-	-	1.25	PLUGGED 2-20-90
I.R.COUNTY UTILITIES	IR0514	160	343	273808	802655	520	-	6	PLUGGED 2-13-90
I.R.COUNTY UTILITIES	IR0536	0	-	274023	802513	90	-	2	PLUGGED 2-26-90
I.R.COUNTY UTILITIES	IR0527	-	-	274907	803017	121	-	4	PLUGGED 3-3-92
I.R.COUNTY UTILITIES	IR0539	0	-	274023	802513	90	-	2	PLUGGED 2-26-90
I.R.COUNTY UTILITIES	IR0548	0	-	273636	802334	100	-	8	PLUGGED 6-5-90
I.R.COUNTY UTILITIES	IR0531	0	-	273706	802339	90	-	12	PLUGGED 2-20-90
I.R.COUNTY UTILITIES	IR0549	0	-	273638	802336	100	-	8	PLUGGED 6-5-90
I.R.COUNTY UTILITIES	IR0538	0	-	274023	802513	112	-	8	PLUGGED 2-26-90
I.R.COUNTY UTILITIES	IR0547	0	-	273634	802333	100	-	8	PLUGGED 6-4-90
I.R.COUNTY UTILITIES	IR0546	0	-	273631	802331	100	-	8	PLUGGED 6-4-90
I.R.COUNTY UTILITIES	IR0545	0	-	273629	802300	100	-	8	PLUGGED 6-4-90
I.R.COUNTY UTILITIES	IR0544	0	-	273627	802259	100	-	8	PLUGGED 6-4-90
I.R.COUNTY UTILITIES	IR0528	0	-	274140	802554	140	-	4	PLUGGED 2-19-90
KINCAID	IR0569	300	384	273434	802434	-	-	3	PLUGGED 8-22-90
LAKEWOOD VILLAGE	IR0596	400	872	273744	803049	892	262	6	PLUGGED 12-11-91
LOST TREE VILLAGE	IR0498	30	268	274353	802336	705	280	3	PLUGGED 3-27-91
LOST TREE VILLAGE	IR0304	20	250	274337	802342	544	310	4	PLUGGED 3-27-91
MARTIN, GREGORY-TRUS	IR0224	300	201	274003	802317	-	-	6	PLUGGED 8-23-90
MOORE, KEITH	IR0713	40	934	274445	803534	580	-	4	PLUGGED 6-9-92
MULLER ENTERPRISES	IR0579	110	233	274735	802729	-	-	4	CAPPED 10-17-90
NUTTING, BILL	IR0614	200	214	273937	802351	-	-	3	PLUGGED 11-20-91
SCHLITT, CHRISTOPHER	IR0645	25	304	273829	802629	710	-	3	PLUGGED 6-3-92
SEMINOLE SHORES	IR0010	100	1030	273430	801953	943	348	6	PLUGGED 4-1-91
SHULOCK, MICHAEL	IR0594	300	424	273438	802553	-	-	4	PLUGGED 12-4-91
SJRWMD	IR0349	-	-	274617	804301	300	-	3	PLUGGED 4-22-87
SJRWMD	IR0357	200	432	273630	804603	-	-	6	PLUGGED 9-21-89

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
SJRWMD	IR0348	76	-	274616	804404	-	-	3	PLUGGED 4-22-87
SJRWMD	IR0317	500	793	273628	804632	920	198	6	PLUGGED 9-25-80
SJRWMD	IR0397	150	406	274028	803847	400	-	2.5	PLUGGED 4-30-87
SJRWMD	IR0398	-	-	274040	803847	400	-	4	PLUGGED 6-5-87
SJRWMD	IR0399	0	-	274047	803902	50	-	2	PLUGGED 4-29-87
SJRWMD	IR0380	150	697	273714	804630	-	-	6	PLUGGED 9-27-89
SJRWMD	IR0400	0	-	274053	803839	50	-	2	PLUGGED 4-29-87
SJRWMD	IR0347	-	-	274552	804301	-	-	3	PLUGGED 8-23-87
SJRWMD	IR0318	200	630	273738	804514	-	-	6	PLUGGED 9-19-89
SJRWMD	IR0315	300	369	273845	804626	734	200	6	PLUGGED 6-5-90
SJRWMD	IR0314	100	595	273849	804527	708	202	6.5	PLUGGED 9-28-89
SJRWMD	IR0310	-	-	274710	804234	300	-	3	PLUGGED 4-24-87
SJRWMD	IR0309	-	-	274745	804404	275	-	3	PLUGGED 4-21-87
SJRWMD	IR0308	-	554	274724	804404	275	-	3	PLUGGED 4-21-87
SJRWMD	IR0307	-	484	274658	804401	300	-	3	PLUGGED 4-20-87
SJRWMD	IR0306	-	805	274722	804301	300	-	3	PLUGGED 4-20-87
SJRWMD	IR0522	100	566	273655	804552	-	-	8	PLUGGED 9-20-89
SJRWMD	IR0524	75	644	273723	804553	-	-	6	PLUGGED 9-18-89
SJRWMD	IR0453	500	672	273343	804507	1036	-	6	PLUGGED 10-16-89
SJRWMD	IR0462	100	674	273357	804217	-	-	6	PLUGGED 9-11-89
SJRWMD	IR0463	50	62	273356	804314	630	210	6	PLUGGED 9-11-89
SJRWMD	IR0459	300	83	273424	804344	-	-	6	PLUGGED 8-31-89
SJRWMD	IR0458	300	474	273425	804345	500	172	4	PLUGGED 8-30-89
SJRWMD	IR0457	300	428	273449	804411	780	236	4	PLUGGED 8-30-89
SJRWMD	IR0456	350	418	273424	804415	-	-	5	PLUGGED 8-29-89
SJRWMD	IR0455	500	502	273408	804421	795	198	6	PLUGGED 8-28-89
SJRWMD	IR0461	400	603	273401	804232	-	-	6	PLUGGED 9-11-89
SJRWMD	IR0454	50	529	273401	804535	-	-	6	PLUGGED 9-7-89
SJRWMD	IR0464	400	118	273343	804345	780	206	6	PLUGGED 9-5-89
SJRWMD	IR0135	-	595	274658	804301	317	114	3	PLUGGED 4-20-87
SJRWMD	IR0510	150	320	274529	804230	400	-	4	PLUGGED 5-9-89
SJRWMD	IR0512	100	-	274643	804229	-	-	3	PLUGGED 5-9-89
SJRWMD	IR0518	300	337	273417	804541	-	-	6	PLUGGED 9-6-89
SJRWMD	IR0460	300	-	273451	804241	-	-	6	PLUGGED 9-13-89
SOLID WASTE DISTRICT	IR0589	0	-	273442	802853	87	-	2	PLUGGED 3-28-91

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
SOLID WASTE DISTRICT	IR0588	300	844	273428	802932	740	-	6	PLUGGED 4-1-81
STOUGH, MARIAN	IR0492	115	453	274513	802931	208	104	4	PLUGGED 3-6-89
SUN AG INC	IR0495	500	-	274917	803928	-	-	6	PLUGGED 5-9-89
SUN AG INC	IR0498	100	-	274917	804040	-	-	4	PLUGGED 5-9-89
TAKAHO	IR0559	500	277	274118	802941	-	-	4	PLUGGED 8-15-90
TAKAHO	IR0554	800	453	274109	802857	-	-	6	PLUGGED 6-27-90
TAKAHO	IR0584	500	395	274035	802847	-	-	5	PLUGGED 8-21-90
TAKAHO	IR0558	500	266	274122	802942	-	-	6	PLUGGED 8-21-90
TAKAHO	IR0553	500	557	274113	802919	566	188	6	PLUGGED 6-21-90
TAKAHO	IR0552	500	323	274125	803042	-	-	4	PLUGGED 8-16-90
TAKAHO	IR0551	200	785	274127	803013	-	-	4	PLUGGED 6-14-90
VERO BCH MUN. AIR	IR0692	50	166	273909	802500	720	-	4	PLUGGED 6-2-92
VERO BCH MUN. AIR	IR0693	35	222	273916	802532	690	-	4	PLUGGED 6-3-92
WATERS EDGE ASSOC	IR0593	50	-	274742	802731	-	-	2	PLUGGED 11-21-81
WILD TURKEY	IR0567	300	337	274112	803021	-	-	4	PLUGGED 8-15-90
WILD TURKEY	IR0561	300	339	274112	803003	-	-	4	PLUGGED 8-15-90
WODTKE, LOUIS	IR0494	100	390	275028	802929	-	-	2	PLUGGED 5-8-89
TOTAL	107	18185							
LAKE COUNTY									
BLACKWATER INN	L-0084	50	252	281000	813126	-	-	2	PLUGGED 10-9-89
CENTER LAKE PROPERTY	L-0473	0	-	283052	814036	-	-	10	PLUGGED 7-16-92
CENTER LAKE PROPERTY	L-0474	0	-	283024	814058	467	-	10	PLUGGED 7-20-92
CENTER LAKE PROPERTY	L-0459	0	13	283024	814109	213	85	6	PLUGGED 7-7-92
CENTER LAKE PROPERTY	L-0476	0	3	283003	814114	543	100	10	PLUGGED 7-27-92
CENTER LAKE PROPERTY	L-0477	0	-	283025	814042	514	206	8	PLUGGED 7-14-92
CENTER LAKE PROPERTY	L-0478	0	-	283040	814043	347	126	8	PLUGGED 7-16-92
CENTER LAKE PROPERTY	L-0475	0	-	283036	814154	481	157	10	PLUGGED 7-29-92
SJRWMD	L-0517	0	-	285206	814918	19	-	2	PLUGGED 3-31-92
SJRWMD	L-0501	0	-	285259	814912	183	-	2	PLUGGED 3-31-92
SJRWMD	L-0521	0	-	285205	814918	19	-	2	PLUGGED 3-31-92
SJRWMD	L-0520	0	-	285205	814918	19	-	2	PLUGGED 3-31-92
SJRWMD	L-0519	0	-	285205	814918	19	-	2	PLUGGED 3-31-92
SJRWMD	L-0499	0	-	285257	814945	-	-	6	PLUGGED 3-31-92
SJRWMD	L-0500	0	-	285257	814945	203	-	2	PLUGGED 3-31-92
SJRWMD	L-0494	0	-	285205	814915	177	-	4	PLUGGED 3-31-92
SJRWMD	L-0496	0	-	285205	814918	19	-	6	PLUGGED 3-31-92

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
SJRWMD	L-0497	0	-	285226	814926	195	-	2	PLUGGED 3-31-92
SJRWMD	L-0498	0	-	285226	814926	19	-	6	PLUGGED 3-31-92
SJRWMD	L-0608	0	-	285423	814632	186	80	4	PLUGGED 9-15-92
SJRWMD	L-0298	0	-	284125	814234	20	-	2	PLUGGED 4-12-90
SJRWMD	L-0299	0	-	283940	814202	30	-	2	PLUGGED 4-23-90
SJRWMD	L-0163	0	-	283946	814123	236	-	6	PLUGGED 4-30-90
SJRWMD	L-0291	50	116	284005	814139	100	-	2	PLUGGED 4-24-90
SJRWMD	L-0292	0	-	283948	814138	142	90	6	PLUGGED 4-25-90
SJRWMD	L-0295	0	-	284024	814232	47	-	2	PLUGGED 4-12-90
SJRWMD	L-0297	0	-	284117	814230	230	-	4	PLUGGED 4-16-90
USDA FOREST SERVICE	L-0450	0	-	290040	813554	-	-	1.25	PLUGGED 6-11-91
USDA FOREST SERVICE	L-0449	0	-	290030	813536	-	-	2	PLUGGED 6-11-91
USDA FOREST SERVICE	L-0439	0	-	290752	813711	-	-	2	PLUGGED 5-30-91
USDA FOREST SERVICE	L-0440	0	-	290148	812607	142	-	1.4	PLUGGED 5-29-91
USDA FOREST SERVICE	L-0444	0	-	285829	813738	175	-	4	PLUGGED 5-30-91
USDA FOREST SERVICE	L-0447	0	-	290030	813538	-	-	2	PLUGGED 6-11-91
USDA FOREST SERVICE	L-0448	0	-	290030	813536	-	-	1.4	PLUGGED 6-11-91
USDA FOREST SERVICE	L-0060	10	210	290031	812328	126	-	6	PLUGGED 5-29-91
TOTAL	35	110							
MARION COUNTY									
HASTINGS & GREEN	M-0043	-	-	292349	820526	-	-	6	PRIOR TO 1988
SJRWMD	M-0233	0	15	290038	814919	340	-	8	PLUGGED 5-17-90
SJRWMD	M-0238	0	-	290116	815011	494	160	8	PLUGGED 5-3-90
SJRWMD	M-0336	75	6	290620	815530	120	-	4	PLUGGED 9-9-92
SJRWMD	M-0331	250	3	290512	815423	200	-	8	PLUGGED 9-9-92
SJRWMD	M-0237	0	-	290213	815048	341	-	8	PLUGGED 5-8-90
SJRWMD	M-0236	0	-	290342	815121	281	74	8	PLUGGED 5-8-90
USDA FOREST SERVICE	M-0279	0	-	285957	814642	406	-	6	PLUGGED 6-3-91
USDA FOREST SERVICE	M-0278	0	-	290022	814033	-	-	36	PLUGGED 6-4-91
USDA FOREST SERVICE	M-0265	0	-	291656	815227	160	-	6	PLUGGED 6-10-91
USDA FOREST SERVICE	M-0267	20	176	292056	814339	43	-	2	PLUGGED 4-8-91
USDA FOREST SERVICE	M-0263	0	-	291433	815653	32	-	2	PLUGGED 4-8-91
USDA FOREST SERVICE	M-0280	0	-	285923	814514	-	-	1.5	PLUGGED 6-3-91
USDA FOREST SERVICE	M-0281	0	-	291031	815217	130	-	4	PLUGGED 6-5-91
USDA FOREST SERVICE	M-0283	0	-	292117	815107	-	-	6	PLUGGED 8-13-92

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
USDA FOREST SERVICE	M-0330	0	-	291513	815155	25	-	1.5	PLUGGED 8-12-92
USDA FOREST SERVICE	M-0264	0	-	293015	815320	90	-	6	PLUGGED 4-11-91
USDA FOREST SERVICE	M-0268	0	-	292051	814358	32	-	1.5	PLUGGED 4-8-91
USDA FOREST SERVICE	M-0262	0	-	292056	814352	76	-	2	PLUGGED 4-8-91
USDA FOREST SERVICE	M-0224	0	-	291758	813943	-	-	4	PLUGGED 4-10-90
USDA FOREST SERVICE	M-0244	0	-	291307	813934	52	-	4	PLUGGED 5-22-90
USDA FOREST SERVICE	M-0220	50	257	292053	813934	143	124	4	PLUGGED 4-4-90
USDA FOREST SERVICE	M-0221	0	-	292116	814406	91	90	4	PLUGGED 4-9-90
USDA FOREST SERVICE	M-0222	0	99	292131	814406	126	62	4	PLUGGED 4-5-90
USDA FOREST SERVICE	M-0223	0	-	292130	814406	187	-	2	PLUGGED 4-9-90
USDA FOREST SERVICE	M-0261	0	-	292053	814349	45	-	2	PLUGGED 4-8-91
USDA FOREST SERVICE	M-0259	0	-	292050	814405	75	-	2	PLUGGED 4-8-91
USDA FOREST SERVICE	M-0245	0	-	291309	813936	176	40	4	PLUGGED 5-24-90
USDA FOREST SERVICE	M-0256	0	-	292052	814358	20	-	1.5	PLUGGED 4-8-91
USDA FOREST SERVICE	M-0257	0	-	292055	814400	62	-	2.5	PLUGGED 4-8-91
USDA FOREST SERVICE	M-0218	0	-	291951	814428	-	-	2	PLUGGED 4-10-90
USDA FOREST SERVICE	M-0344	0	-	291218	815621	170	-	6	PLUGGED 8-12-92
TOTAL	32	395							
NASSAU COUNTY									
SJRWMD	N-0190	0	-	303823	812733	1020	565	12	RECONSTRUCTED 10-23-91
TOTAL	1	0							
ORANGE COUNTY									
MOLITOR, ROGER	OR0513	0	-	283243	812809	384	118	8	PLUGGED 9-29-92
SJRWMD	OR0466	75	-	283407	805943	-	-	3	PLUGGED 9-27-88
TOTAL	2	75							
OSCEOLA COUNTY									
SJRWMD	OS0011	1	-	280624	805542	90	-	2	PLUGGED 10-11-89
SJRWMD	OS0013	0	-	280502	805712	-	-	1	PLUGGED 10-11-89
SJRWMD	OS0034	0	-	280502	805713	-	-	2	PLUGGED 10-11-89
TOTAL	3	1							
PITNAM COUNTY									
1ST PRESBYTERIAN CH	P-0121	10	188	293842	813751	186	-	3	PLUGGED 8-27-91
1ST PRESBYTERIAN CH	P-0122	10	191	293842	813751	203	-	3	PLUGGED 8-27-91
CORPS OF ENGINEERS	P-0119	20	196	293317	814308	-	-	3	PLUGGED 4-9-91
CORPS OF ENGINEERS	P-0120	25	197	293320	814256	-	-	3	PLUGGED 4-9-91

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
CORPS OF ENGINEERS	P-0306	5	4	293300	815239	189	105	8	VALVED 1990
JONES, EVELYN	P-0722	150	-	294250	813529	-	-	4	PLUGGED 8-27-91
PUTNAM COUNTY	P-0697	20	153	293837	813522	-	-	4	PLUGGED 8-26-91
USDA FOREST SERVICE	P-0117	0	-	292943	815033	157	142	4	PLUGGED 5-30-90
USDA FOREST SERVICE	P-0118	0	-	292943	815033	146	90	6	PLUGGED 5-29-90
TOTAL	9	240							
ST. JOHNS COUNTY									
AREC	SJ0682	-	-	294318	812942	-	-	6	PLUGGED 9-19-88
BULLS-HIT RCH & FARM	SJ0562	1	-	294107	813048	120	-	3	PLUGGED 6-10-86
BULLS-HIT RCH & FARM	SJ0561	250	641	294155	813315	240	-	8	BACK PLUGGED
CITY OF ST AUGUSTINE	SJ0213	200	80	295307	811716	300	225	10	PLUGGED 3-28-89
DNR	SJ0180	50	59	295458	811818	186	-	2	PLUGGED 4-25-91
DOT	SJ0237	100	504	294050	812815	160	-	4	PLUGGED 4-23-91
DRYSDALE	SJ0512	500	1600	294923	811623	-	-	6	PLUGGED 4-4-89
FEC RAILWAY CORP	SJ0235	25	146	295333	811933	-	-	2	PLUGGED 4-29-91
GORDON-MILLS, R.	SJ0748	75	377	295321	811851	220	-	4	PLUGGED 5-21-92
GRIFFIN, JOHN	SJ0225	620	-	294811	811628	-	-	6	PLUGGED 7-17-90
JOHNS, DANNY	SJ0600	-	-	294024	812957	408	110	4	RECONSTRUCTED
MCCOOK, MARY	SJ0024	120	147	295327	811929	250	-	4	PLUGGED 3-25-86
MILLER, TOMMY	SJ0597	-	1871	294053	812842	395	104	6	RECONSTRUCTED
NORTHWEST UTILI ONE	SJ0713	0	-	295749	813147	62	-	4	PLUGGED 8-18-92
NORTHWEST UTILI ONE	SJ0712	0	-	295749	813147	62	-	4	PLUGGED 8-18-92
NORTHWEST UTILI ONE	SJ0714	150	-	295801	813052	340	-	4	PLUGGED 8-17-92
NORTHWEST UTILI ONE	SJ0759	500	21	295821	813122	211	189	6	PLUGGED 8-19-92
NORTHWEST UTILI ONE	SJ0044	300	-	295815	813107	397	187	6	PLUGGED 8-17-92
NORTHWEST UTILI ONE	SJ0175	800	25	295817	813048	385	167	6	PLUGGED 8-19-92
NORTHWEST UTILI ONE	SJ0045	1000	-	295802	813148	213	186	8	PLUGGED 8-19-92
NORTHWEST UTILI ONE	SJ0048	1275	19	295749	813147	62	190	8	PLUGGED 8-18-92
NORTHWEST UTILI TWO	SJ0757	0	-	295834	812831	58	-	4	PLUGGED 8-18-92
NORTHWEST UTILI TWO	SJ0758	100	23	295834	812832	500	-	4	PLUGGED 8-19-92
SINGLETON, JAMES	SJ0564	-	418	293928	812958	256	76	3	PLUGGED 6-4-86
SMITH, ROCKY	SJ0699	50	146	295405	811953	-	-	4	PLUGGED 5-21-92
STONE, JOHN	SJ0038	-	-	294212	813020	510	122	6	ASCS, PRIOR TO 1988
WETUMPKA FRUIT CO	SJ0522	310	2068	294137	812936	510	60	6	PLUGGED 5-28-86
WETUMPKA FRUIT CO	SJ0527	130	-	294131	812943	-	-	6	PLUGGED 6-9-86

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
WETUMPKA FRUIT CO	SJ0528	-	-	294050	812944	-	-	6	PLUGGED 1986
WETUMPKA FRUIT CO	SJ0523	100	1740	294134	812936	524	51	6	PLUGGED 5-22-86
WETUMPKA FRUIT CO	SJ0524	135	5860	294136	812936	516	55	6	PLUGGED 5-21-86
WETUMPKA FRUIT CO	SJ0525	130	1960	294129	812936	503	60	6	PLUGGED 5-30-86
WETUMPKA FRUIT CO	SJ0526	130	1250	294126	812936	484	81	6	PLUGGED 6-9-86
TOTAL	33	7051							
SEMINOLE COUNTY									
BASS	S-0610	0	-	284902	811908	-	-	2	VALVED 8-9-89
BASS	S-0587	0	27	284916	811913	-	-	3	VALVED 8-10-89
BASS	S-0275	0	16	284916	811908	-	-	2	VALVED 8-10-89
BASS	S-0591	0	14	284907	811912	-	-	2.5	VALVED 8-10-89
BASS	S-0590	0	17	284908	811912	-	-	3	VALVED 8-10-89
BASS	S-0585	0	28	284922	811909	-	-	2.5	VALVED 8-9-89
BASS	S-0588	0	13	284908	811915	-	-	3	VALVED 8-10-89
BASS	S-0589	0	16	284908	811912	-	-	2	VALVED 8-10-89
BASS	S-0586	0	19	284914	811912	-	-	3.5	VALVED 8-10-89
BASS	S-0604	0	-	284924	811917	-	-	2	VALVED 8-9-89
BASS	S-0606	0	-	284914	811908	-	-	4	VALVED 8-10-89
BASS	S-0276	0	24	284915	811908	-	-	3	VALVED 8-10-89
BASS	S-0608	0	-	284906	811908	-	-	2	VALVED 8-9-89
BASS	S-0607	0	-	284911	811908	-	-	4	VALVED 8-10-89
BASS	S-0603	0	-	284926	811916	-	-	4	VALVED 8-9-89
BASS	S-0609	0	-	284904	811908	-	-	2	VALVED 8-9-89
BASS	S-0602	0	-	284928	811916	-	-	2	VALVED 8-6-89
BASS	S-0605	0	-	284918	811908	-	-	3	VALVED 8-10-89
BROWN, GEORGE	S-0728	5	-	284804	811332	-	-	3	VALVED 3-15-89
BROWN, GEORGE	S-0669	35	516	284812	811333	-	-	2	PLUGGED 3-15-89
CITY OF OVIEDO	S-0541	250	22	283917	811326	100	42	4	PLUGGED 9-29-92
EUROFUND	S-0530	100	857	284851	811725	-	-	2	PLUGGED 8-16-89
EUROFUND	S-0529	50	906	284853	811725	-	-	4	PLUGGED 8-16-89
EUROFUND	S-0526	50	1000	284901	811725	-	-	3	PLUGGED 10-10-89
EUROFUND	S-0271	75	833	284852	811725	-	-	2	PLUGGED 8-16-90
EUROFUND	S-0270	75	-	284850	811726	-	-	4	PLUGGED 10-10-89
FLORIDA GAME & FISH	S-0054	-	1625	284310	811017	123	108	4	PLUGGED 9-23-87
FLORIDA GAME & FISH	S-0105	-	-	284310	811020	120	-	3	PLUGGED 9-23-87
FLORIDA GAME & FISH	S-0055	10	1740	284310	811015	130	77	4	PLUGGED 9-22-87

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
FLORIDA GAME & FISH	S-0084	-	-	284302	811016	68	68	3	PLUGGED 9-23-87
FLORIDA GAME & FISH	S-0053	-	1700	284310	811019	115	-	3	PLUGGED 9-22-87
FLORIDA GAME & FISH	S-0052	-	1650	284306	811015	102	-	4	PLUGGED 9-23-87
FLORIDA GAME & FISH	S-0051	10	1555	284306	811017	122	119	4	PLUGGED 9-23-87
FLORIDA GAME & FISH	S-0050	55	1850	284306	811019	102	62	4	PLUGGED 9-22-87
KIRCHHOFF, BILL	S-0564	0	317	284909	811800	-	-	2	VALVED 8-17-89
KIRCHHOFF, BILL	S-0561	-	418	284904	811804	-	-	3	VALVED 1989
KIRCHHOFF, BILL	S-0567	0	-	284837	811556	-	-	0	VALVED 8-17-89
KIRCHHOFF, BILL	S-0563	-	306	284907	811801	-	-	3	VALVED 1989
KIRCHHOFF, BILL	S-0555	0	-	284903	811812	-	-	1.5	VALVED 8-17-89
LEFFLER, VINCENT	S-0629	0	-	284215	811705	-	-	2	VALVED 8-14-89
LEFFLER, VINCENT	S-0626	0	-	284225	811704	-	-	2	VALVED 8-14-89
LEFFLER, VINCENT	S-0625	50	9	284226	811655	-	-	2	PLUGGED 8-15-89
LEFFLER, VINCENT	S-0624	0	-	284226	811652	-	-	2	VALVED 8-14-89
LEFFLER, VINCENT	S-0616	0	-	284232	811725	-	-	2	VALVED 8-14-89
LEFFLER, VINCENT	S-0618	0	-	284232	811647	-	-	2	VALVED 8-14-89
LEFFLER, VINCENT	S-0623	0	-	284226	811651	-	-	2	VALVED 8-14-89
LEFFLER, VINCENT	S-0622	0	-	284227	811645	-	-	2	VALVED 8-15-89
LEFFLER, VINCENT	S-0615	0	-	284226	811714	-	-	3	VALVED 8-15-89
LEFFLER, VINCENT	S-0627	0	-	284225	811713	-	-	2	VALVED 8-14-89
LEFFLER, VINCENT	S-0620	0	-	284228	811646	-	-	2	VALVED 8-15-89
LEFFLER, VINCENT	S-0628	0	-	284226	811714	-	-	3	VALVED 8-14-89
LEFFLER, VINCENT	S-0785	50	10	284226	811653	-	-	2	PLUGGED 8-15-89
LEFFLER, VINCENT	S-0621	0	-	284228	811644	-	-	2	VALVED 8-15-89
LEFFLER, VINCENT	S-0729	75	-	284226	811654	-	-	2	VALVED 8-15-89
MERIWETHER	S-0572	0	-	284746	811330	-	-	0	VALVED 8-8-89
MERIWETHER	S-0277	0	802	284756	811326	-	-	2	VALVED 8-7-89
MERIWETHER	S-0278	0	762	284749	811330	-	-	2	VALVED 8-8-89
MERIWETHER	S-0570	0	-	284759	811330	-	-	2.5	VALVED 8-8-89
MERIWETHER	S-0567	0	-	284801	811330	-	-	1.5	VALVED 8-8-89
MERIWETHER	S-0576	0	532	284756	811326	-	-	3	VALVED 8-8-89
MERIWETHER	S-0568	0	549	284758	811330	-	-	2	VALVED 8-8-89
MERIWETHER	S-0569	0	-	284800	811330	-	-	0	VALVED 8-8-89
MERIWETHER	S-0573	0	521	284752	811326	-	-	2	VALVED 8-8-89
MERIWETHER	S-0577	0	969	284758	811336	-	-	2.5	VALVED 8-9-89

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
MERIWETHER	S-0575	0	-	284755	811328	-	-	3	VALVED 8-8-89
MERIWETHER	S-0571	0	-	284753	811330	-	-	0	VALVED 8-7-89
MERIWETHER, W.	S-0664	75	-	284814	811309	-	-	4	VALVED 8-26-92
MERIWETHER, W.	S-0662	25	-	284811	811315	-	-	2	VALVED 8-26-92
MERIWETHER, W.	S-0663	100	-	284811	811314	-	-	4	VALVED 8-26-92
MERIWETHER, W.	S-0979	25	-	284808	811323	-	-	2	VALVED 8-26-92
MERIWETHER, W.	S-0978	25	-	284820	811314	-	-	3	VALVED 8-26-92
MERIWETHER, W.	S-0665	25	-	284812	811311	-	-	3	VALVED 8-26-92
MERIWETHER, W.	S-0666	25	-	284809	811213	-	-	1.5	VALVED 8-26-92
MERIWETHER, W.	S-0661	25	-	284809	811210	-	-	2	PLUGGED 8-26-92
MIRANDA HOMES	S-0801	45	-	284915	811918	-	-	2	PLUGGED 3-20-89
MIRANDA HOMES	S-0730	40	-	284916	811916	-	-	2	VALVED 3-20-89
NEW TRIBES MISSION	S-0512	0	-	284800	811452	-	-	3	PLUGGED 3-9-89
NEW TRIBES MISSION	S-0727	0	-	284752	811448	-	-	2	PLUGGED 3-13-89
NEW TRIBES MISSION	S-0509	0	377	284756	811453	-	-	1	PLUGGED 3-13-89
NEW TRIBES MISSION	S-0792	0	-	284753	811458	350	-	3	PLUGGED 5-8-91
NEW TRIBES MISSION	S-0511	50	383	284801	811452	-	-	2.5	PLUGGED 3-9-89
NEW TRIBES MISSION	S-0728	0	377	284759	811454	-	-	2	PLUGGED 3-13-89
NEW TRIBES MISSION	S-0508	0	-	284751	811456	-	-	4	PLUGGED 3-13-89
NEW TRIBES MISSION	S-0510	0	374	284757	811452	-	-	2	PLUGGED 3-13-89
NEW TRIBES MISSION	S-0517	10	432	284753	811448	-	-	3	PLUGGED 3-13-89
SAN FLA INV LTD	S-0542	50	396	284855	811814	-	-	3	PLUGGED 3-7-89
SCHUMACHER, HENRY	S-0805	100	-	284415	811517	130	-	3	PLUGGED 5-1-91
SCHUMACHER, HENRY	S-0806	50	904	284421	811517	-	-	2	PLUGGED 5-1-91
SCHUMACHER, HENRY	S-0802	75	1020	284412	811511	150	-	2	PLUGGED 5-1-91
SCHUMACHER, HENRY	S-0804	50	880	284424	811507	150	-	2.5	PLUGGED 5-1-91
SCHUMACHER, HENRY	S-0807	50	976	284424	811518	130	-	2	PLUGGED 5-1-91
SCHUMACHER, HENRY	S-0803	125	968	284417	811511	150	-	4	PLUGGED 5-1-91
SCHUMACHER, HENRY	S-0796	150	1090	284420	811456	130	-	3	PLUGGED 5-7-91
SCHUMACHER, HENRY	S-0800	75	1100	284421	811507	150	-	2	PLUGGED 5-1-91
SCHUMACHER, HENRY	S-0808	0	1020	284426	811508	-	-	0	PLUGGED 5-1-91
SCHUMACHER, HENRY	S-0797	75	976	284422	811455	140	-	2	PLUGGED 5-1-91
SCHUMACHER, HENRY	S-0801	100	880	284411	811517	120	-	3	PLUGGED 5-1-91
SCHUMACHER, HENRY	S-0799	100	1030	284419	811507	110	-	3	PLUGGED 5-1-91
SCHUMACHER, HENRY	S-0798	50	1060	284417	811505	110	-	3	PLUGGED 5-1-91
SEMINOLE CNTY RD DEP	S-0547	100	50	283918	811253	-	-	4.5	PLUGGED 3-8-89

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
SEMINOLE CNTY RD DEP	S-0634	5	-	284911	811923	-	-	0	PLUGGED 3-7-89
SEMINOLE CNTY RD DEP	S-0540	125	38	283918	811321	-	-	4	PLUGGED 3-8-89
SEMINOLE COUNTY	S-0632	0	-	284836	811952	-	-	2	PLUGGED 6-7-91
SEMINOLE COUNTY	S-0554	0	-	284856	811823	120	-	2	PLUGGED 6-7-91
SEMINOLE COUNTY	S-0789	25	24	284917	811937	130	-	2	PLUGGED 6-7-91
SEMINOLE COUNTY	S-0631	10	-	284838	811953	-	-	2	PLUGGED 6-7-91
SEMINOLE COUNTY DOT	S-0726	200	39	283918	811323	-	-	4	PLUGGED 3-8-89
SEMINOLE COUNTY DOT	S-0524	-	-	284748	811322	-	-	0	PLUGGED 3-15-89
SEMINOLE COUNTY DOT	S-0535	50	618	284448	811552	-	-	3	PLUGGED 3-21-89
SEMINOLE COUNTY DOT	S-0274	25	-	284450	811552	-	-	3	PLUGGED 3-21-89
SMITH, WHARTON	S-0731	20	-	284920	811926	-	-	2	VALVED 3-24-89
SMITH, WHARTON	S-0732	100	-	284920	811925	130	-	3	VALVED 3-20-89
SMITH, WHARTON	S-0733	10	-	284920	811924	-	-	2	VALVED 3-20-89
SNYDER	S-0060	0	-	284333	811633	-	-	2	VALVED 5-1991
SR 46 RIGHT OF WAY	S-0599	20	97	284839	811825	-	-	3	PLUGGED 3-7-89
STENSTROM	S-0580	0	-	284747	811335	-	-	3	VALVED 8-9-89
STENSTROM	S-0579	0	-	284748	811334	-	-	3.5	VALVED 8-9-89
STENSTROM	S-0578	0	-	284749	811332	-	-	0	VALVED 8-9-89
STENSTROM	S-0581	0	936	284745	811336	-	-	3	VALVED 8-9-89
U OF FLA IFAS	S-0501	75	494	284809	811400	-	-	0.75	PLUGGED 3-23-89
U OF FLA IFAS	S-0502	50	505	284809	811400	-	-	3	PLUGGED 3-23-89
U OF FLA IFAS	S-0506	0	426	284754	811405	-	-	2	PLUGGED 3-16-89
U OF FLA IFAS	S-0507	40	445	284804	811405	-	-	2	PLUGGED 3-16-89
U OF FLA IFAS	S-0500	0	-	284807	811400	-	-	2	PLUGGED 3-23-89
UNDETERMINED	S-0636	10	-	284934	811923	-	-	1	PLUGGED 3-20-89
VINCENT, LEFFLER	S-0279	0	-	284226	811646	-	-	2	VALVED 8-14-89
VINCENT, LEFFLER	S-0280	0	-	284226	811644	-	-	2	VALVED 8-15-89
VINCENT, LEFFLER	S-0281	0	-	284226	811643	-	-	2	VALVED 8-15-89
WALLS, PAT JO	S-0056	-	580	284853	811737	-	-	3	PLUGGED 3-88
WALLS, PAT JO	S-0204	-	-	284854	811739	-	-	3	PLUGGED 1988
WALLS, PAT JO	S-0205	-	-	284847	811736	-	-	3	PLUGGED 3-88
WATSON, JOE	S-0641	0	-	284734	811342	-	-	2	VALVED 3-14-89
WATSON, JOE	S-0644	0	-	284733	811319	-	-	4	VALVED 3-14-89
WATSON, JOE	S-0650	0	-	284748	811254	-	-	4	VALVED 3-15-89
WATSON, JOE	S-0647	0	-	284734	811255	-	-	2	VALVED 3-16-89

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
WATSON, JOE	S-0642	0	-	284731	811315	-	-	4	VALVED 3-14-89
WATSON, JOE	S-0643	0	-	284735	811321	-	-	3	VALVED 3-14-89
WATSON, JOE	S-0649	0	-	284744	811252	-	-	2	VALVED 3-16-89
WATSON, JOE	S-0640	0	-	284735	811342	-	-	3	VALVED 3-19-89
WATSON, JOE	S-0645	0	-	284724	811300	-	-	4	VALVED 3-15-89
WATSON, JOE	S-0648	0	-	282744	811252	-	-	3	VALVED 3-15-89
WATSON, JOE	S-0646	0	-	284734	811257	-	-	3	VALVED 3-16-89
WATSON, JOE	S-0264	0	-	284745	811254	-	-	2	VALVED 3-16-89
WATSON, JOE	S-0263	0	-	284744	811250	-	-	2	VALVED 3-16-89
WATSON, JOE	S-0262	0	-	284734	811256	-	-	2	VALVED 3-16-89
WATSON, JOE	S-0265	0	-	284745	811260	-	-	2	VALVED 3-16-89
WATSON, JOE	S-0651	0	600	284750	811256	-	-	2	VALVED 3-15-89
TOTAL	147	3275							
VOLUSIA COUNTY									
FERRELL, JOHN	V-0201	-	228	290148	805728	-	-	6	VALVED 9-23-88
FREEMAN, JAMES	V-0561	25	768	285346	805119	140	-	4	PLUGGED 12-18-91
FREEMAN, JAMES	V-0560	30	1200	285344	805120	130	-	4	PLUGGED 12-18-91
GRAY, CHARLES	V-0564	200	812	285146	811843	150	-	4	RECONSTRUCTED 9-17-91
LAWERENCE FARMS, INC	V-0058	75	3780	290752	812109	-	-	8	PLUGGED 1985
LAWERENCE FARMS, INC	V-0052	30	1040	290748	812109	-	-	8	
LAWERENCE FARMS, INC	V-0053	30	1700	290746	812109	-	-	8	PLUGGED 2-13-85
L. WOODRUFF WILDLIFE	V-0054	25	83	280324	812222	-	-	3	PLUGGED 2-14-85
RICH, A.	V-0159	50	490	285645	805235	125	-	6	PLUGGED 9-19-85
SAMS, MURRY	V-0057	300	912	290805	812156	85	30	12	PLUGGED 9-5-91
SAMS, MURRY	V-0055	500	1100	290805	812153	165	-	12	PLUGGED 9-10-91
SJRWMD	V-0200	290	26490	291031	805904	159	99	4	RECONSTRUCTED 1986
SJRWMD	V-0508	-	4430	290103	805519	210	170	3	RECONSTRUCTED 9-20-87
SJRWMD	V-0615	25	5500	284028	805835	-	-	4	CAPPED 8-25-92
TRADERS COVE CORP	V-0554	30	1690	285245	812143	120	-	2	PLUGGED 8-30-90
UNION BAG	V-0154	25	3460	291543	813206	116	90	2	PLUGGED 1985
WILLIAMS, OZELL	V-0500	-	-	291442	810253	139	-	2	PLUGGED 5-26-92
TOTAL	17	1635							
GRAND TOTAL	177	87721							

**INVENTORY OF FREE-FLOWING WELLS IN THE
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
AS OF SEPTEMBER 30, 1992
(see page 92 for key to column headings)**

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
BAKER COUNTY									
JACOBS, J.R.	BA0099	-	-	301733	820338	570	100	4	
TOTAL	1	0							
BREVARD COUNTY									
ALLEN, J.L.	BR1187	-	588	275539	803140	475	-	2	
AMER DIVERS INT'L	BR1009	-	-	282208	804204	-	-	3	
ATLANTIC RIDGE CORP	BR1115	-	-	275613	803401	-	-	6	
ATLANTIC RIDGE CORP	BR1082	-	850	275501	803559	400	-	4	
ATLANTIC RIDGE CORP	BR1083	-	800	275513	803359	-	-	6	
ATLANTIC RIDGE CORP	BR1080	-	650	275528	803242	-	-	6	
ATLANTIC RIDGE CORP	BR1084	-	650	275506	803349	-	-	6	
ATLANTIC RIDGE CORP	BR1186	-	-	275528	803235	505	104	6	
ATLANTIC RIDGE CORP	BR1114	-	-	275554	803414	450	-	8	
ATLANTIC RIDGE CORP	BR1081	-	850	275656	803510	-	-	4	
ATLANTIC RIDGE CORP	BR1075	-	678	275525	803335	-	-	4	
ATLANTIC RIDGE CORP	BR1113	-	-	275639	803403	-	-	6	
ATLANTIC RIDGE CORP	BR1112	-	-	275542	803450	-	-	1.25	
A. DUDA & SONS	BR1054	-	592	281215	804526	300	-	4	
BEVAN, CHARLES	BR1008	-	-	280415	804142	175	-	2	
BOY SCOUTS-ORLANDO	BR0100	-	765	275719	803513	-	-	4	
BREVARD CITY PARK	BR0527	-	-	282620	804140	-	-	4	
BREVARD CO MC	BR1119	-	205	275325	802807	-	-	4	
BREVARD CO MC	BR1130	-	-	275712	803023	-	-	4	
BREVARD CO MC	BR1129	-	1110	282213	804102	-	-	4	
BREVARD CO MC	BR1253	-	404	275819	803059	-	-	4	
BREVARD CO MC	BR1123	-	-	275732	803055	-	-	4	
BREVARD CO MC	BR0391	50	1130	281921	804053	-	-	4	
BREVARD CO MC	BR0079	190	210	275206	802725	468	-	4	
BREVARD CO MC	BR0092	-	476	275602	803022	387	-	4	
BREVARD CO MC	BR1254	-	-	275428	802809	-	-	4	
BREVARD CO MC	BR0219	-	2876	282643	804315	-	-	4	
BREVARD CO MC	BR1124	-	-	275720	803033	-	-	4	
BREVARD CO MC	BR0389	-	1430	281816	804024	-	-	6	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
BREVARD CO MC	BR1127	-	267	275330	802807	-	-	4	
BREVARD CO MC	BR0094	-	581	275735	803048	-	-	4	
BREVARD CO MC	BR0412	-	524	280053	803214	-	-	3	
BREVARD CO MC	BR1122	-	-	275808	803054	300	-	3	
BREVARD CO SCHOOL	BR1137	-	-	281831	804450	-	-	4	
BREVARD COUNTY	BR1111	-	-	280716	804237	-	-	4	
BREWER, EDMUND	BR1233	-	-	282349	804744	-	-	2	
CARD, ANITA	BR0978	-	975	282044	803624	-	-	2	
CARD, ANITA	BR0981	-	-	282044	803633	-	-	2	
CAVALIER GROVES	BR0558	-	-	275252	803748	680	-	8	
CAVALIER GROVES	BR0555	-	775	275252	803948	680	-	6	CANNOT LOCATE
CITY OF EAU GALLIE	BR0693	-	-	281018	803947	-	-	3	
CITY OF MELBOURNE	BR0692	-	-	280810	803546	-	-	2	
CITY OF MELBOURNE	BR0685	-	-	280502	803653	35	-	2	
CITY OF MELBOURNE	BR0691	-	-	280744	803848	45	33	6	
CITY OF MELBOURNE	BR0690	-	-	280750	803848	65	46	6	
CMC MANAGEMENT CO	BR1138	-	-	275130	804024	-	-	4	
CMC MANAGEMENT CO	BR1125	-	-	275125	804020	-	-	4	
CMC MANAGEMENT CO	BR1121	-	660	275056	804002	-	-	4	
CORRIGAN	BR0246	-	538	274933	803518	-	-	2	
CREEK ASSOCIATES	BR1012	-	-	275211	803549	-	-	6	
CRISAFULL, C.	BR0242	25	1887	282624	804248	-	-	4	
DEER RUN	BR1244	-	-	275232	803853	399	-	6	
DEER RUN	BR0247	10	725	275226	803823	-	-	2	CANNOT LOCATE
DICKINSON, LOUIS	BR0954	-	-	280933	803845	-	-	2	
DOT	BR0991	-	-	275028	803012	-	-	0	
FISH & WILDLIFE	BR0986	-	-	283018	804116	-	-	0	
FLA. ST. MATHERS BRD.	BR0379	-	-	280857	803624	-	-	2	
FLEENER, BOB	BR1053	-	-	280107	803247	-	-	2	
GDC	BR0267	-	748	275746	804116	299	-	3	
GDC	BR1002	-	578	275656	804121	418	-	6	
GREER H HYLTO	BR1241	55	1400	280220	804123	-	-	4	
GULF WESTERN	BR1139	-	750	274931	804259	-	-	4	
HALL, JAMES	BR1047	-	-	282003	804152	-	-	2	
HARDY, BILL	BR0949	-	-	282212	804148	-	-	2.5	
HEARD, WADE	BR1039	-	-	281211	803813	-	-	4	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
HEARD, WADE	BR1038	-	-	281212	803817	-	-	2.5	
HOLMES, ALLEN	BR1263	-	-	282343	804228	-	-	2	
HONIKEL, IRENE	BR1184	-	-	282404	804205	-	-	2	
KEES, ERNEST	BR1183	-	-	282404	804206	125	-	2	
KEMPHER	BR0228	20	223	280443	805032	295	-	4	
KEMPHER	BR0229	83	387	280457	805018	-	-	4	
KIRBY KEY	BR0999	-	2910	283137	804234	-	-	4	
KIRSEHNER, NEAL	BR0970	-	-	280422	803604	-	-	2	
LA TURE	BR0392	42	1176	281605	804013	-	-	2	
LAMONTAGNE, ARTHUR	BR1077	-	-	280756	803858	-	-	2	
LEEK, GRANT	BR0960	-	768	280448	803824	-	-	2	
LEE, LULA	BR0705	4	133	280349	803559	-	-	2	
LEON GROVE	BR0998	-	660	275330	803813	-	-	8	
LONE CABBAGE CAMP	BR0204	100	2071	282207	805218	-	-	2	
MCCOOL, JACK	BR1042	-	-	275957	803510	-	-	5	
MCCREARY, CHARLES	BR1078	-	-	282447	804232	-	-	2	
MCDONALD	BR0977	-	-	281939	803935	-	-	2	
MELBOURNE COUNTRY CL	BR0684	-	-	280440	803742	-	-	2	
MELBOURNE COUNTRY CL	BR0682	-	-	280440	803742	120	-	0	
MELBOURNE COUNTRY CL	BR0683	-	-	280440	803742	10	-	0	
MOELLER, MARGARET	BR1016	-	-	281915	804112	-	-	2	
MORRIS, PAUL	BR1101	-	-	282045	804633	-	-	6	
NASA	BR1066	-	-	282924	804056	-	-	6	
NASA	BR0615	-	-	283130	804033	-	-	3	
NASA	BR0613	-	1410	283037	804027	-	-	3	
NASA	BR0605	-	1440	282737	804013	-	-	4	
NASA	BR0616	-	1890	283135	804117	-	-	6	
NASA	BR0618	-	-	283238	804027	-	-	4	
NASA	BR0619	-	-	283404	803946	-	-	4	
NASA	BR0612	-	-	283001	804120	-	-	6	
NINOS, TONY	BR0957	-	687	282103	804323	-	-	6	
NORRIS CATTLE CO.	BR0408	-	1725	283655	805750	-	-	1	
PATRICK AFB	BR0597	-	687	282621	803559	-	-	4	
PATRICK AFB	BR0673	358	1080	281116	803602	444	94	4	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
PATRICK AFB	BR0671	388	1590	281117	803558	483	94	4	
PATRICK AFB	BR0675	316	900	281115	803551	444	95	4	
PATRICK AFB	BR0674	358	1130	281112	803600	501	94	4	
PATRICK AFB	BR0672	191	1380	281119	803609	330	105	3	
PATRICK AFB	BR1004	-	691	282508	803612	-	-	4	
PATRICK AFB	BR1003	-	725	283428	803447	-	-	0	
PATRICK AFB	BR0676	191	620	281117	803549	355	105	3	
PATRICK AFB	BR0670	210	1240	281121	803558	297	94	3	
PATRICK AFB	BR0599	-	609	282732	803550	-	-	4	
PATRICK AFB	BR1034	-	630	280130	804112	-	-	2	
PATRICK AFB	BR0697	-	-	282654	803551	-	-	6	
PATRICK AFB	BR1005	-	503	282904	803518	-	-	4	
PATRICK AFB	BR0596	-	637	282528	803611	-	-	4	
PAULIN, AL	BR1052	-	-	282229	804133	-	-	2	
PAVLAKOS, ANDREW	BR1025	-	-	280202	803256	325	-	3	
PETERSON, MARGARET	BR1061	-	-	281659	804025	-	-	2	
PETRIE, GUY	BR1146	-	-	280226	803453	-	-	4	
PLATT, CECIL	BR0372	2	488	280445	804233	-	-	8	
POE, LURA C.	BR1236	-	-	283935	804024	-	-	6	
PORCHER	BR0556	-	3900	282815	804304	-	-	3	
POTEET	BR0421	9	180	275045	804946	284	-	6	
PULLEN	BR0380	-	1042	281332	803854	-	-	2	
QUACK, DONALD	BR1056	-	-	280350	803738	-	-	2	
QUARBURG	BR0420	5.2	41	274959	805039	-	-	6	
RAMSHUR	BR1234	350	2789	282640	804315	-	-	4	
SADOFF, MILTON	BR1240	25	531	282025	804522	-	-	4	
SAGER, ALFRIEDA	BR1264	-	1370	280921	803545	-	-	2	
SARTORI, JIM	BR1022	-	660	275207	804245	-	-	3	
SEIB GROVE	BR0251	-	785	275332	803739	-	-	4	
SJRWMD	BR0831	-	-	275245	804740	-	-	6	
SJRWMD	BR0830	-	-	275254	804812	-	-	6	
SJRWMD	BR0818	-	-	275301	804914	-	-	8	
SJRWMD	BR0819	-	-	275212	804839	-	-	8	
SJRWMD	BR0835	-	-	275317	804744	-	-	6	
SJRWMD	BR0824	-	-	275319	804845	-	-	4	
SJRWMD	BR0820	-	-	275214	804839	-	-	6	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
SJRWMD	BR0812	-	-	275201	804857	-	-	4	
SJRWMD	BR0808	-	-	275126	804819	-	-	4	
SJRWMD	BR0942	-	-	275125	804843	-	-	4	
SJRWMD	BR0810	-	-	275155	804838	-	-	4	
SJRWMD	BR0809	-	-	275134	804828	-	-	4	
SJRWMD	BR0825	-	-	275324	804847	-	-	6	
SJRWMD	BR0813	-	-	275219	804831	-	-	8	
SJRWMD	BR0828	-	-	275240	804809	-	-	6	
SJRWMD	BR0801	-	-	275155	804812	-	-	8	
SJRWMD	BR0802	-	-	275129	804852	-	-	2	
SJRWMD	BR0815	-	-	275216	804801	-	-	8	
SJRWMD	BR1257	50	336	275146	804535	-	-	4	
SJRWMD	BR0822	-	-	275306	804843	-	-	6	
SJRWMD	BR0805	-	-	275035	804852	-	-	6	
SJRWMD	BR0811	-	-	275130	804812	-	-	10	
SJRWMD	BR0806	-	-	275010	804853	-	-	6	
SJRWMD	BR0827	-	-	275333	804848	-	-	6	
SJRWMD	BR0816	-	-	275214	804707	-	-	8	
SLAVEN, RUTH	BR1035	-	-	282331	804224	-	-	2	
SOMERFIELD	BR0381	-	668	281341	803903	325	-	4	
STEL KABANI	BR1087	-	-	281910	803630	-	-	2	
STEVENSON, LINDA	BR1055	-	-	281740	804047	-	-	2	
STROUGHTON	BR1133	-	2400	282218	804244	-	-	2	
SUDERMAN, JAMES	BR1182	-	-	282324	804439	-	-	2	
TENDERFOOT RANCH	BR0403	20	2510	282224	804701	-	-	4	
TENDERFOOT RANCH	BR1249	-	-	282221	804704	-	-	4	
TINSLEY, PHYLIS	BR0419	150	2570	282543	804259	-	-	4	
TOLEDO TRUST CO	BR0528	-	2112	282151	805125	-	-	2	
TOLEDO TRUST CO	BR0016	-	-	282146	805128	-	-	2	
TUTTLE, RALPH	BR1049	-	-	282304	804128	-	-	2	
UNDETERMINED	BR0562	-	740	275207	804048	-	-	3	
UNDETERMINED	BR1135	150	701	275416	803904	315	-	6	
UNDETERMINED	BR0395	1.1	1002	281605	803955	-	-	2	
UNDETERMINED	BR0237	-	-	282147	805134	-	-	2	
UNDETERMINED	BR1131	-	-	282441	804035	-	-	2	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
UNDETERMINED	BR0384	-	1189	281538	804106	-	-	4	
UNDETERMINED	BR0416	-	788	282049	803942	-	-	2	
UNDETERMINED	BR0400	220	1336	282045	804634	-	-	6	
UNDETERMINED	BR0378	-	668	281017	803713	-	-	4	
UNDETERMINED	BR1132	20	2117	282150	805115	-	-	2	
UNDETERMINED	BR1266	-	-	282209	804249	-	-	6	
UNDETERMINED	BR0267	-	-	275416	803940	315	-	6	
UNDETERMINED	BR1250	-	1122	282157	803952	-	-	2	
UNDETERMINED	BR1258	-	336	280631	804906	-	-	8	
UNDETERMINED	BR1265	-	1170	281602	804020	-	-	2	
UNDETERMINED	BR0375	-	-	281234	803629	-	-	6	
UNDETERMINED	BR0374	-	-	281230	803626	-	-	6	
UNDETERMINED	BR1274	-	-	281344	803858	-	-	2	
U.S.GOVERNMENT	BR1270	50	-	280228	804148	-	-	2	
U.S.GOVERNMENT	BR0964	-	-	282625	803932	-	-	2	
WANSLEY, THEODORE	BR1057	-	-	281908	803713	-	-	2	
WATERWAY ESTATES	BR0376	-	-	281243	803629	-	-	2	
WATERWAY ESTATES	BR0373	-	-	281226	803626	-	-	6	
WATSON	BR0529	-	1960	282205	804153	600	-	4	
WATSON, ALBERT	BR1271	-	-	282206	804152	-	-	2	
WICKMAN PARK	BR0383	275	625	280951	803940	550	105	6	
WINDWARD APTS.	BR0368	7	695	280214	803711	-	-	2	
WOLLAM, ROBERT	BR1189	-	788	282259	803626	-	-	2	
WOOTEN, M.F. JR.	BR1237	-	-	282957	804009	-	-	4	
ZIMMERMAN, ABE	BR1058	-	-	282001	803655	-	-	6	
TOTAL	195	3925							
CLAY COUNTY									
CLAY COUNTY	C-0475	-	-	300313	814231	-	-	3	
K.H. ESTATES CORP	C-0472	-	5	300442	814244	-	-	4	
K.H. ESTATES CORP	C-0474	-	5	300304	814214	-	-	4	
NASSAR, ALICE	C-0470	-	4	300505	815205	-	-	6	
UNDETERMINED	C-0471	-	4	300427	814138	-	-	6	
TOTAL	5	0							
DUVAL COUNTY									
ALLEN, IRA	D-1162	-	-	301846	813454	-	-	6	
ANDMARK ISL ASSOC	D-1197	-	-	302017	812555	-	-	3	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
CITY OF JACKSONVILLE	D-4591	-	21	301346	813718	-	-	4	
CITY OF JACKSONVILLE	D-0894	-	-	301723	814251	-	-	4	
CITY OF JACKSONVILLE	D-4590	-	-	302200	813323	800	-	2	
DNR	D-1224	-	-	302258	812820	-	-	8	
FL DOT	D-1907	-	9	301751	814812	-	-	0	
GPG GRNUP	D-4588	-	-	301912	814802	-	-	0	
HERRING, CARL	D-1201	-	-	301722	814302	-	-	0	
JAX BCH GOLF COURSE	D-1227	-	-	301651	812418	-	-	4	
MONTGOMERY COR INST	D-1232	-	-	303247	814338	-	-	2	
MONTGOMERY COR INST	D-1231	-	-	303235	814355	-	-	2	
MONTGOMERY COR INST	D-0578	-	-	303245	814343	-	-	2	
MONTGOMERY COR INST	D-1229	-	-	303241	814337	-	-	2	
MONTGOMERY COR INST	D-1228	-	-	303234	814401	-	-	2	
MORRELL, WARD	D-1202	-	-	301211	813503	-	-	0	
P L D LIMITED	D-0775	-	25	301024	813617	-	465	3	
UNDETERMINED	D-1204	-	-	301939	814105	-	-	0	
UNDETERMINED	D-4587	-	-	302319	814405	-	-	8	
TOTAL	19	0							
FLAGLER COUNTY									
DNR	F-0287	-	-	292335	812318	-	-	2	
GREEN, HOLLAR	F-0026	-	852	292524	812503	-	-	2	
UNDETERMINED	F-0289	1	1330	292528	812553	-	-	4	
UNDETERMINED	F-0290	1	-	292528	812549	-	-	3	
TOTAL	4	2							
INDIAN RIVER COUNTY									
ABC FRUIT CO.	IR0471	-	-	273403	802558	-	-	4	
CITY OF SEBASTIAN	IR0727	-	-	274831	802753	-	-	3	
GREEN, BARNEY	IR0718	-	851	273601	802918	422	166	6	
HABORA, HENRY R.	IR0468	300	396	274501	803137	-	-	4	
HASKEL GROVES	IR0648	-	680	274507	803508	-	-	4	
HASKEL GROVES	IR0647	-	608	274507	803449	-	-	4	
HASKEL GROVES	IR0646	-	728	274507	803456	-	-	6	
HERRIN, LARRY	IR0715	-	202	273820	802350	-	-	2	
INDIAN OAKS	IR0611	100	496	273631	802610	-	-	3	
I.R. COUNTY	IR0612	-	848	274739	802449	-	-	2	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
J.V.D'ALBORA CO.	IR0223	75	620	274653	802509	-	-	8	
MILES, BOBO	IR0519	-	-	274054	802630	-	-	0	
NIJLAND, WILLEM	IR0728	-	-	273758	802827	-	-	4	
NIJLAND, WILLEM	IR0726	-	-	273802	802828	-	-	4	
NIJLAND, WILLEM	IR0723	50	273	273803	802831	-	-	3	
SHURLOCK	IR0650	-	362	274127	802938	-	-	4	
UNDETERMINED	IR0525	-	496	274557	803233	-	-	4	
UNDETERMINED	IR0730	150	-	273823	803116	-	-	4	
UNDETERMINED	IR0721	-	610	274607	803352	-	-	4	
UNDETERMINED	IR0591	-	-	274409	802528	-	-	3	
UNDETERMINED	IR0590	-	15	274413	802524	-	-	4	
UNDETERMINED	IR0670	-	-	273511	802416	-	-	3	
UNDETERMINED	IR0671	-	343	273747	802611	-	-	2	
USA	IR0724	1000	448	274837	802534	-	-	4	
VARON, FRANK	IR0622	-	480	274032	802733	-	-	3	
VILLAGE GREEN	IR0644	-	648	273850	802850	-	-	3	
WOO, TELING	IR0542	-	-	273723	803029	-	-	0	
WOO, TELING	IR0541	-	-	273723	803028	-	-	0	
TOTAL	28	1675							
LAKE COUNTY									
JUNIPER LODGE	L-0322	-	-	291446	813814	-	-	6	
LAHT, SAM	L-0430	-	12	290839	813134	-	-	0	
MCDONALD	L-0435	-	-	284803	812943	-	-	3	
MCDONALD	L-0436	-	7	284813	812940	-	-	3	
SJRWMD	L-0451	-	-	285419	814754	-	-	2	
SJRWMD	L-0452	-	7	284922	814940	-	-	4	
SJRWMD	L-0454	-	-	285421	814759	-	-	1	
UNDETERMINED	L-0518	-	-	284733	812452	-	-	0	
USDA FOREST SERVICE	L-0441	-	-	290705	813143	113	104	8	
TOTAL	9	0							
MARION COUNTY									
DNR	M-0274	-	13	291206	820035	-	-	3	
DNR	M-0276	-	-	291243	820211	-	-	3	
DNR	M-0277	-	-	291251	820220	-	-	3	
DNR	M-0275	-	-	291213	820145	-	-	3	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
DNR	M-0271	-	14	291235	815938	-	-	3	
DNR	M-0272	-	-	291215	820017	-	-	3	
DNR	M-0273	-	12	291212	820024	-	-	3	
GEIGER, H.	M-0327	-	-	291739	813908	-	-	2	
HEINEMANN, G.C.	M-0005	-	-	291743	813915	-	-	4	
SJRWMD	M-0335	-	-	290556	815541	-	-	8	
SJRWMD	M-0334	-	-	290515	815522	-	-	6	
SJRWMD	M-0341	-	-	290635	815609	-	-	4	
SJRWMD	M-0340	-	-	290528	815509	-	-	3	
SJRWMD	M-0339	-	6	290508	815503	-	-	8	
SJRWMD	M-0338	-	8	290754	815704	-	-	4	
SJRWMD	M-0342	-	-	290755	815636	-	-	4	
SJRWMD	M-0332	-	-	290510	815509	197	83	8	
SJRWMD	M-0227	-	-	290728	815653	-	-	4	
UNDETERMINED	M-0270	-	-	290845	815751	-	-	4	
USDA FOREST SERVICE	M-0225	-	-	291112	815022	-	-	6	
USDA FOREST SERVICE	M-0329	-	-	291025	815209	-	-	3	
USDA FOREST SERVICE	M-0226	-	183	292058	814351	-	-	2	
TOTAL	22	0							
NASSAU COUNTY									
FDOT	N-0192	-	29	304433	813921	-	-	2	
JOHNSON LAKE	N-0108	-	-	303549	813854	-	-	2	
NASSAU FERT & OIL CO	N-0197	-	-	304134	812733	-	-	4	
NASSAU FERT & OIL CO	N-0198	-	-	304128	812733	-	-	4	
SJRWMD	N-0200	-	32	304839	815627	-	-	4	
SMITH, JULIAN	N-0114	-	-	304027	812655	-	-	4	
TOTAL	6	0							
ORANGE COUNTY									
CAMP JOY	OR0529	-	-	284600	813007	-	-	0	
CAMP JOY	OR0528	-	-	284600	813008	-	-	0	
DNR	OR0500	-	-	284431	812830	-	-	2	
DNR	OR0502	-	-	284613	812518	-	-	2	
DNR	OR0498	-	-	284333	812838	-	-	2	
DNR	OR0499	-	-	284325	812836	-	-	1	
DNR	OR0509	-	-	282846	805718	120	80	2	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
DNR	OR0501	-	-	284453	812857	-	-	2	
DNR	OR0508	-	-	282854	805445	335	152	6	
DNR	OR0514	-	-	284636	812803	-	-	3	
DNR	OR0517	-	-	284431	812720	-	-	3	
DNR	OR0538	-	144	284350	812542	62	-	2	
DNR	OR0510	-	-	282659	805742	-	-	2	
DNR	OR0515	-	-	284635	812613	-	-	3	
DNR	OR0534	-	388	284557	812458	-	-	2	
DNR	OR0533	-	231	284810	812501	-	-	0	
DNR	OR0539	-	-	284431	812514	-	-	2	
DNR	OR0530	-	-	282924	805611	-	-	0	
DNR	OR0512	-	-	282639	805726	-	-	2	
DNR	OR0516	-	-	284543	812653	-	-	2	
DNR	OR0536	-	-	284403	812532	-	-	0	
DNR	OR0535	-	544	284456	812507	39	-	0	
DNR	OR0537	-	183	284400	812534	-	-	2	
DNR	OR0497	-	-	284339	812850	-	-	2	
FRANCINE, F.	OR0518	-	-	283216	805924	-	-	4	
HUNTER DEVELOPMENT	OR0525	-	-	283610	810136	-	-	2	
SJRWMD	OR0524	-	-	283401	805834	-	-	0	
SJRWMD	OR0523	-	-	283254	810022	260	155	10	
TOSAHATCHEE	OR0511	-	-	282641	805700	-	-	4	
TOSAHATCHEE	OR0526	-	-	282213	805421	-	-	2	
TOSAHATCHEE	OR0507	-	-	282943	805615	-	-	2	
UNDETERMINED	OR0109	-	198	283216	805937	-	-	4	
UNDETERMINED	OR0540	-	-	283546	811312	-	-	8	
TOTAL	33	0							
OSCEOLA COUNTY									
KEMPFER DEER PARK	OS0180	-	200	275957	805234	274	-	2.5	
TOTAL	1	0							
FUTNAM COUNTY									
CLERKIN, JOAN	P-0713	-	-	293453	813609	-	-	3	
DNR	P-0106	-	-	292321	813840	-	-	2	
DNR	P-0116	-	159	294003	813715	-	-	6	
FLOYD, U. D.	P-0569	-	-	294116	813515	-	-	6	
GEORGIA PACIFIC	P-0710	-	18	294121	814003	-	-	6	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
GEORGIA PACIFIC	P-0712	-	105	294118	813949	-	-	3	
GEORGIA PACIFIC	P-0711	-	77	294118	813955	-	-	6	
GEORGIA PACIFIC	P-0709	-	83	294120	813954	-	-	2	
HICKEY, ANNETTE	P-0715	-	18	295021	813706	-	-	3	
LEE, LINDA	P-0698	-	83	293858	813814	-	-	2	
MCLENDON, VIVIAN	P-0730	-	182	293839	813837	-	-	0	
RAVINES STATE GARDEN	P-0418	10	211	293759	813834	401	86	3	
RIO DE ST JOHNS PROP	P-0716	-	245	294428	813514	-	-	6	
S.C.L. RAILROAD	P-0056	-	-	293545	814059	-	-	2	
UNDETERMINED	P-0064	10	111	294032	813729	-	-	4	
UNDETERMINED	P-0693	-	-	293841	813751	-	-	3	
UNDETERMINED	P-0448	-	-	293804	813827	-	-	4	
UNDETERMINED	P-0134	-	-	293851	813820	-	-	0	
UNDETERMINED	P-0721	-	-	293902	813743	-	-	0	
UNDETERMINED	P-0083	-	-	293358	814339	-	-	4	
UNDETERMINED	P-0739	-	7	293231	814525	-	-	4	
UNDETERMINED	P-0759	-	-	293220	814525	-	-	2	
UNDETERMINED	P-0760	-	-	294540	813456	-	-	0	
TOTAL	23	20							
ST. JOHNS COUNTY									
BHR	SJ0710	-	-	295533	812952	-	-	2	
BHR	SJ0711	-	-	295743	813203	-	-	1.25	
BHR	SJ0706	-	-	295646	813030	-	-	4	
BHR	SJ0705	-	-	295642	813017	-	-	8	
BHR	SJ0704	-	-	295648	813005	-	-	6	
BHR	SJ0709	-	-	295728	813058	-	-	4	
BHR	SJ0702	-	157	295734	812942	-	-	2	
BHR	SJ0701	-	-	295737	812940	-	-	4	
BHR	SJ0700	-	26	295720	813045	-	-	4	
BHR	SJ0708	-	-	295725	813048	-	-	1.25	
BHR	SJ0703	-	-	295709	813206	-	-	1	
BHR	SJ0749	-	-	295751	813215	-	-	4	
BHR	SJ0756	-	26	295658	813142	-	-	4	
BHR	SJ0707	-	-	295717	813048	-	-	2	
DINSDALE, JAMES	SJ0233	-	-	295534	812155	-	-	6	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
DNR	SJ0507	150	76	300354	812222	368	300	3	
DNR	SJ0232	-	86	300104	812221	-	-	3	
HENSLEY, LOUIS	SJ0715	-	-	300026	812315	226	126	3	
JANSON DEV. COM	SJ0234	-	-	296549	812158	-	-	6	
NORTHWEST UTILI TWO	SJ0761	-	-	296836	812833	-	-	2	
SMITH, WESLEY	SJ0227	-	-	294054	812924	-	-	5	
SMITH, WESLEY	SJ0228	-	-	294108	812908	-	-	6	
SMITH, WESLEY	SJ0219	-	-	294044	812607	-	-	6	
UNDETERMINED	SJ0716	-	-	296617	812230	-	-	6	
UNDETERMINED	SJ0717	-	-	296621	812217	-	-	8	
UNDETERMINED	SJ0236	-	1780	296656	812009	-	-	4	
WETUMPKA FRUIT COMP	SJ0685	-	-	294048	812933	-	-	6	
WETUMPKA FRUIT COMP	SJ0684	-	-	294051	812951	-	-	6	
WETUMPKA FRUIT COMP	SJ0686	-	-	294027	812951	-	-	6	
TOTAL	29	150							
SEMINOLE COUNTY									
BLAKE, DUDLEY	S-0827	-	692	284809	811748	-	-	6	
BLAKE, DUDLEY	S-0832	-	-	284811	811747	-	-	6	
CAIN	S-0584	-	-	284945	812158	-	-	0	
CAMERON CITY GRV PTN	S-0516	0	-	284600	811257	-	-	2	
CAMERON CITY GRV PTN	S-0514	21.5	-	284548	811245	-	-	2	
CARL, AUSTIN	S-0764	-	-	284157	811003	-	-	0	
CELERY FARMS LD COMP	S-0519	0	-	284820	811449	-	-	3	
CELERY FARMS LD COMP	S-0520	55.25	-	284817	811449	-	-	3	
CELERY FARMS LD COMP	S-0521	50.78	-	284811	811441	-	-	12	
CELERY FARMS LD COMP	S-0505	34.65	-	284804	811449	-	-	2	
CELERY FARMS LD COMP	S-0504	29.6	-	284818	811453	-	-	2	
CELERY FARMS LD COMP	S-0523	11.86	-	284811	811433	-	-	2.25	
CELERY FARMS LD COMP	S-0522	0	-	284810	811438	-	-	0	
CLARK, A	S-0822	-	872	284618	811234	-	-	2	
CLARK, A	S-0821	-	-	284612	811236	-	-	2	
CLARK, A	S-0820	-	872	284612	811243	-	-	4	
CLARK, A	S-0819	-	896	284521	811548	-	-	3	
CLARK, A	S-0818	-	848	284611	811248	-	-	2	
CLARK, A	S-0817	-	840	284609	811248	-	-	4	
CLARK, A	S-0815	-	840	284614	811227	-	-	1	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
CLARK, A	S-0814	-	904	284620	811226	-	-	4	
CLARK, A	S-0813	-	920	284621	811224	-	-	3	
CLONTS	S-0560	-	-	283925	811248	-	-	2	
CLONTZ	S-0548	0	-	283925	811301	-	-	4.5	
COUNTY RIGHT OF WAY	S-0099	20	2050	294404	811626	-	-	2	
CULLUM	S-0527	0	-	284800	811350	-	-	2	
DNR	S-0866	-	179	284341	812549	49	-	2	
DNR	S-0869	-	-	284315	812607	-	-	0	
DNR	S-0864	-	-	284443	812511	-	-	2	
DNR	S-0867	-	123	284305	812616	-	-	0	
DNR	S-0870	-	-	284414	812519	-	-	2	
DNR	S-0865	-	530	284421	812517	38	-	1	
DNR	S-0863	-	516	284458	812508	27	-	0	
DNR	S-0854	-	100	284634	812454	-	-	2	
DNR	S-0860	-	768	284535	812457	-	-	0	
DNR	S-0859	-	161	284545	812457	-	-	2	
DNR	S-0862	-	139	284519	812500	105	-	2	
DNR	S-0861	-	-	284523	812458	-	-	2	
DNR	S-0856	-	-	284625	812456	-	-	2	
DNR	S-0855	-	71	284627	812455	-	-	2	
DNR	S-0858	-	616	284558	812458	-	-	2	
DNR	S-0857	-	-	284602	812458	-	-	2	
DUDA, A	S-0100	30	11	283858	811428	-	-	4	
DUDA, A	S-0101	30	12	283901	811422	-	-	3	
DUDA, A	S-0102	-	-	283902	811430	-	-	4	
DUDA, A	S-0103	25	12	283905	811426	-	-	6	
DUNN, DON	S-0687	-	1150	284631	811241	-	-	2	
DUNN, DON	S-0684	-	1056	284634	811247	-	-	2	
DUNN, DON	S-0688	-	-	284631	811243	-	-	0	
DUNN, DON	S-0683	-	-	284634	811252	-	-	2	
DUNN, DON	S-0677	-	-	284630	811236	-	-	2	
DUNN, DON	S-0678	-	-	284626	811252	-	-	2	
DUNN, DON	S-0685	-	1186	284634	811245	-	-	2	
DUNN, DON	S-0681	-	-	284626	812447	-	-	0	
DUNN, DON	S-0682	-	-	284626	812445	-	-	2	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
DUNN, DON	S-0680	-	-	284626	811249	-	-	2	
DUNN, DON	S-0686	-	1088	284831	811239	-	-	1.5	
HATCH, STEVE	S-0592	-	-	284846	811850	-	-	4	
HATCH, STEVE	S-0597	-	-	284852	811811	-	-	2	
HATCH, STEVE	S-0598	-	-	284850	811811	-	-	2	
HATCH, STEVE	S-0595	-	-	284838	811814	-	-	2	
HATCH, STEVE	S-0594	-	-	284812	811850	-	-	2	
HATCH, STEVE	S-0593	-	-	284840	811850	-	-	2	
LEE, ROBERT	S-0283	-	-	283741	810318	380	102	14	
LEFFLER, VINCENT	S-0617	-	-	284233	811642	-	-	8	
LEFFLER, VINCENT	S-0614	-	-	284234	811702	-	-	1.5	
LUKAS, PHIL	S-0847	-	10	283856	811358	-	-	2	
MEEKS	S-0672	-	462	284835	811553	-	-	1	
MERIWETHER, W.	S-0660	-	-	284807	811315	-	-	4	
PUIK, LESLIE	S-0981	2	-	284947	812100	-	-	2	
SAN. FLA. INV. LTD.	S-0531	-	30	284922	811902	-	-	4.5	
SEMINOLE CO RD DEPT	S-0536	-	-	284432	811551	-	-	3	
SEMINOLE CO RD DEPT	S-0539	-	-	284146	811047	-	-	4	
SEMINOLE COUNTY	S-0788	-	-	284107	810950	-	-	2	
SJRWMD	S-0810	-	832	284606	811109	-	-	0	
SJRWMD	S-0811	-	904	284546	811147	-	-	2	
SJRWMD	S-0809	-	880	284602	811210	-	-	2	
SJRWMD	S-0812	-	-	284641	811133	-	-	2	
SJRWMD	S-0039	-	1340	284207	811116	205	76	4	
STATE RIGHT OF WAY	S-0656	-	-	284801	811755	-	-	2	
STATE RIGHT OF WAY	S-0113	-	6	284305	811920	-	-	3	
TACKVERIAN	S-0515	-	1570	284653	811224	-	-	0	
UNDETERMINED	S-0639	-	-	284802	811301	-	-	0	
UNDETERMINED	S-0634	-	-	284827	811909	-	-	4	
UNDETERMINED	S-0260	-	-	284154	811125	-	-	0	
UNDETERMINED	S-0633	-	-	284834	811909	-	-	4	
UNDETERMINED	S-0918	-	-	284758	811253	-	-	3	
UNDETERMINED	S-0919	-	-	284749	811253	-	-	3	
UNDETERMINED	S-0917	-	-	284801	811253	-	-	3	
UNDETERMINED	S-0920	-	668	284749	811250	-	-	3	
UNDETERMINED	S-0921	-	-	284744	811253	-	-	3	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
UNDETERMINED	S-0914	-	-	284748	811342	-	-	3	
UNDETERMINED	S-0923	-	-	284756	811254	-	-	3	
UNDETERMINED	S-0905	-	-	284712	811319	-	-	4	
UNDETERMINED	S-0908	-	-	284811	811323	-	-	2	
UNDETERMINED	S-0898	-	-	284756	811346	-	-	3	
UNDETERMINED	S-0899	-	-	284759	811347	-	-	3	
UNDETERMINED	S-0900	-	-	284754	811347	-	-	3	
UNDETERMINED	S-0904	-	-	284716	811322	-	-	6	
UNDETERMINED	S-0913	-	-	284753	811341	-	-	3	
UNDETERMINED	S-0912	-	-	284756	811341	-	-	3	
UNDETERMINED	S-0909	-	488	284812	811323	-	-	2	
UNDETERMINED	S-0910	-	-	284815	811323	-	-	2	
UNDETERMINED	S-0911	-	480	284759	811341	-	-	4	
UNDETERMINED	S-0936	-	-	284815	811803	-	-	2	
UNDETERMINED	S-0922	-	628	284744	811248	-	-	3	
UNDETERMINED	S-0896	-	-	284756	811345	-	-	3	
UNDETERMINED	S-0924	-	856	284753	811253	-	-	3	
UNDETERMINED	S-0982	-	-	284803	811757	-	-	3	
UNDETERMINED	S-0986	-	-	284832	811550	-	-	2	
UNDETERMINED	S-0955	-	-	284957	811959	-	-	4	
UNDETERMINED	S-0956	-	253	284954	811954	-	-	4	
UNDETERMINED	S-0961	-	-	284849	811813	-	-	3	
UNDETERMINED	S-0947	-	-	284849	811845	-	-	3	
UNDETERMINED	S-0965	-	-	284839	811626	-	-	2	
UNDETERMINED	S-0945	-	-	284851	811845	-	-	2	
UNDETERMINED	S-0987	-	-	284828	811540	-	-	6	
UNDETERMINED	S-0968	-	-	284811	811544	-	-	3	
UNDETERMINED	S-0969	-	-	284814	811302	-	-	3	
UNDETERMINED	S-0954	-	241	284956	811959	-	-	3	
UNDETERMINED	S-0926	-	-	284803	811510	-	-	1	
UNDETERMINED	S-0946	-	18	284850	811845	-	-	4	
UNDETERMINED	S-0937	115	389	284820	811805	-	-	4	
UNDETERMINED	S-0939	-	-	284814	811759	-	-	4	
UNDETERMINED	S-0928	-	-	284810	811304	-	-	0	
UNDETERMINED	S-0934	-	-	284638	811217	-	-	4	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
UNDETERMINED	S-0935	125	502	284638	811217	-	-	4	
UNDETERMINED	S-0927	-	500	284754	811315	-	-	4	
UNDETERMINED	S-0938	-	-	284829	811800	-	-	2	
UNDETERMINED	S-0944	-	-	284852	811845	-	-	2	
UNDETERMINED	S-0940	-	-	284811	811759	-	-	4	
UNDETERMINED	S-0941	-	11	284842	811854	-	-	2	
UNDETERMINED	S-0943	-	-	284853	811845	-	-	2	
UNDETERMINED	S-0897	-	-	284755	811347	-	-	3	
UNDETERMINED	S-0874	-	-	284725	811306	-	-	2	
UNDETERMINED	S-0824	-	-	284601	811239	-	-	6	
UNDETERMINED	S-0835	-	-	284750	811800	-	-	3	
UNDETERMINED	S-0835	-	-	284825	811908	-	-	4	
UNDETERMINED	S-0823	-	944	284601	811241	-	-	3	
UNDETERMINED	S-0658	-	584	284738	811315	-	-	3	
UNDETERMINED	S-0557	-	384	284430	811534	-	-	3	
UNDETERMINED	S-0779	-	964	284155	811119	-	-	0	
UNDETERMINED	S-0846	-	-	283841	811303	-	-	2	
UNDETERMINED	S-0556	-	-	284920	811828	-	-	1.25	
UNDETERMINED	S-0638	-	831	284432	811515	-	-	3	
UNDETERMINED	S-0850	-	920	284824	811233	-	-	2	
UNDETERMINED	S-0787	-	928	284430	811553	-	-	0	
UNDETERMINED	S-0754	-	-	284201	811117	-	-	6	
UNDETERMINED	S-0659	-	-	284738	811313	-	-	3	
UNDETERMINED	S-0691	-	-	284804	811344	-	-	2	
UNDETERMINED	S-0744	-	152	284132	811131	-	-	2	
UNDETERMINED	S-0848	100	720	284808	811738	-	-	4	
UNDETERMINED	S-0755	-	-	284811	811808	-	-	3	
UNDETERMINED	S-0778	-	989	284155	811119	-	-	0	
UNDETERMINED	S-0776	-	515	284154	811152	-	-	0	
UNDETERMINED	S-0777	-	-	284150	811120	-	-	4	
UNDETERMINED	S-0894	-	-	281414	811340	-	-	4	
UNDETERMINED	S-0895	-	-	284801	811344	-	-	3	
UNDETERMINED	S-0673	-	1101	284725	811307	-	-	2	
UNDETERMINED	S-0890	-	-	284735	811353	-	-	3	
UNDETERMINED	S-0871	-	236	284949	812052	-	-	3	
UNDETERMINED	S-0874	-	640	284744	811318	-	-	4	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
UNDETERMINED	S-0876	-	-	284541	811322	-	-	4	
UNDETERMINED	S-0284	-	1690	284008	810721	-	-	5	
UNDETERMINED	S-0889	-	-	284759	811353	-	-	2	
UNDETERMINED	S-0285	-	1270	284025	810724	-	-	8	
UNDETERMINED	S-0891	-	480	284808	811341	-	-	4	
UNDETERMINED	S-0892	-	-	284808	811341	-	-	4	
UNDETERMINED	S-0893	-	468	281414	811340	-	-	4	
UNDETERMINED	S-0888	-	106	284308	812613	18	-	1	
UNDETERMINED	S-0853	-	640	284813	811809	-	-	3	
UNDETERMINED	S-0555	-	43	284922	811927	-	-	2.5	
UNDETERMINED	S-0550	-	74	284954	812134	-	-	2.5	
UNDETERMINED	S-0544	-	-	284828	811842	-	-	3.5	
UNDETERMINED	S-0562	-	712	284800	811809	-	-	3	
UNDETERMINED	S-0288	-	162	283948	810725	-	-	10	
UNDETERMINED	S-0532	8.57	74	284949	811931	-	-	2.5	
UNDETERMINED	S-0525	-	-	284968	811917	-	-	2.5	
UNDETERMINED	S-0877	-	-	284748	811323	-	-	3	
VESTRY	S-0545	-	816	284653	811220	-	-	0	
WHEELER COMPANY	S-0558	-	45	283912	811250	-	-	6	
WHEELER COMPANY	S-0568	-	312	284027	811007	-	-	2	
WHEELER COMPANY	S-0559	-	78	283912	811257	-	-	4	
WHEELER, BEN	S-0980	-	-	284542	811330	-	-	2	
WILLIS, TONY	S-0845	-	-	283829	811503	-	-	4	
TOTAL	185	659							
VOLUSIA COUNTY									
DELEON SPRINGS REC	V-0562	-	14	290840	812213	-	-	2	
DELTONA CORP	V-0499	-	-	285502	811302	-	-	10	
KEELING, ALLEN	V-0598	-	432	285049	811920	-	-	1	
SJRWMD	V-0337	-	-	291502	813032	180	97	4	
STONE IS. HOMEOWNERS	V-0515	-	620	285052	811345	-	-	2	
STONE IS. HOMEOWNERS	V-0093	-	-	285044	911401	-	-	3	
STONE IS. HOMEOWNERS	V-0061	-	-	285042	811408	-	-	8	
UNDETERMINED	V-0532	50	70	291503	810718	-	-	4	
UNDETERMINED	V-0587	-	-	285221	811750	-	-	3	
UNDETERMINED	V-0585	-	384	285028	811923	-	-	0	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	TOTAL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
UNDETERMINED	V-0583	-	-	285101	811922	-	-	2	
UNDETERMINED	V-0586	-	-	285037	811922	-	-	2	
UNDETERMINED	V-0588	-	-	285221	811750	-	-	3	
UNDETERMINED	V-0589	-	-	285136	811447	-	-	2	
UNDETERMINED	V-0584	-	432	285043	811919	-	-	2	
UNDETERMINED	V-0032	-	-	285144	811458	-	-	8	
UNDETERMINED	V-0582	-	444	285059	811922	-	-	2	
UNDETERMINED	V-0581	-	-	285051	811922	-	-	2	
UNDETERMINED	V-0580	-	436	285055	811920	-	-	2	
UNDETERMINED	V-0518	-	19	285610	810509	-	-	1.5	
UNDETERMINED	V-0498	10	50	290513	810247	-	-	3	
UNDETERMINED	V-0328	-	-	291432	812854	139	6	3	
UNDETERMINED	V-0158	-	987	290030	812253	-	-	4	
UNDETERMINED	V-0073	20	13	285213	811655	-	-	0	
UNDETERMINED	V-0607	-	187	285401	805450	-	-	4	
TOTAL	25	80							
GRAND TOTAL	586	8511							

**INVENTORY OF ABANDONED ARTESIAN WELLS
PLUGGED OR REPAIRED BY OWNER
AS OF SEPTEMBER 30, 1992
(see page 92 for key to column headings)**

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
BREVARD COUNTY									
ANASTASIO	BR1017	-	760	275951	803618	-	-	0	CAPPED
ARNETT	BR0933	12	-	282142	804133	-	-	2	PLUGGED 7-31-89
ARNOVITZ, TONY	BR0974	-	-	282259	804142	-	-	2	
BEACHWOOD	BR1109	-	-	280148	803231	-	-	2	
BOA, JOHN	BR0659	75	489	280800	804159	-	-	4	
BOOKIE, MARCUS	BR0366	-	287	274921	805033	693	-	5	CAPPED 9-14-87
BREVARD COUNTY	BR0602	-	-	281405	803907	261	-	4	PLUGGED 6-85
BREVARD COUNTY	BR0640	-	858	281831	804448	-	-	6	
BREVARD COUNTY	BR1010	-	-	275135	802953	250	-	2	
BREVARD COUNTY	BR1177	-	-	280756	803746	-	-	2	
BREVARD COUNTY	BR1067	-	-	280443	804014	-	-	2	PLUGGED
BREVARD COUNTY	BR1105	-	-	275655	803537	-	-	4	
BREVARD CO. DIST 3	BR0101	150	601	275710	803543	316	-	4	VALVED 9-88
BREVARD CO MC	BR1180	-	1420	282327	804139	-	-	6	
BREVARD CO MC	BR1120	-	470	275849	803138	-	-	4	
BREVARD CO MC	BR0210	100	1377	282447	804105	-	-	4	PLUGGED 8-1-89
BREVARD CO MC	BR0526	-	-	282811	804312	83	82	3	PLUGGED 1987
BREVARD CO MC	BR0388	80	1490	282017	804106	-	-	4	
BREVARD CO MC	BR0095	-	935	275858	803118	320	105	4	
BREVARD CO MC	BR0941	300	1070	281659	804007	-	-	4	PLUGGED 7-31-89
BREVARD CO MC	BR0089	-	661	275523	803208	-	-	4	VALVED 9-18-90
BREVARD CO MC	BR0240	100	4309	282754	804310	-	-	4	PLUGGED 8-1-89
BREVARD CO MC	BR0084	-	220	275303	802815	-	-	4	
BREVARD CO MC	BR0430	15	1490	282152	804117	152	82	4	
BREVARD CO MC	BR0233	150	935	281732	804155	-	-	4	
BREVARD CTY CORP	BR0387	120	918	282047	804107	400	-	4	
BSA ORLANDO COUNCIL	BR1106	-	-	275715	803521	-	-	2	
CAMPBELL & ASSOC.	BR0938	20	-	282633	804245	-	-	4	PLUGGED 8-1-89
CHAMBER, JACK	BR1090	-	-	281022	803854	-	-	2	
CITY OF COCOA BEACH	BR0621	-	772	282109	803624	-	-	2	CAPPED 12-17-87
CITY OF EAU GALLIE	BR0688	-	-	280712	803752	511	110	6	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
CITY OF MELBOURNE	BR0686	-	-	280459	803853	400	90	6	
CITY OF MELBOURNE	BR0351	-	641	280758	803814	600	-	12	
COBBS, RAY	BR0385	150	1970	282203	804228	420	80	6	
CONSTELLATION	BR1103	-	-	281827	803824	-	-	3	
COYLE	BR0436	7	520	280420	803340	-	-	2	VALVED 9-17-80
CRAWFORD GROVE SERV.	BR0940	12	-	282845	804309	-	-	2	PLUGGED 8-1-89
CREATIVE HORIZONS	BR0559	-	-	275022	803020	-	-	4	CAPPED 3-4-90
CREATIVE HORIZONS	BR0580	-	-	275031	803024	-	-	4	CAPPED 7-28-88
CRISAFULLI, CHARLES	BR0243	-	2455	282623	804257	-	-	4	
DAY, GRACE	BR0948	-	-	282054	804157	-	-	2	
DEER RUN	BR0248	-	705	275253	803832	399	-	6	9-88
DEER RUN	BR0249	-	735	275255	803850	305	-	6	9-88
DESERET RANCH	BR0231	1	361	280536	804843	-	-	4	
DESERET RANCH	BR1134	-	-	275714	805209	285	-	3	
DRAWDY	BR0371	10	650	280218	804107	-	-	4	4-7-88
ELEY, EDMUND	BR0250	-	671	275357	803637	409	-	2	3-8-90
ELISON, PERRY	BR0333	-	2037	282232	804246	-	-	2	
EVANS, EDWARD	BR0569	-	970	281855	804023	-	-	3	
FAIRWAYS 4 APT COM	BR1238	5	1000	280845	803907	-	-	4	
FANCZL, STEVE	BR0414	-	888	281730	804039	-	-	3	4-7-88
FIELD, ALAN	BR0792	85	1740	282340	804259	-	-	3	
FRANS CASTAWAY COVE	BR1117	-	-	280227	803453	-	-	4	PLUGGED 11-84
FRANS CASTAWAY COVE	BR1116	-	-	280227	803453	-	-	6	PLUGGED 11-84
GDC	BR0906	-	-	275659	804121	-	-	6	
GDC	BR0653	-	538	275615	804232	-	-	6	PLUGGED
GDC	BR0654	-	1050	275636	804234	-	-	6	PLUGGED
GDC	BR0650	-	648	275648	804150	-	-	6	PLUGGED
GDC	BR0651	-	622	275603	804157	-	-	6	PLUGGED
GDC	BR0649	-	653	275715	804204	-	-	6	PLUGGED
GDC	BR0647	-	580	275624	804219	-	-	6	PLUGGED
GDC	BR1018	-	741	275725	804127	459	120	6	PLUGGED
GDC	BR0495	-	722	275642	804120	-	-	6	
GDC	BR0370	500	650	280232	804327	368	-	6	
GDC	BR0301	-	-	275616	804102	-	-	6	
GDC	BR0431	10	721	280030	803930	-	-	3	3-1-84

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
GDC	BR0281	-	678	280041	804025	335	120	4	1989
GDC	BR0277	-	718	275955	803940	-	-	4	CAPPED 3-1-88
GDC	BR0369	-	561	280132	803458	-	-	2	
GDC	BR0276	-	698	275956	803820	-	-	6	
GDC	BR0288	-	691	275725	804104	-	-	4	3-2-84
GDC	BR0280	-	701	275502	804024	389	-	2	3-2-84
GEIGER	BR0120	22	-	282330	803822	-	-	2	PLUGGED 7-31-89
GILLISPEE	BR0932	1	-	282022	804159	-	-	2	PLUGGED 7-31-89
GODBOLD, GENE	BR1260	-	27.4	282445	804201	-	-	0	
GODBOLD, GENE	BR0937	-	16.6	282446	804201	-	-	0	
GOUGH	BR0434	-	645	280354	803347	505	150	4	
GREEN	BR0939	710	-	282330	803619	-	-	3	PLUGGED 7-31-89
GUERTIN, FRANCIS	BR1248	-	-	281152	803801	-	-	2	
HAPPED	BR0234	16	1016	282040	803951	-	-	2	
HAWORTH, HERBERT	BR0975	-	-	282331	804015	-	-	2	
HIMMEROEDER, E.	BR0542	-	-	280019	803151	-	-	2	VALVED 1-27-87
HOLLY BROOK CONDO	BR1239	2	336	281200	803543	-	-	4	
INDIAN BAY	BR0573	-	-	282637	804311	-	-	4	
JAMESTOWN CONDOS	BR0232	-	501	280843	803504	-	-	4	VALVED 5-13-87
JEKYLL INC	BR0725	-	64	280752	803733	-	-	2	9-6-88
JOHNSON, JOYCE	BR1071	-	-	282654	804121	-	-	16	
JOHNSON, RUTH	BR1073	-	-	282139	803823	-	-	2	
KEMPER	BR0230	25	360	280530	804644	-	-	4	
KREWSON, C. DAVID	BR1246	70	557	281554	804110	-	-	5	
KREWSON, C. DAVID	BR1242	40	635	281548	804113	-	-	4	
MARTIN, ROLAND	BR0787	-	240	275540	802944	-	-	0	
MATHIS, DELBERT	BR1099	-	-	282038	803710	235	235	2	
MAYNARD	BR0501	-	496	280527	804151	460	-	2	VALVED 9-17-90
MCDONALD	BR0976	-	-	282057	803945	-	-	2	PLUGGED 1-1-90
MELBOURNE UTILITITES	BR1089	-	-	280750	803814	600	-	12	
MERCEDES	BR1187	300	719	275827	804112	-	-	6	
MEYERS, J.F.	BR1176	-	-	280818	803815	-	-	2	
NASA	BR0611	1340	2640	282915	804101	321	100	12	
NASA	BR0617	-	-	283219	804052	-	-	6	
NASA	BR0607	-	1760	282935	803909	-	-	6	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
NASA	BR0820	-	-	283348	804007	-	-	4	
NASA	BR0804	-	-	283337	803912	-	-	6	PLUGGED
NASA	BR0806	-	1620	282918	803911	-	-	6	
NEVINS	BR0428	10	888	281810	804450	-	-	4	
ODZIMWSKI, CONNIE	BR0990	-	-	281020	803849	-	-	2	3-90
OMEN, AUGUST	BR0988	-	-	282057	803954	-	-	2	10-18-89
PARKER, KEN	BR1110	-	620	275703	803541	-	-	2	
PELEHAT, GUY	BR0936	-	273	275452	802850	-	-	4	
PLATT, CARLYLE	BR0266	28	768	275745	803928	-	-	3	PLUGGED 1984
PLATT, HAROLD	BR0280	-	414	275952	804512	377	-	4	12-17-84
POE, LURE C.	BR1089	-	-	281650	804019	-	-	6	
PORT MALABAR HOLIPK	BR1259	25	649	280036	803828	-	-	4	
POSEJPAL, G.H.	BR1108	-	-	275955	803716	-	-	4	
PRITCHETT, CAREY	BR1076	-	-	280333	803547	-	-	2	
RAY, HARVEY	BR0415	100	1002	281741	804158	-	-	3	
READDY, A.L.	BR0393	22	1022	281848	804022	248	128	4	PLUGGED 7-31-89
REED, GAYLAND	BR1020	-	619	280342	804037	-	-	4	
REED, GAYLAND	BR1021	-	-	280343	804034	-	-	3	
ROBINSON R.M. TRUST.	BR1175	-	-	275752	803030	-	-	4	
ROCKLEDGE GOLF CT	BR0245	-	1470	282002	804508	-	-	4	9-19-90
ROCKLEDGE GOLF CT	BR0235	-	-	282013	804449	-	-	4	9-90
ROCKLEDGE GOLF CT	BR0236	-	-	282008	804442	-	-	4	9-90
ROPER, W.C.	BR0413	175	608	280718	803732	-	-	6	VALVED 9-1-90
SCHLERNITZAUER	BR1070	-	-	281907	804244	-	-	4	
SE & SW PENSION FUND	BR1173	-	-	275224	803539	-	-	4	
SJRWMD	BR0485	-	-	280827	804014	285	103	4	
TARKE, GEORGE J JR	BR1068	-	-	282617	804922	1500	-	6	
THOMAS, BLISS	BR1092	-	-	281525	803946	-	-	4	
TOLEDO TRUST CO	BR0401	500	2203	282150	804858	-	-	6	8-27-87
TRICO GROVE	BR0023	3	701	275824	804134	-	-	4	VALVED 7-22-88
TRIO GROVE	BR0272	16	722	275835	804137	-	-	4	7-22-88
TRIO GROVE	BR0273	2.5	635	275835	804144	309	-	6	7-22-88
TRIO GROVE	BR0271	18	708	275835	804127	-	-	4	7-22-88
TRIO GROVE	BR0264	-	681	275822	804122	-	-	6	7-22-88
TUCKER	BR0713	-	993	282013	804707	336	105	4	8-4-87
TUCKER	BR0714	-	1020	282013	804720	124	102	4	8-4-87

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
TUCKER	BR0716	-	863	282024	804721	267	108	4	8-4-87
TUCKER	BR0716	-	1100	282032	804728	218	106	4	8-4-87
TUCKER	BR0717	-	1370	282039	804725	-	-	4	8-4-87
UNDETERMINED	BR0570	-	888	281902	804239	-	-	6	
UNDETERMINED	BR0568	132	488	275954	804417	-	-	4	3-1-84
UNDETERMINED	BR0876	-	-	275357	802816	-	-	2	
UNDETERMINED	BR0397	-	277	281548	804116	-	-	0	
UNDETERMINED	BR0426	0.2	578	281126	803748	-	-	2	
UNDETERMINED	BR1088	-	808	281909	804242	-	-	6	
UNDETERMINED	BR0256	-	715	275351	804004	-	-	2	PLUGGED 1984
UNDETERMINED	BR0255	-	734	275351	804004	333	-	3	3-9-84
UNDETERMINED	BR0252	-	695	275321	803924	-	-	2	1985
UNDETERMINED	BR1243	-	728	282329	803623	-	-	2	
UNDETERMINED	BR0244	1.25	1122	281957	803952	-	-	2	
UNDETERMINED	BR0418	-	1510	282359	804234	204	-	3	
UNDETERMINED	BR0987	-	230	280213	803533	-	-	4	
UNDETERMINED	BR1104	-	197	275224	802820	-	-	4	
UNDETERMINED	BR1128	-	841	280801	804016	-	-	2	
UNDETERMINED	BR1252	-	-	281142	803932	-	-	2	
UNDETERMINED	BR1102	-	-	280447	804001	-	-	2	
UNDETERMINED	BR1267	300	256	275356	802824	-	-	4	
UNDETERMINED	BR1107	-	-	275919	803552	-	-	4	
UNDETERMINED	BR1261	-	-	280751	804215	-	-	2	
UNDETERMINED	BR1136	-	-	275819	803155	-	-	2	
UNDETERMINED	BR1140	-	584	280003	804132	-	-	4	
UNDETERMINED	BR1094	-	-	281745	803651	-	-	2	
UNDETERMINED	BR1000	-	850	280054	803407	-	-	0	
UNDETERMINED	BR0254	-	732	275325	803916	-	-	2	PLUGGED
UNDETERMINED	BR1272	-	-	275956	803803	-	-	4	
UNDETERMINED	BR1091	6.5	661	281018	803714	-	-	4	
UNDETERMINED	BR1001	-	440	280444	804345	299	82	2	CAPPED 1987
UNDETERMINED	BR1026	-	-	275658	803219	-	-	4	
VAN ORSDALE	BR0639	-	-	280949	803832	255	82	4	CAPPED 4-14-86
WALLACE, JAY	BR1093	-	-	281426	803916	-	-	2	
WEBER	BR0744	-	-	282019	804627	228	104	6	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
WEBER	BR0478	-	-	282033	804634	300	91	4	
WEBER RANCH	BR1098	-	-	282040	804646	-	-	6	
WEBER RANCH	BR1097	-	-	282040	804621	-	-	3	
WEGERIF, E.L.	BR0710	-	1190	281816	804053	-	-	6	
WEGERIF, E.L.	BR0712	-	-	281820	804058	-	-	6	
WICKHAM PARK	BR0382	200	548	280934	803946	600	105	4	
WILLIAMS, BELL	BR1072	-	-	280835	803854	-	-	4	
WILLIAMS, COOPER	BR1174	-	-	280319	803558	-	-	2	
WOODSON, J.W.	BR1178	-	-	280953	803841	-	-	2.5	
WOOTEN, WARREN	BR0396	-	1149	281552	804110	-	-	6	PLUGGED
ZONOTTI, GLEN	BR1235	50	297	280750	804216	-	-	4	
TOTAL	183	6016							
CLAY COUNTY									
AMOCO	C-0402	-	9	300427	815151	-	-	2	
CASTLE, MARK	C-0433	-	-	300123	814232	-	-	0	VALVED 4-4-86
DRIGGERS	C-0006	-	5	295144	813717	600	-	6	VALVED 12-18-86
FLORIDA SOLITE CO.	C-0271	5	-	300403	814544	-	-	0	VALVED
HORN, JOHN	C-0389	-	-	300517	814147	-	-	0	VALVED 7-19-90
IVEY, G.P.	C-0001	-	3.7	300048	814143	385	300	3	VALVED 6-13-89
JACKSON, JULIAN	C-0446	-	-	300308	815311	-	-	2	
JENNINGS	C-0010	50	17	300850	815520	330	300	3	VALVED 9-1-88
JENNINGS, BRYAN JR	C-0378	-	5	300427	815038	-	-	2	VALVED 2-6-89
JENNINGS, BRYAN JR	C-0377	-	4	300427	815038	-	-	3	CAPPED 2-6-89
JENNINGS, GAURDIAU	C-0432	-	-	300450	814543	-	-	3	PLUGGED 8-14-85
JIFFY	C-0012	5	7	300031	814141	-	-	3	CAPPED 8-88
KNIEBES	C-0011	40	5	300030	814138	-	-	6	VALVED 8-22-86
NESITT, THOMAS	C-0445	-	-	300151	815146	-	-	4	
SILCOX, BILLY	C-0431	-	-	300533	814633	-	-	5	VALVED 8-21-86
STEPHENS, HINSON	C-0484	-	-	300914	814153	-	-	0	
STOKE	C-0008	5	15	300445	814855	-	-	6	10-17-86
THEOBALD, GEORGE	C-0468	-	-	300553	814603	-	-	4	
THEOBALD, GEORGE	C-0118	-	5	300551	814601	-	-	6	
THEOBALD, GEORGE	C-0374	-	-	300553	814603	-	-	4	VALVED 6-7-88
UNDETERMINED	C-0430	-	5	300601	814631	-	-	0	VALVED 8-6-90
UNDETERMINED	C-0401	-	-	300554	814528	-	-	0	
UNDETERMINED	C-0376	-	-	300435	815217	-	-	3	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
UNDETERMINED	C-0429	-	-	295654	813953	-	-	4	
TOTAL	24	105							
DUVAL COUNTY									
BRADOCK	D-1223	-	-	302945	814435	-	-	2	
BROWN, A.T.	D-0107	-	21	302319	813649	-	-	6	
CITY OF JACKSONVILLE	D-2559	-	-	302744	814217	-	-	8	PLUGGED 4-88
DEVEVO	D-4586	-	-	301661	814357	-	-	8	
DUBOW, LAWRENCE	D-0436	5	30	301135	813413	-	-	3	VALVED 6-9-88
FORSYTHE, SANDY	D-4553	15	37	301924	812422	-	-	3	VALVED 10-7-87
GRAN CENTRAL CORP.	D-0689	40	36	300755	813057	-	-	3	VALVED 7-13-88
JAX INT AIRPORT	D-1222	-	-	302843	814051	-	-	4	VALVED 8-29-90
MCQUAIG, E.A	D-0695	-	24	300737	813004	-	-	3	VALVED 12-15-88
MHOON, G.A.	D-0692	70	33	302109	812840	-	-	3	CAPPED
MONTGOMERY COR INST	D-1242	-	-	303247	814241	-	-	6	
MONTGOMERY COR INST	D-1245	-	-	303250	814347	-	-	2	
MONTGOMERY COR INST	D-1244	-	-	303241	814307	-	-	4	
MONTGOMERY COR INST	D-1243	-	-	303311	814251	-	-	4	
MONTGOMERY COR INST	D-1240	-	-	303247	814340	-	-	4	
MONTGOMERY COR INST	D-1241	-	-	303220	814328	-	-	4	
MONTGOMERY COR INST	D-1239	-	-	303229	814349	-	-	4	
MONTGOMERY COR INST	D-1230	-	-	303230	814309	-	-	2	
RIVERSIDE GROUP	D-0691	25	22	302305	813654	-	-	0	PLUGGED 8-7-81
SCROGGINS, GEORGE	D-0427	30	-	301658	813404	-	-	3	VALVED 7-5-88
SETZSER, LENER	D-1909	-	-	301203	813844	506	383	0	
STATE OF FLORIDA	D-0434	75	32	302441	812534	737	450	4	PLUGGED 10-7-87
UNDETERMINED	D-0428	20	25	302318	813647	-	-	6	PLUGGED 1980
UNDETERMINED	D-1908	5	22	301317	813016	-	-	2	
UNDETERMINED	D-1246	-	-	302320	813020	-	-	0	
UNDETERMINED	D-4583	-	-	303017	814153	-	-	3	
UNDETERMINED	D-1221	-	-	302847	814304	-	-	4	VALVED
UNDETERMINED	D-4607	-	-	302058	812358	-	-	6	
VORHEES	D-1008	-	37	301934	814257	-	-	3	
WINGATE, OWEN	D-1226	-	23	303103	813824	-	-	4	VALVED 8-24-90
TOTAL	30	285							

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
FLAGLER COUNTY									
PUBLIC DOMAIN	F-0239	-	-	292525	812530	-	-	2	
UNDETERMINED	F-0035	-	-	292521	812553	-	-	0	
UNDETERMINED	F-0288	1	940	292522	812538	-	-	3	
TOTAL	3	1							
INDIAN RIVER COUNTY									
AMATO, FRANK	IR0486	-	-	273548	802529	-	-	6	VALVED 1987
AUSTIN, BONNIE	IR0601	-	-	274550	803602	-	-	4	
BARATTA	IR0469	-	779	273525	802935	904	296	8	
BUFALO, JERRY	IR0603	-	-	274455	803140	-	-	4	
CROSS TRIANGLE INC	IR0602	-	-	274527	803655	-	-	6	
DERMONDY, H. M.	IR0600	-	-	273818	802548	-	-	0	
DOT	IR0608	-	-	274120	802445	-	-	3	
DOT	IR0508	-	-	274506	802558	-	-	0	VALVED 9-19-89
DOT	IR0607	-	-	274021	802426	-	-	2	
DOT	IR0609	-	-	273950	802418	-	-	6	
FISCHER, HENRY	IR0604	-	-	274832	802951	-	-	2	
GDC	IR0291	-	320	274719	802725	-	-	3	
GDC	IR0517	-	342	274531	802807	-	-	0	CAPPED 7-30-90
GRAVES BROS. CO.	IR0288	-	-	274448	802618	-	-	2	
HILL	IR0585	-	256	273820	802612	-	-	4	
HILL	IR0584	-	-	273820	802609	-	-	2	
HILL	IR0583	-	-	273832	802616	-	-	3	
INDIAN RIVER COUNTY	IR0303	-	-	274406	803118	-	-	4	
INDIAN RIVER COUNTY	IR0128	-	-	273650	802423	-	-	4	VALVED 9-18-86
INDIAN RIVER COUNTY	IR0305	-	-	273404	802302	-	-	5	VALVED
I. R. COUNTY MC.	IR0249	144	284	275048	802635	-	-	4	VALVED
KNIGHT, C. REED	IR0225	-	514	273949	802321	-	-	6	
KRAFT, KURT H.	IR0145	-	560	273720	802256	-	-	6	
MCCUE, JOHN	IR0351	-	450	273931	802754	-	-	4	
MIAMI GARDENS INC.	IR0493	-	392	274512	803119	-	-	0	VALVED 8-23-90
MILLER, ROLAND	IR0526	-	-	274626	803614	-	-	4	VALVED 11-3-89
PRINCE, KENNETH	IR0311	-	662	273825	804613	-	-	6	
PRINCE, KENNETH	IR0316	-	662	273815	804546	-	-	8	
PROCTOR, E.C.	IR0521	-	-	274305	802541	-	-	3	
RICHARDSON, CECIL	IR0598	-	-	273833	803000	-	-	4	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
RICHTER, DARLA	IR0805	-	-	273848	802611	-	-	0	
RYALL GROVES	IR0501	-	-	274421	802823	-	-	2	
STOUGH, M.	IR0820	-	264	274524	802619	-	-	0	
STRAZZULLA BROS, INC	IR0198	-	180	273719	802256	941	333	6	
STRAZZULLA BROS, INC	IR0143	-	600	273719	802256	-	-	6	
TAKAHO GROVES CORP	IR0576	-	-	274124	802911	-	-	4	
TANEN	IR0467	-	-	273722	802248	-	-	4	
TANER, NATHAN	IR0502	-	-	273727	802255	-	-	0	VALVED 7-19-88
TAYLOR, E.W.	IR0515	-	-	274851	802814	-	-	3	VALVED 5-2-89
TEACHERS PLACE	IR0717	-	697	273705	802307	-	-	2	
TUERK, FRED	IR0034	2100	488	273747	803625	1110	158	10	
UNDETERMINED	IR0720	-	-	274306	802505	-	-	3	
UNDETERMINED	IR0719	15	-	273817	802633	-	-	4	
UNDETERMINED	IR0250	14	321	275111	802644	-	-	4	VALVED
UNDETERMINED	IR0499	-	-	274507	802600	-	-	2	
UNDETERMINED	IR0500	-	-	274509	802550	-	-	2	VALVED 7-19-88
UNDETERMINED	IR0509	-	-	275028	802858	-	-	2	
UNDETERMINED	IR0722	-	-	274809	802641	-	-	2	
UNDETERMINED	IR0568	-	-	274130	802845	-	-	4	
UNDETERMINED	IR0513	-	-	273924	802650	-	-	6	
UNDETERMINED	IR0714	-	-	273703	802630	-	-	3	
UNDETERMINED	IR0565	-	-	273818	802845	-	-	6	VALVED 8-7-90
UNDETERMINED	IR0566	-	-	273807	802549	-	-	3	
UNDETERMINED	IR0562	-	-	274028	802311	-	-	4	
VAN CORTLAND CORP	IR0599	-	-	274413	802533	-	-	6	
VARA INTERNATIONAL	IR0606	-	-	273739	802315	-	-	2	
VERO BEACH FARMS	IR0185	-	510	274523	803042	-	-	6	VALVED
TOTAL	57	2273							
LAKE COUNTY									
ANDREWS	L-0333	-	764	290913	813133	-	-	2	
BELCH	L-0313	-	-	291110	813424	-	-	2	VALVED 9-5-90
BELCH, JIM	L-0432	-	-	291140	813422	-	-	5	VALVED 10-15-85
COLLINGS, A.M.	L-0080	300	1360	291027	813211	-	-	10	
HONGELL, CARL	L-0433	-	-	291109	813432	-	-	5	VALVED 10-15-85
J & P PROPERTIES	L-0083	10	1023	290909	813123	-	-	2	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
J & P PROPERTIES	L-0085	-	-	290909	813125	-	-	2	
LUCAS, CURTIS	L-0429	-	1110	290947	813138	-	-	2	
LUCAS, CURTIS	L-0310	-	-	290946	813230	-	-	2	
MILLER, GARY	L-0316	-	-	290820	813104	-	-	2	
MILLER, GARY	L-0327	-	-	290818	813104	-	-	2	
PRICE, CLIFFORD	L-0081	40	410	291002	813127	-	-	4	VALVED 7-18-88
SJRWMD	L-0493	-	-	285205	814905	-	-	2	
SJRWMD	L-0296	-	-	284115	814205	80	80	4	
SJRWMD	L-0294	-	-	283958	814221	80	80	4	
SJRWMD	L-0607	-	-	285442	814624	-	-	4	
SJRWMD	L-0495	-	-	285205	814920	-	-	2	
SMITH, NEAL	L-0431	-	-	283715	814045	-	-	4	
UNDETERMINED	L-0437	-	-	290938	813415	-	-	2	
UNDETERMINED	L-0438	-	-	290937	813412	-	-	3	
UNDETERMINED	L-0434	-	216	290940	813130	-	-	2	
UNDETERMINED	L-0201	-	11	284929	812949	-	-	10	VALVED 4-22-89
TOTAL	22	350							
MARION COUNTY									
COUNTY RIGHT OF WAY	M-0003	2	10	291102	815933	-	-	4	CAPPED 10-3-88
FITZPATRICK, JOHN	M-0034	-	290	291730	813900	-	-	4	VALVED 5-30-89
FRANCIS	M-0282	-	-	291256	815906	-	-	10	
GEIGER, H.	M-0326	-	-	291739	813905	-	-	8	
HAXBY, R.J.	M-0325	1200	500	291745	813918	-	-	8	
HEINEMANN, G.C.	M-0008	-	-	291743	813915	-	-	6	VALVED 10-3-88
MOODY, LARRY	M-0004	200	150	291749	813534	-	-	6	
MOODY, LARRY	M-0009	250	185	291738	813520	137	85	6	
MOODY, LARRY	M-0035	-	251	291738	813520	100	-	6	
PONDEROSA SHORES	M-0082	200	-	291717	813503	205	-	6	VALVED 2-4-87
PONDEROSA SHORES	M-0066	200	-	291727	813504	156	102	6	VALVED 2-4-87
SEISER, R.	M-0138	-	-	291752	813918	243	180	4	
SJRWMD	M-0234	-	-	290001	814831	-	-	2	CAPPED 8-21-89
SJRWMD	M-0232	-	-	285946	814958	-	-	0	VALVED 8-21-89
SJRWMD	M-0240	-	-	285936	814959	-	-	4	VALVED 8-21-89
SJRWMD	M-0230	-	-	290121	814950	-	-	6	VALVED 8-21-89
SJRWMD	M-0343	-	-	290703	815539	-	-	3	
SJRWMD	M-0235	-	-	290247	815110	-	-	4	VALVED 8-21-89

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
UNDETERMINED	M-0253	-	150	291750	813928	-	-	6	CAPPED 7-18-86
UNDETERMINED	M-0298	-	-	291210	820350	-	-	2	
UNDETERMINED	M-0033	50	-	291740	813512	-	-	4	VALVED 10-5-88
UNDETERMINED	M-0299	-	-	291210	820350	-	-	6	
USDA FOREST SERVICE	M-0229	-	-	292101	814359	-	-	0	PLUGGED 2-23-89
USDA FOREST SERVICE	M-0348	-	-	292101	814359	-	-	0	
USDA FOREST SERVICE	M-0297	-	-	292101	814359	-	-	2	
USDA FOREST SERVICE	M-0228	-	-	292101	814359	-	-	0	CAPPED 2-23-89
USDA FOREST SERVICE	M-0219	-	-	292102	814405	-	-	6	PLUGGED
USDA FOREST SERVICE	M-0161	-	-	292547	814711	185	92	4	PLUGGED 2-23-89
VANCE, BILL	M-0002	-	-	292936	815510	65	-	4	
TOTAL	29	2102							
NASSAU COUNTY									
COCHRAN, JAMES	N-0028	-	28	303810	814557	-	-	2	CAPPED 8-16-88
JAX PROPERTIES	N-0191	-	-	303058	814734	-	-	3	
LIONS CLUB	N-0030	-	-	303541	814951	-	-	2	VALVED 9-90
MATANZAS PACKING CO.	N-0032	-	25	303354	813120	-	-	0	CAPPED 9-4-90
WILDER	N-0107	10	30	303405	813118	550	480	3	VALVED 8-16-88
TOTAL	5	10							
ORANGE COUNTY									
CHURCH CORP	OR0527	13.67	-	282053	805532	-	-	6	
CITY OF ORLANDO	OR0079	-	375	283417	805948	-	-	0	
CITY OF ORLANDO	OR0521	-	-	283411	805945	-	-	0	
CITY RIGHT OF WAY	OR0013	15	79	283214	805834	-	-	2	
GROSSENBACHER, C.	OR0503	-	-	284604	813016	-	-	6	
GROSSENBACHER, C.	OR0504	-	-	284605	813010	-	-	2	
MIDWAY FISH CAMP	OR0506	-	1800	283237	805602	480	-	4	
PEAKE, THOMAS	OR0505	-	-	283327	813820	-	-	4	
VICKERY, MARGARET	OR0519	-	444	283203	805826	-	-	4	
TOTAL	9	28.67							
PUTNAM COUNTY									
BATTAGLIA, GASPARE	P-0061	0	355	294110	813533	-	-	4	VALVED 10-25-88
BUCKES, LEON	P-0130	-	-	293949	813929	-	-	6	
CITY NAT BANK MIAMI	P-0764	-	71	294143	813946	-	-	2	
CITY OF PALATKA	P-0131	-	-	293855	813826	-	-	4	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
DNR	P-0127	-	-	293801	813835	-	-	2	
DOVE MEADOWS	P-0142	-	15	292537	813846	-	-	3	
ELDER	P-0112	-	-	294629	813559	-	-	4	VALVED 12-19-89
ELDRIDGE, LAWRENCE	P-0158	-	-	293418	813807	-	-	0	
FL. EAST COAST RR	P-0152	-	-	293850	813604	-	-	2	
FULWOOD, PAUL	P-0164	-	-	294023	813700	-	-	4	
FULWOOD, PAUL	P-0055	20	285	294012	813651	-	-	4	
GARDNER, ROBERT	P-0110	-	-	294629	813628	-	-	4	
GEORGIA PACIFIC	P-0068	5	175	294028	813937	-	-	2	
GREEN, STANTON	P-0133	-	-	293855	813744	-	-	4	
GRIFFIN, ANGEL	P-0714	-	-	293554	813823	-	-	4	
GULLEY, PAUL	P-0017	50	5	293439	815242	-	-	3	
HANCOCK, ADRIAN	P-0108	-	-	294721	813754	-	-	4	VALVED 12-19-89
HANSFORD, J.R.	P-0761	-	-	293951	813700	-	-	4	
HAROLD	P-0159	-	-	294020	813714	-	-	4	
LINDEN, RAYMOND	P-0783	-	138	294127	813745	-	-	2	
PADGET, JIM	P-0717	-	28	292549	813022	-	-	2	
PALATKA WATER WORKS	P-0139	-	-	293802	813830	-	-	6	CAPPED 4-13-90
PALATKA WATER WORKS	P-0141	-	-	293802	813832	-	-	6	CAPPED 4-13-90
PALATKA WATER WORKS	P-0140	-	-	293802	813831	-	-	6	CAPPED 4-13-90
PICKENS, KATHRYN	P-0124	-	23	292606	813022	-	-	4	VALVED 9-90
PICKENS, KATHRYN	P-0062	-	-	292606	813022	-	-	6	
PORT COVE MARINA	P-0701	-	-	292318	813819	-	-	3	
PUIG, RAFAEL	P-0058	60	155	294516	813456	-	-	6	VALVED 5-3-90
RAVINE GARDENS	P-0084	-	20	293758	813840	-	-	2	SPRING
RAVINE GARDENS	P-0085	-	23	293458	813839	-	-	2	SPRING
RAVINE GARDENS	P-0456	-	136	293750	813850	-	-	4	SPRING
RAVINE GARDENS	P-0457	-	22	293754	813846	-	-	2	SPRING
RAVINE GARDENS	P-0455	-	144	293750	813851	-	-	4	SPRING
RAVINE GARDENS	P-0454	-	125	293750	813853	-	-	4	SPRING
RAVINE GARDENS	P-0459	-	29	293806	813853	-	-	2	SPRING
RAVINE GARDENS	P-0458	-	23	293805	813852	-	-	2	SPRING
RENCHOFF, HARLAN	P-0702	-	-	292315	813830	-	-	1.5	
REVEL, ROBERT	P-0463	-	540	293957	813406	-	-	4	CAPPED 9-28-88
SAUTER, GEORGE	P-0065	40	3630	292138	813751	100	-	2	VALVED 6-30-90
SHIRLEY, BETTY	P-0109	-	-	294534	813613	-	-	4	VALVED 12-19-89

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
SJRWMD	P-0128	-	-	293004	814436	186	90	4	
ST JOHNS RIVERSIDE	P-0053	15	195	293531	813741	-	-	3	
STILLWELL, THOMAS	P-0568	50	182	293858	813543	-	-	3	
STONE, JOHN	P-0155	-	-	294250	813247	-	-	6	
SUGGS IR MD	P-0703	-	-	292600	813021	-	-	2	
THOMPSON, GERALD	P-0107	-	69	294905	813626	-	-	4	
TILTON	P-0452	-	671	294010	813429	-	-	4	VALVED 11-7-89
TOMAZIEFSKI, RAYMOND	P-0160	-	-	292553	813032	-	-	2	
UNDETERMINED	P-0707	-	-	294906	813619	-	-	4	
UNDETERMINED	P-0775	-	-	292515	813025	-	-	8	
UNDETERMINED	P-0708	-	-	293943	813650	-	-	4	
UNDETERMINED	P-0720	-	142	293900	813746	-	-	6	
UNDETERMINED	P-0059	25	180	293942	813612	-	-	4	VALVED 9-26-88
UNDETERMINED	P-0723	-	-	292518	813850	-	-	3	
UNDETERMINED	P-0111	-	-	294628	813658	-	-	4	VALVED 9-25-90
UNDETERMINED	P-0157	-	-	294232	820241	167	-	2	
UNDETERMINED	P-0089	-	47	292748	813111	-	-	8	VALVED 3-8-90
UNDETERMINED	P-0138	-	47	293842	813836	-	-	0	VALVED 5-29-90
UNDETERMINED	P-0135	-	-	293850	813801	-	-	3	VALVED 5-29-90
UNDETERMINED	P-0699	-	21	292552	813025	-	-	2	
UNDETERMINED	P-0136	-	-	293914	813854	-	-	0	VALVED 5-29-90
UNDETERMINED	P-0161	-	178	293849	813735	-	-	4	
UNDETERMINED	P-0156	-	-	294232	820241	-	-	0	
UNDETERMINED	P-0419	15	95	294145	813723	-	-	2	VALVED 9-26-88
UNDETERMINED	P-0113	-	-	294609	813603	-	-	6	
UNDETERMINED	P-0620	-	-	294017	813711	-	-	4	
UNDETERMINED	P-0137	-	-	293853	813720	-	-	0	VALVED 5-29-90
VON SCHEELE CO	P-0700	-	-	294336	815622	-	-	6	
WHITEHEAD	P-0463	-	-	293707	813647	246	142	4	VALVED 7-12-90
WHITE, NAOMI	P-0153	-	-	293930	813600	-	-	2	
WILLIAMS, DAVIS	P-0415	-	329	293834	813533	-	-	0	
WRIGHT, GEORGE	P-0718	-	-	294249	813134	-	-	4	
TOTAL	72	280							
ST. JOHNS COUNTY									
ARNOLD, JACK	SJ0008	-	-	295552	813317	-	-	4	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
CATHOLIC CHURCH	SJ0693	-	301	294252	812954	-	-	4	
CHEVRON U.S.A.	SJ0217	-	69	295330	811759	-	-	6	
DAVIS, J.E.	SJ0521	-	-	300405	812316	-	-	3	VALVED 7-84
DOT	SJ0560	-	168	295410	811845	-	-	6	
FAULKNER, MICHAEL	SJ0598	-	-	300753	812313	-	-	4	CAPPED 2-83
FRAZIER	SJ0018	-	-	300053	813508	-	-	4	VALVED
GREEN, STEVE	SJ0182	-	110	295514	811959	1500	-	4	
GUANO WILDLIFE MGT.	SJ0122	188	36	300533	812105	-	-	4	VALVED
GULF STREAM LAND & D	SJ0508	50	7	300338	813639	-	-	4	
HALLS NURSERY	SJ0015	-	23	295829	813341	-	-	4	VALVED
HARRIS, NICK	SJ0692	-	-	295247	811853	-	-	5	
HARRIS, NICK	SJ0689	-	-	295250	811858	-	-	6	
HASTINGS MANOR LTD	SJ0220	-	-	294244	813018	-	-	6	
JOHNS, DANNY	SJ0181	-	-	294014	812927	-	-	4	
LANGLEY, JAMES	SJ0529	-	-	294101	812904	-	-	6	VALVED
MILLER, ALLEN	SJ0567	20	-	294154	813016	-	-	4	CAPPED 4-8-83
OMAA INVESTMENTS	SJ0718	-	-	295327	811531	-	-	2	
PUBLIC DOMAIN	SJ0518	-	-	295144	811556	-	-	6	
ROBINSON, BEN	SJ0531	-	39	295114	812949	-	-	4	
ST JOHNS CO	SJ0891	-	-	295558	812900	-	-	8	
ST JOHNS CO	SJ0690	-	-	295551	812901	-	-	8	
ST JOHNS CTY R.WAY	SJ0513	50	45	295457	812643	346	130	4	
TUGGEL	SJ0006	-	-	295636	813222	-	-	3	VALVED
UNDETERMINED	SJ0509	66	100	300355	812309	-	-	4	VALVED 8-7-90
UNDETERMINED	SJ0506	30	54	295646	812638	-	-	4	
UNDETERMINED	SJ0510	10	160	295506	811909	-	-	6	VALVED 1981
UNDETERMINED	SJ0238	-	-	294807	812723	270	-	4	
UNDETERMINED	SJ0688	-	-	300118	811922	-	-	2	
UNDETERMINED	SJ0687	-	-	300548	812026	-	-	2	
UNDETERMINED	SJ0239	-	-	295702	812954	-	-	6	VALVED 9-13-90
UNDETERMINED	SJ0240	-	20	300839	812322	-	-	4	
UNDETERMINED	SJ0569	10	67	295638	812014	-	-	0	VALVED 1988
UNDETERMINED	SJ0505	60	3500	295751	812653	-	-	4	
UNDETERMINED	SJ0530	-	-	294052	812906	-	-	6	
UNDETERMINED	SJ0514	-	20	300738	812304	-	-	6	VALVED
UNDETERMINED	SJ0519	-	73	295539	811744	-	-	6	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
UNDETERMINED	SJ0696	-	-	295313	811904	-	-	5	
UNDETERMINED	SJ0695	-	-	294043	812819	-	-	4	
UNDETERMINED	SJ0520	-	65	295536	811743	-	-	4	
UNDETERMINED	SJ0583	-	-	294154	813048	-	-	2	VALVED
WESLEY MANOR	SJ0694	-	-	300741	813714	-	-	4	
TOTAL	42	484							
SEMNOLE COUNTY									
AIRE, C.M.	S-0743	-	-	284123	811241	-	-	2	
BAJRANGI, REFENDRW	S-0834	-	-	284806	811753	-	-	3	
BALL, T.B.	S-0971	-	-	284830	811808	-	-	3	
BASS	S-0613	-	-	284805	811908	-	-	2.5	
BASS	S-0612	-	-	284919	811902	-	-	2	VALVED 8-10-89
BBW QUALITY GROWERS	S-0549	-	-	284134	811052	-	-	0	VALVED 2-9-89
BBW QUALITY GROWERS	S-0258	-	-	284134	811050	-	-	0	VALVED 2-9-89
BROWN, GEORGE	S-0668	-	538	284817	811333	-	-	2	VALVED 4-1-89
BROWN, GEORGE	S-0667	-	544	284819	811333	-	-	2	VALVED 4-1-89
BROWN, GEORGE	S-0676	-	478	284807	811332	-	-	1.5	VALVED 4-1-89
BROWN, GEORGE	S-0675	-	484	284820	811332	-	-	2	VALVED 4-1-89
BROWN, GEORGE	S-0671	-	509	284808	811339	-	-	2	VALVED 4-1-89
BURGOON, RICHARD	S-0746	-	-	284157	811131	-	-	0	
CAMERON CITY GRV PTN	S-0513	0	-	284550	811248	-	-	6	
CARR, D. TRUSTEE	S-0795	-	-	284901	811821	-	-	0	PLUGGED 11-14-85
CARR, D. TRUSTEE	S-0793	-	-	284901	811821	-	-	0	PLUGGED 11-4-85
CARR, D. TRUSTEE	S-0794	-	-	284901	811821	-	-	0	PLUGGED 11-4-85
CLARENCE, REX	S-0757	-	-	284207	811159	-	-	6	VALVED 9-19-90
CLARENCE, REX	S-0748	-	-	284207	811158	-	-	4	VALVED 9-18-90
CLARK, A.	S-0816	-	-	284604	811243	-	-	0	
CLARK, A.	S-0826	-	-	284612	811228	-	-	1.5	
CLARK, A.	S-0825	-	-	284611	811227	-	-	2	
CLASSIC CONSTRUCTION	S-0843	-	428	284805	811355	-	-	3	
CLASSIC CONSTRUCTION	S-0841	-	428	284809	811345	-	-	3	
CLASSIC CONSTRUCTION	S-0840	25	440	284807	811345	-	-	2	
CLASSIC CONSTRUCTION	S-0690	-	540	284812	811356	-	-	3	
CLASSIC CONSTRUCTION	S-0838	52	452	284813	811351	-	-	3	
CLASSIC CONSTRUCTION	S-0839	-	-	284807	811354	-	-	4	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
CLASSIC CONSTRUCTION	S-0837	57	428	284807	811353	-	-	3	
CLASSIC CONSTRUCTION	S-0836	-	432	284805	811353	-	-	3	
COMMONWEALTH ENG	S-0784	-	-	283855	811038	-	-	0	
CSX RAILROAD	S-0533	0	-	284939	811918	-	-	2	
DEKLE, HAROLD	S-0767	-	-	284822	811828	-	-	2	
DUDA, EMILY	S-0849	-	-	283921	811342	-	-	1.5	
DUNN, DON	S-0689	-	430	284629	811308	-	-	2	
ELPIDIO, LUGO	S-0259	-	-	284143	811117	-	-	4	
FARNAR & GREENLEE	S-0763	-	-	284840	811930	-	-	0	VALVED 1986
FLOWERS, CLYDE	S-0770	-	-	284806	811320	-	-	2	
HAUSER	S-0737	-	599	284155	811133	-	-	3	
JACOBS	S-0742	-	-	284122	811245	-	-	2	
KASTNER, VIOLA	S-0948	-	-	284855	811848	-	-	4	
KASTNER, VIOLA	S-0960	-	-	284846	811848	-	-	2	
KASTNER, VIOLA	S-0630	-	-	284840	811954	-	-	1.5	
KASTNER, VIOLA	S-0970	-	-	284910	811833	-	-	4	
KASTNER, VIOLA	S-0959	-	-	284846	811848	-	-	2	
KASTNER, VIOLA	S-0950	-	-	284859	811848	-	-	2	
KASTNER, VIOLA	S-0958	-	-	284844	811848	-	-	3	
KASTNER, VIOLA	S-0949	-	-	284856	811848	-	-	2	
KING, A.J.	S-0750	-	370	284201	811235	-	-	3	VALVED 9-18-90
KING, A.J.	S-0751	-	407	284201	811234	-	-	4	VALVED 9-18-90
KING, A.J.	S-0752	-	324	284201	811228	-	-	4	VALVED 9-18-90
KING, ROBERT	S-0747	-	-	284200	811223	-	-	2	
KIRCHHOFF, BILL	S-0562	-	406	284905	811803	-	-	3	
KIRCHHOFF, BILL	S-0565	-	344	284857	811803	-	-	2	
KIRCHHOFF, BILL	S-0875	-	-	284552	811252	-	-	6	
KIRCHHOFF, BILL	S-0903	-	-	284704	811319	-	-	3	
LITTLE, LORENE	S-0781	-	-	284524	811205	-	-	0	
MAHNKEN, M.E.	S-0953	-	-	284922	811929	-	-	3	
MAHNKEN, M.E.	S-0952	-	-	284922	811932	-	-	3	
MAHNKEN, M.E.	S-0951	-	-	284922	811935	-	-	3	
MARONDA HOMES	S-0600	-	-	284915	811927	-	-	3	VALVED 7-12-88
MARONDA HOMES	S-0974	-	-	284918	811919	-	-	2.5	
MCKINNEY	S-0518	0	-	284849	812023	-	-	2	
MERIWETHER	S-0574	-	563	284753	811326	-	-	0	VALVED 8-8-89

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
MERIWETHER, W.	S-0977	25	-	284821	811311	-	-	2	
MERIWETHER, W.	S-0976	-	-	284811	811310	-	-	2	
NELSON AND CO.	S-0791	-	-	284303	811139	-	-	4	
NUTTING, CHARLES	S-0786	-	-	284037	811005	-	-	1.5	VALVED 8-21-83
PALM RANCH	S-0782	-	-	284717	811244	-	-	0	
PALM RANCH	S-0783	-	-	284717	811244	-	-	0	
PARKER, ELIZABETH	S-0886	-	-	284748	811539	-	-	3	
PARKER, MERLE	S-0061	-	-	284400	811624	-	-	0	CAPPED 7-31-90
PRESCOTT, W.W.	S-0281	-	222	284931	812116	-	-	4	
QUATTLEBAUM, MILTON	S-0059	-	191	284153	811014	-	-	6.5	VALVED 1985
REHRENS, GERALD	S-0759	-	532	284856	811854	-	-	2.5	
RIDNER, RON	S-0772	-	424	284359	811627	-	-	2	
SCHUMACHER, H.	S-0724	-	-	284400	811723	-	-	2	
SCHURIMSHER LAND	S-0788	-	-	284203	811536	-	-	2	
SEMINOLE CNTY RD DEP	S-0537	0	965	284155	811049	-	-	4	
SEMINOLE COUNTY	S-0773	-	-	273823	811451	-	-	0	
SEMINOLE COUNTY R/W	S-0679	-	-	284623	811236	-	-	2	
SMITH, D.O.	S-0553	-	-	284809	811823	-	-	1.5	
SNYDER, KENNETH	S-0062	-	489	284400	811620	-	-	4.5	VALVED 12-3-85
SUTAY, LINDA	S-0064	-	1010	284153	811018	-	-	0	
TAKVORIAN, THEODORE	S-0844	-	-	284521	811324	-	-	2	
TAKVORIAN, THEODORE	S-0873	1	1100	284523	811328	-	-	2	
THOMPSON, CLARENCE	S-0897	-	-	284804	811407	-	-	2	
U OF FLA IFAS	S-0503	68.6	-	284815	811400	-	-	3	VALVED 1989
UNDETERMINED	S-0964	-	-	284856	811740	-	-	2	
UNDETERMINED	S-0583	-	89	285003	812150	-	-	3.5	
UNDETERMINED	S-0582	-	89	285004	812151	-	-	1	
UNDETERMINED	S-0837	20	-	284804	811346	-	-	2	
UNDETERMINED	S-0289	-	-	284825	811809	-	-	0	
UNDETERMINED	S-0551	-	88	285000	812147	-	-	4	
UNDETERMINED	S-0963	-	-	284857	811740	-	-	2	
UNDETERMINED	S-0290	-	-	284826	811816	-	-	2	
UNDETERMINED	S-0543	-	105	284914	811854	-	-	2.5	
UNDETERMINED	S-0115	-	-	284222	812616	-	-	2	VALVED 8-10-88
UNDETERMINED	S-0292	-	-	284826	811818	-	-	3	

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
UNDETERMINED	S-0291	-	-	284827	811818	-	-	3	
UNDETERMINED	S-0842	-	-	284855	811853	-	-	3	
UNDETERMINED	S-0916	-	-	284716	811238	-	-	4	
UNDETERMINED	S-0782	-	419	284150	811219	-	-	6	VALVED 9-18-90
UNDETERMINED	S-0768	-	-	284728	811320	-	-	2	VALVED 9-19-90
UNDETERMINED	S-0758	-	-	284838	811842	-	-	2	VALVED 9-19-90
UNDETERMINED	S-0760	-	-	284825	811808	-	-	3	VALVED 9-19-90
UNDETERMINED	S-0761	-	-	284919	811740	-	-	2	VALVED 9-19-90
UNDETERMINED	S-0763	-	-	284130	811202	-	-	2.5	VALVED 9-18-90
UNDETERMINED	S-0765	-	-	284848	811855	-	-	3	VALVED 9-20-90
UNDETERMINED	S-0915	-	-	284716	811241	-	-	3	
UNDETERMINED	S-0769	-	-	284732	811422	-	-	2.5	VALVED 9-19-90
UNDETERMINED	S-0771	-	-	284360	811827	-	-	3	CAPPED 9-19-90
UNDETERMINED	S-0775	-	-	284420	811526	-	-	3	VALVED 9-19-90
UNDETERMINED	S-0756	-	-	284827	811809	-	-	3	VALVED 9-19-90
UNDETERMINED	S-0925	-	-	284822	811456	-	-	3	
UNDETERMINED	S-0749	-	-	284320	811121	-	-	4	VALVED 9-18-90
UNDETERMINED	S-0888	-	-	284742	811353	-	-	0	
UNDETERMINED	S-0902	-	-	284759	811322	-	-	3	
UNDETERMINED	S-0901	-	576	284801	811322	-	-	3	
UNDETERMINED	S-0790	-	-	284922	811911	-	-	2	
UNDETERMINED	S-0735	-	774	284155	811045	-	-	2	
UNDETERMINED	S-0878	-	-	284732	811335	-	-	4	
VAN NESS	S-0528	0	-	284832	811749	-	-	1.5	
VESTRY	S-0546	38.46	-	284854	811222	-	-	4	
WATSON, JOE	S-0652	-	-	284748	811255	-	-	0	
WATSON, JOE	S-0653	-	-	284753	811258	-	-	0	
WATSON, JOE	S-0654	-	-	284736	811259	-	-	0	
WEAVER, DONALD	S-0745	-	-	284156	811141	-	-	4	
TOTAL	128	287.1							
VOLUSIA COUNTY									
FEISER DAIRY	V-0497	-	13	290917	812222	-	-	4	VALVED 10-27-88
FPL	V-0579	-	-	285155	811905	124	-	8	
LANDRETH	V-0495	8	-	285606	810614	-	-	2	CAPPED 10-29-87
MCKINNEY, SANDRA	V-0597	-	-	285024	811911	-	-	2	
MOWERY, WILLIAM	V-0509	-	-	290928	812206	-	-	0	VALVED 7-31-90

WELL OWNER	WELL ID	FLOW GPM	CL PPM	LATITUDE	LONGITUDE	WELL DEPTH	CASED DEPTH	WELL DIAM	COMMENTS
PEARSON, J.E.	V-0059	-	-	285621	810538	-	-	1	VALVED 7-31-90
PEARSON, J.E.	V-0080	-	-	285621	810538	-	-	2	VALVED 11-1-88
SJRWMD	V-0065	-	11	291508	813028	180	97	4	VALVED 2-6-89
THOFEHRN, GEORGE	V-0511	-	-	290931	812203	-	-	0	
VADNAIS, ARMAND	V-0534	-	12	291727	812901	-	-	4	
VADNAIS, ARMAND	V-0095	-	6	291728	812854	180	-	4	
VOLUSIA COUNTY	V-0182	5	-	290134	805727	-	-	2	
WEBSTER, TOM	V-0213	-	38	290930	812302	145	143	2	VALVED 8-14-90
W.L. TOMPKINS-LEASEE	V-0074	-	-	290915	812157	-	-	4	
TOTAL	14	13							
DISTRICT TOTAL	818	12235							