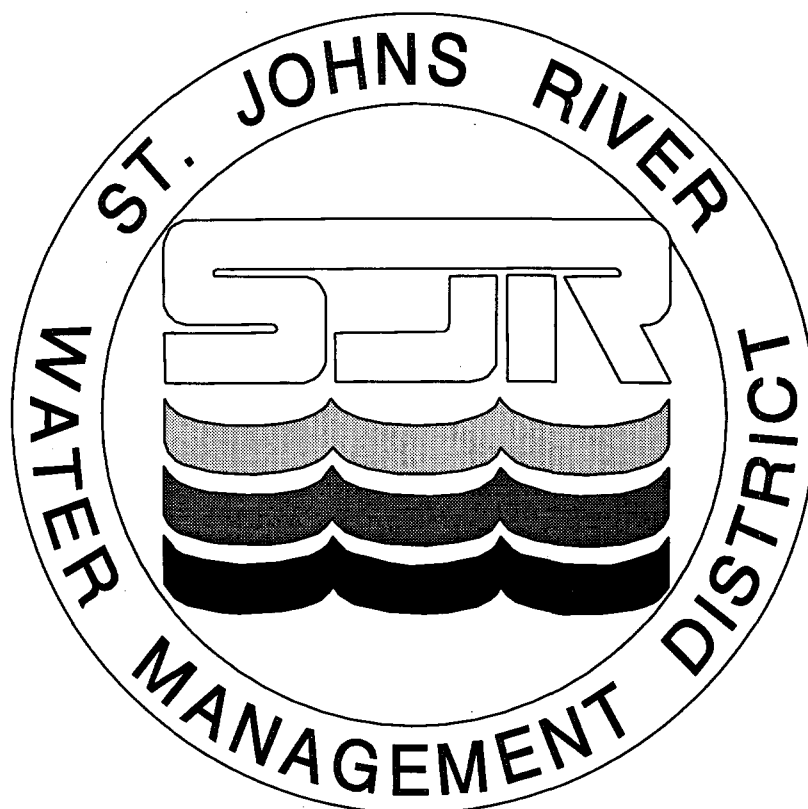
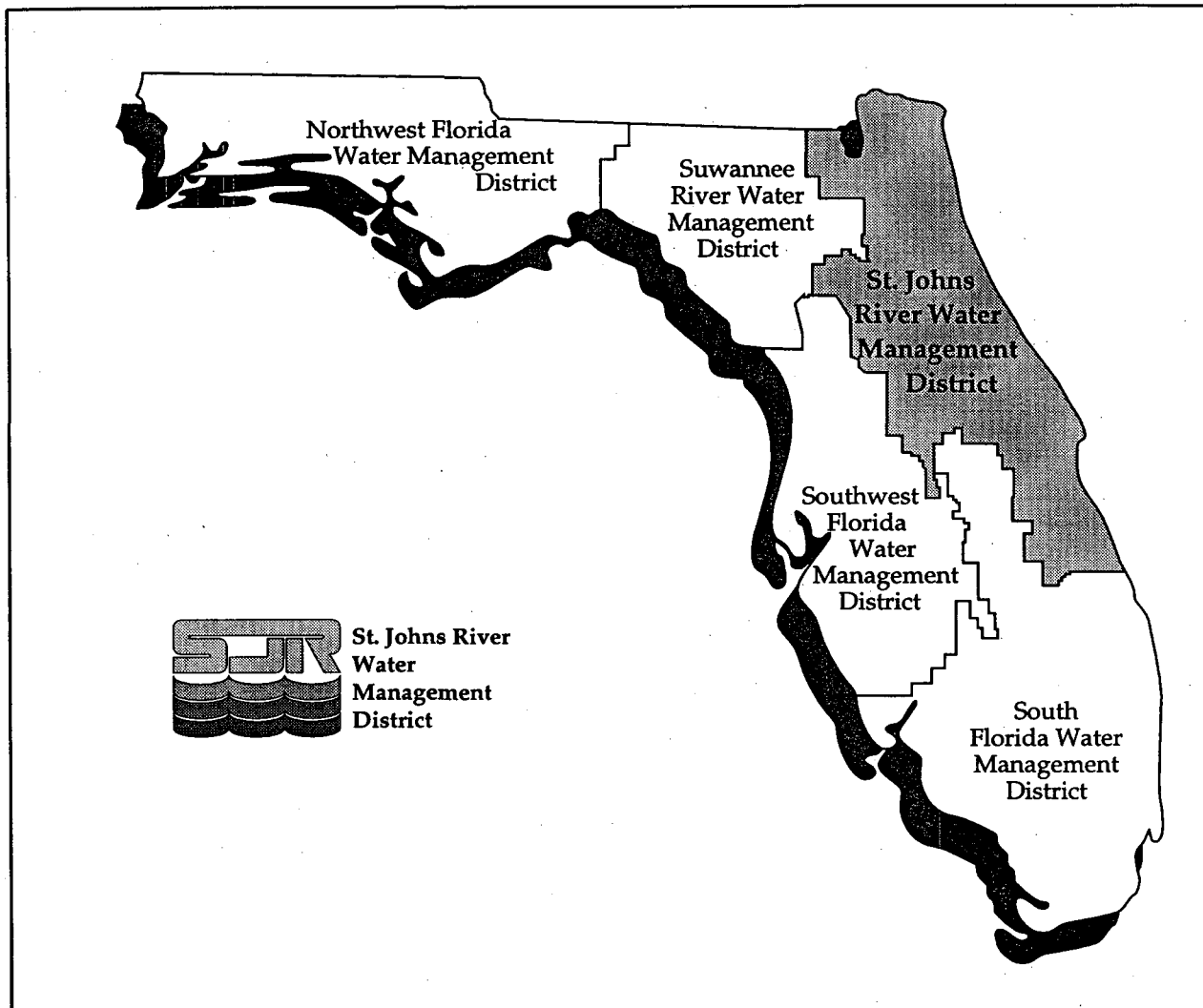


Special Publication SJ98-SP16

Annual Report on  
Abandoned Artesian Wells  
1995  
(October 1994 through September 1995)





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 both 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.

Special Publications 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 thirteenth annual report on the inventory of abandoned artesian wells in the St. Johns River Water Management District (SJRWMD) and on the work plan for controlling or plugging inventoried wells. This report covers the fiscal year (FY) October 1, 1994, through September 30, 1995.

As of September 30, 1995, the cumulative number of artesian wells identified under the abandoned artesian well plugging program was 2,447. Of this total, 581 need to be controlled, 1,076 have been plugged or repaired through the SJRWMD cost-share program, and 790 have been plugged or repaired by the well owners.

In FY 1994–95, a total of 134 wells were plugged or repaired, saving an estimated 29.23 million gallons per day (mgd) of water. Plugging or repairing wells through the SJRWMD cost-share program has saved an estimated total of 256.57 mgd of water from 1976 through September 1995.

FY 1994–95 total costs for the well plugging program were \$517,326.32, or \$3,860.64 per well (based on 134 wells). The total costs for the well plugging program from October 1980 through September 1995, were \$3,351,958.81, or \$3,115.20 per well (based on 1,076 wells).

Using the current average cost per well, an estimated \$2,243,032 will be needed to plug or repair the remaining 581 abandoned artesian wells currently identified within SJRWMD. A percentage of these costs is reimbursed to SJRWMD through cooperative agreements. At an average rate of 97 wells per year, it will be September 2002 before all of these wells are plugged or repaired.





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**Abandoned Artesian Wells: 1995**

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## INTRODUCTION

Uncontrolled or improperly constructed artesian wells have a major effect on the quantity and quality of Florida's groundwater resources. Wells have been drilled that do not meet current well construction standards. These wells should be plugged or repaired because of problems associated with the poor construction techniques. In addition to poor construction, many of these wells were drilled decades ago, and poor water quality has caused deterioration of the well casing and subsequent leaking.

In the St. Johns River Water Management District (SJRWMD), the Floridan aquifer system is the main source of artesian flow for these wells. This aquifer system 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 system, 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 thirteenth annual report on the inventory of abandoned artesian wells in SJRWMD and on the work plan for controlling or plugging inventoried wells. This report covers the fiscal year (FY) October 1, 1994, through September 30, 1995.



## HISTORY OF WELL PLUGGING

### LEGISLATION

In the early 1950s, severe drought conditions prompted the passage of regulations to prevent the waste of water from abandoned artesian wells. Sections 373.051-.055, *FS* (1953), required that working valves or caps be installed on all abandoned artesian wells. In 1957, the Florida Legislature adopted Sections 373.021-.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 was minimal. In 1972, the Florida Legislature established five water management districts, and the rules covering 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. In addition, an annual report was to be provided to FDER in each succeeding year until all of the wells were plugged or until January 1, 1992, whichever was later (Section 373.207, *FS* [1991]). As of July 1, 1993, reports are to be submitted to the Florida Department of Environmental Protection (formerly FDER). The number of wells and flow calculations presented in these annual reports may not correlate between years. Any discrepancies are related to (1) improvements in estimating flow rates (more wells have been measured) and (2) minor corrections to the database.

### WELL PLUGGING PRIOR TO OCTOBER 1994

SJRWMD began plugging wells in 1976. Well plugging began as a cooperative program with the Agricultural Stabilization and Conservation Service (ASCS) to improve water quality in irrigation wells. This program consisted of partially back-plugging wells that had been drilled into freshwater that had become saline water.

SJRWMD provided technical assistance, and well owners shared plugging costs with ASCS.

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 agreement was renewed annually. In FY 1990–91, the agreement was renewed for the sole purpose of plugging mosquito control wells. In January 1992, an agreement was executed to provide for controlling wells in non-mosquito control areas only. The agreement signed in April 1993 covered both mosquito control and non-mosquito control wells. This agreement was renewed in April 1994. As of the end of September 1994, 371 wells had been plugged or repaired, saving an estimated 96.40 million gallons per day (mgd) of water (Davis 1995). Most of these wells were plugged under the auspices of these agreements.

In 1986, SJRWMD initiated a cost-share program for individuals who own wells in counties that did not have a cooperative program with SJRWMD. This program also is available to well owners in counties that have a cooperative program, primarily for use when funding is no longer available through the county agreement. In December 1994, SJRWMD revised the cost-share guidelines. The revised guidelines categorize financial obligations based on a combination of well ownership and land use. Home owners with homestead exemption 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 each would pay \$600. If the total cost were \$1,900, the owner would pay \$600 and SJRWMD would pay the balance of \$1,300. This cost-share program is ongoing. As of the end of September 1994, 167 wells had been plugged or repaired through this program, saving an estimated 35.42 mgd of water (Table 1) (Davis 1995).

In 1988, SJRWMD and the Seminole Soil and Water Conservation District 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, the Seminole Soil and Water Conservation District, and Seminole County. This project was funded by the Florida Department of Agriculture and Consumer Services.



Table 1. Number of wells plugged or repaired under the individual cost-share program as of September 30, 1994, and the estimated amount of water saved

County	Number of Wells Plugged or Repaired	Flow (mgd)
Baker	1	0.00
Brevard	18	9.01
Clay	7	0.91
Duval	10	3.02
Indian River	21	11.52
Lake	20	0.17
Marion	23	0.10
Nassau	6	0.17
Orange	2	0.06
Putnam	4	0.07
St. Johns	24	8.93
Seminole	12	0.58
Volusia	19	0.88
Total	167	35.42

Note: mgd = million gallons per day

Source: Davis 1995

Seminole County contributed funds to plug wells located on county-owned property. There was no cost to the individual well owner. No agreements were signed during FY 1990-91 and FY 1991-92. In August 1993, SJRWMD and Seminole County signed an agreement to plug or repair wells. This agreement was renewed in February 1994. As of the end of September 1994, 185 wells had been plugged or repaired in Seminole County, saving an estimated 12.92 mgd of water (Davis 1995).

In 1989, SJRWMD and ASCS signed a Memorandum of Understanding which provided funds to plug or repair wells located on active agricultural land. This Memorandum of Understanding has been renewed each year. As of the end of September 1994, 17 wells had been plugged and 18 wells had been repaired, saving an estimated 7.41 mgd of water (Davis 1995).

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 the end of September 1994, 37 wells had been plugged or repaired in Duval County, either through the SJRWMD and City of Jacksonville cooperative agreement or through the individual cost-share program, saving an estimated 25.16 mgd of water (Davis 1995).

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 the end of September 1994, 154 wells had been plugged or repaired through the SJRWMD and Indian River County cooperative agreement, the ASCS agreement, or the individual cost-share program, saving an estimated 63.95 mgd of water (Davis 1995).

In 1990, an informal agreement was made with Orange County wherein the 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). This agreement was not renewed.

In 1990, Putnam County signed a cooperative agreement with SJRWMD to plug wells in that county. As of September 30, 1991, four wells had been plugged through this agreement, saving an estimated 0.274 mgd of water (Steele 1992). This agreement was not renewed.

In 1990, St. Johns County signed a cooperative agreement with SJRWMD to plug wells in that county. Also, through an agreement between SJRWMD and the Health and Rehabilitative Services of St. Johns County, a position was funded for a person who would locate the abandoned artesian wells. As of September 30, 1991, two wells had been plugged through these agreements, saving an estimated 0.216 mgd of water (Steele 1992). These agreements were not renewed.

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 the county. In return, SJRWMD would plug the wells, matching the amount spent by Volusia County. As of September 30,

1991, two wells had been plugged through this agreement, saving an estimated 1.152 mgd of water (Steele 1992). This agreement was not renewed.

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 past agricultural use. As of the end of September 1994, 127 wells had been plugged or repaired on SJRWMD property, saving an estimated 33.36 mgd of water (Table 2).

Table 2. Number of wells plugged or repaired on St. Johns River Water Management District property as of September 30, 1994, and the estimated amount of water saved

County	Number of Wells Plugged or Repaired	Flow (mgd)
Brevard	37	11.71
Indian River	47	19.33
Lake	19	0.07
Marion	19	2.10
Orange	1	0.11
Osceola	3	0.00
Volusia	1	0.04
Total	127	33.36

Note: mgd = million gallons per day

Source: Davis 1995

Prior to 1991, SJRWMD had plugged or repaired 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.

**Abandoned Artesian Wells: 1995**

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## THE WELL PLUGGING PROGRAM

### PROGRAM GOAL

The goal of this program is to assure the continued availability of groundwater resources by detecting, evaluating, and controlling abandoned artesian wells. The program seeks, and is designed to actively encourage, public participation in detecting problem wells. Control and remediation of abandoned wells is achieved by sharing plugging costs with other governmental entities and well owners.

### Long-Term Objectives

- Continue to improve the early detection of abandoned artesian wells by improved coordination with local governments.
- Increase awareness of the issues associated with abandoned water wells.
- Identify areas with the potential for adverse impact from interaquifer flow through well bores.

### Short-Term Objectives

- Continue to improve geophysical logging capability in order to collect more hydrogeologic information from abandoned wells.
- Evaluate abandoned wells for possible inclusion in the District Observation Well Network (DOWN).
- Prepare work orders in a timely fashion to improve field operations planning.
- Improve the database for tracking abandoned wells.
- Assure early detection of problem wells on SJRWMD lands.

- Expand and improve cooperative cost-share programs with local cooperators.

## INVENTORY

Different estimates have been made on the number of abandoned artesian wells located in SJRWMD. Initially, the Florida Geological Survey estimated that there were 715 abandoned artesian wells in SJRWMD (Hendry and Lavender 1959). The U.S. Geological Survey estimated that there were approximately 5,000 abandoned artesian wells in SJRWMD (Healy 1978) (Figure 1). As of September 30, 1995, the cumulative number of artesian wells identified under the abandoned artesian well plugging program was 2,447 (Table 3 and Appendix A). A well is included on the inventory if it meets any of the conditions set forth in Subsection 373.203(1), FS (1993), 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 2,447 wells inventoried in SJRWMD, 581 need to be controlled, 1,076 have been plugged or repaired through the SJRWMD cost-share program, and 790 have been plugged or repaired by the well owners (Figure 2 and Appendix A). Updating the inventory of wells is an ongoing process that uses reports from other agencies, reports from citizens, and routine field work. Though the 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. SJRWMD maintains a computer database on all

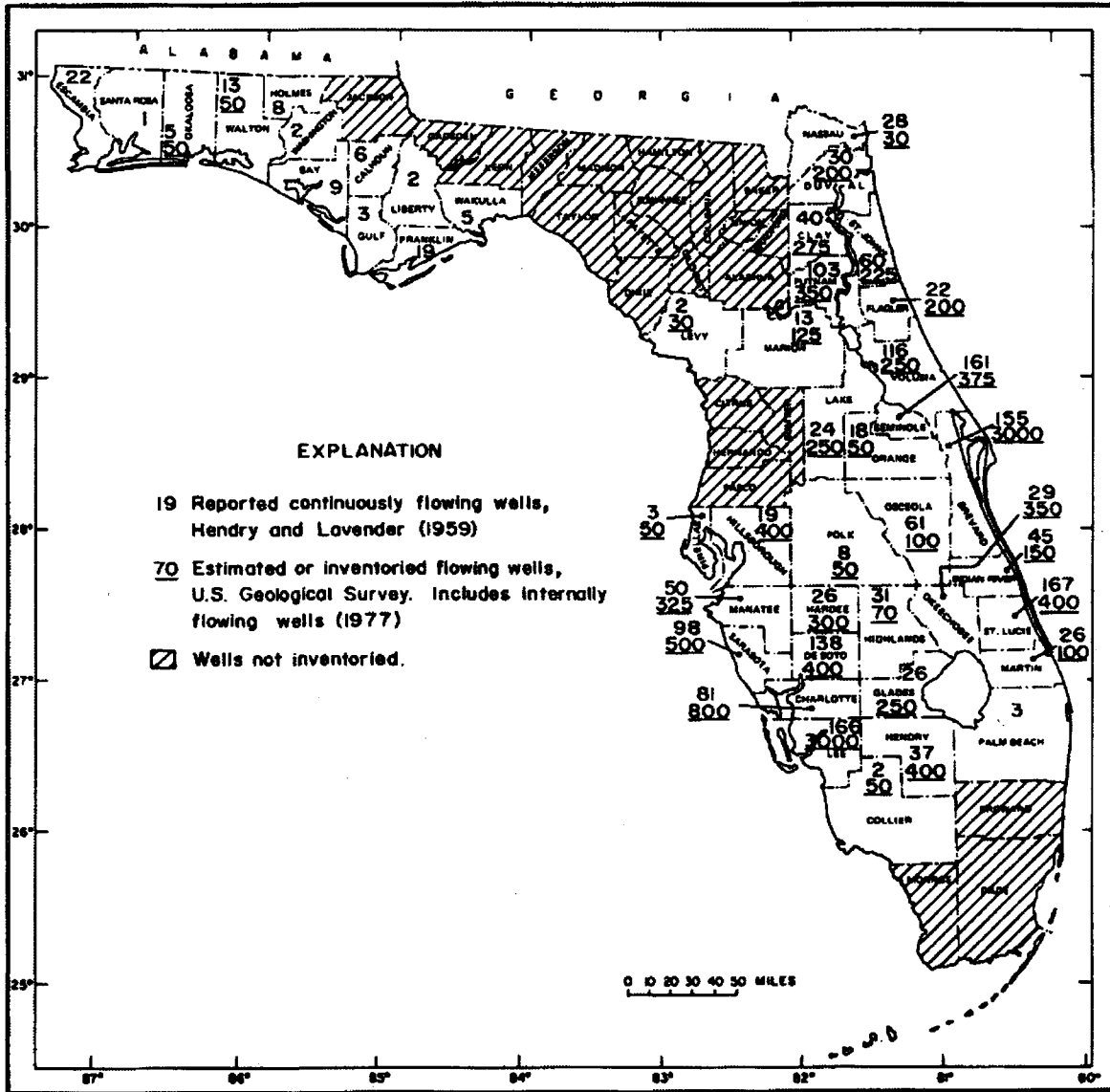


Figure 1. Estimated number of free-flowing wells statewide, by county (Healy 1978)

Abandoned Artesian Wells: 1995

Table 3. Composite inventory of abandoned artesian wells (from FY 1980–81 to FY 1994–95), measured in million gallons per day (mgd)

County	Number of Wells in Inventory	Number of Wells of Measured Flow	Measured Flow (mgd)	Number of Wells of Unknown Flow	Estimated Flow (mgd)	Total Estimated Flow (mgd)	Per-Well Average of Measured Flow (mgd)
A	B	C	D	E	F	G	H
Alachua	1	0	0.00	1	0.24	0.24	0.00
Baker	1	0	0.00	1	0.24	0.24	0.00
Bradford	0	0	0.00	0	0.00	0.00	0.00
Brevard	820	346	88.54	474	123.24	211.78	0.26
Clay	40	7	1.13	33	5.28	6.41	0.16
Duval	88	16	5.58	72	25.20	30.78	0.35
Flagler	26	9	0.30	17	0.51	0.81	0.03
Indian River	298	138	63.02	160	73.60	136.62	0.46
Lake	83	5	0.28	78	4.68	4.96	0.06
Marion	90	22	4.80	68	14.96	19.76	0.22
Nassau	22	3	0.24	19	1.52	1.76	0.08
Okeechobee	0	0	0.00	0	0.00	0.00	0.00
Orange	43	2	0.13	41	2.87	3.00	0.07
Osceola	4	1	0.00	3	0.72	0.72	0.00
Polk	0	0	0.00	0	0.00	0.00	0.00
Putnam	101	18	0.77	83	3.32	4.09	0.04
St. Johns	116	42	12.32	74	21.46	33.78	0.29
Seminole	647	152	12.96	495	44.55	57.51	0.09
Volusia	67	30	2.52	37	2.96	5.48	0.08
Total	2,447	791	192.59	1,656	325.35	517.94	
St. Johns River Water Management District per-well average of known flow from all inventories equals 0.24 mgd*							

Column F is column H or District per-well average times column E.

Column G is column D plus column F.

Column H is column D divided by column C.

\*Column D total divided by column C total.

abandoned artesian wells. The computer database includes the location of each well, construction details, water quality information, owner's name, geophysical logs if available, and general comments. A paper file is also kept for each well which includes a photograph and a detailed map to the site.



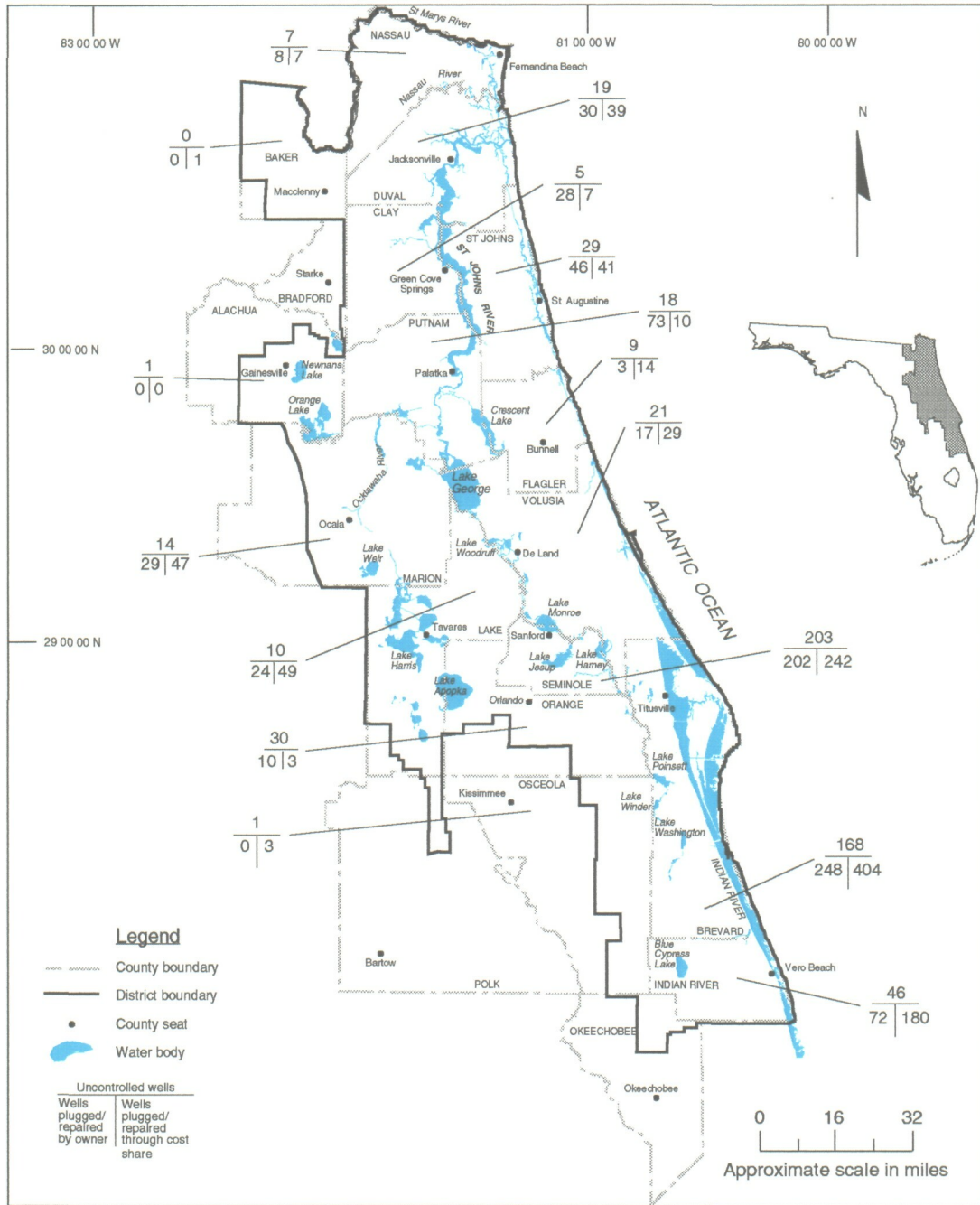


Figure 2. Distribution of uncontrolled and plugged or repaired abandoned artesian wells in the St. Johns River Water Management District

## PRIORITY

A priority system was established for the SJRWMD well plugging program to rank groups of wells according to their impact 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 the water
- The construction of the well
- The physical condition of the well

Wells are placed into one of the following eight categories. Category 1 has the highest priority ranking and category 8 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 freshwater)
- 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 saltwater surface water bodies

In 1994, SJRWMD identified water resource caution areas, which are areas that are experiencing or are anticipated to experience water resource problems as a result of projected water use through 2010 (Vergara 1994). Wells located in these areas have been given the highest possible priority for plugging or repairing. For example, a well with a category 8 priority in a water resource caution area is ranked higher than a well with a category 1 priority outside of a water resource caution area.

## FLOW DETERMINATION METHODS

### Field Measurements

Two methods were used in the field to obtain the measured 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. This measurement can then be used in the following formula to determine the estimated flow in gallons per minute (gpm).

$$gpm = 5.68 \times C \times D^3 \times \sqrt{H} \quad (1)$$

where

$C$  = a constant, varying from 0.87 to 0.97

$D$  = diameter of the casing or pipe, in inches

$H$  = height of the water 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 the point at which  $x$  intersects with  $y$ . The following formula is used to determine the estimated flow in gpm.

$$gpm = 0.818 D^2 x \tag{2}$$

where

$D$  = diameter of the pipe, in inches

$x$  = horizontal distance

### Estimation of Flow from Wells that Cannot Be Measured

Many wells are leaking so badly that flow from the pipe cannot be measured. Others are capped abandoned wells that do not flow at the surface but are flowing below ground as a result of leaks or a short casing. An estimate of the flow related to these wells was determined based on the averages calculated from the wells with measured flow at the surface.

To improve accuracy of the flow estimates, the composite inventory of abandoned artesian wells was used (Table 3). The composite inventory lists the number of wells per county that have measured flows. These flows are used to calculate a per-county average and a districtwide average. The county average is then multiplied by the number of wells of unknown flow to estimate flow from those wells. For counties in which measured flows are unavailable, the SJRWMD per-well average of 0.24 mgd was used.

### WELL PLUGGING

At the outset of each well plugging project, the various legal, technical, and financial aspects are discussed with the well owner. Contract documents, cooperative agreements, and permitting requirements are handled as needed.

### Specifications

Specifications for plugging a well are developed based on current rules (Chapter 40C-3, *Florida Administrative Code* [F.A.C.], revised edition)

and the hydrogeologic setting of the well. The criteria that are considered in developing specifications 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 (see Glossary) to the bottom of the well
- Ambient water quality

### **Method**

Using backfill is generally the best method for ensuring that a well is properly plugged. The method involves setting a drill rod or tremie pipe 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, waste of cement can be avoided. If a well is taking much more cement than calculated, a plug may need to be installed or gravel may need to be used to bridge certain zones that are leaking cement. Once the leak has been stopped, the well can be backfilled to the surface.

### **WELL RECONSTRUCTION**

Before a determination is made as to whether a well can be reconstructed or repaired, the well is geophysically logged and water samples are taken. This procedure determines the condition of the well. Following an evaluation of the log and the water quality report, a reconstruction plan is prepared.

The specifications for reconstructing wells are similar to those for plugging wells (see page 16).

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

- Valve replacement
- Backplugging
- Re-lining

### **Valve Replacement**

When the well does not present any water quality concerns 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.

### **Backplugging**

A backplug generally is used for wells that are drilled into saline water. Water samples are taken at various depths inside the well to determine if there is a zone of freshwater above the saline water. If freshwater 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 freshwater (Figure 3). The cement usually is added in stages to ensure that only the saline zone is eliminated.

### **Re-lining**

Wells that could be considered for re-lining are usually at least 6 inches in nominal diameter size. They are usually short-cased, or the casing is in extremely bad shape. Section 40C-3.517, *F.A.C.*, requires approximately 2 inches of cement grout between casings. For example, an 8-inch-diameter well (nominal size) will be re-lined with 4-inch-diameter casing (Figure 3). The casing would be set at the top of the Floridan aquifer system.

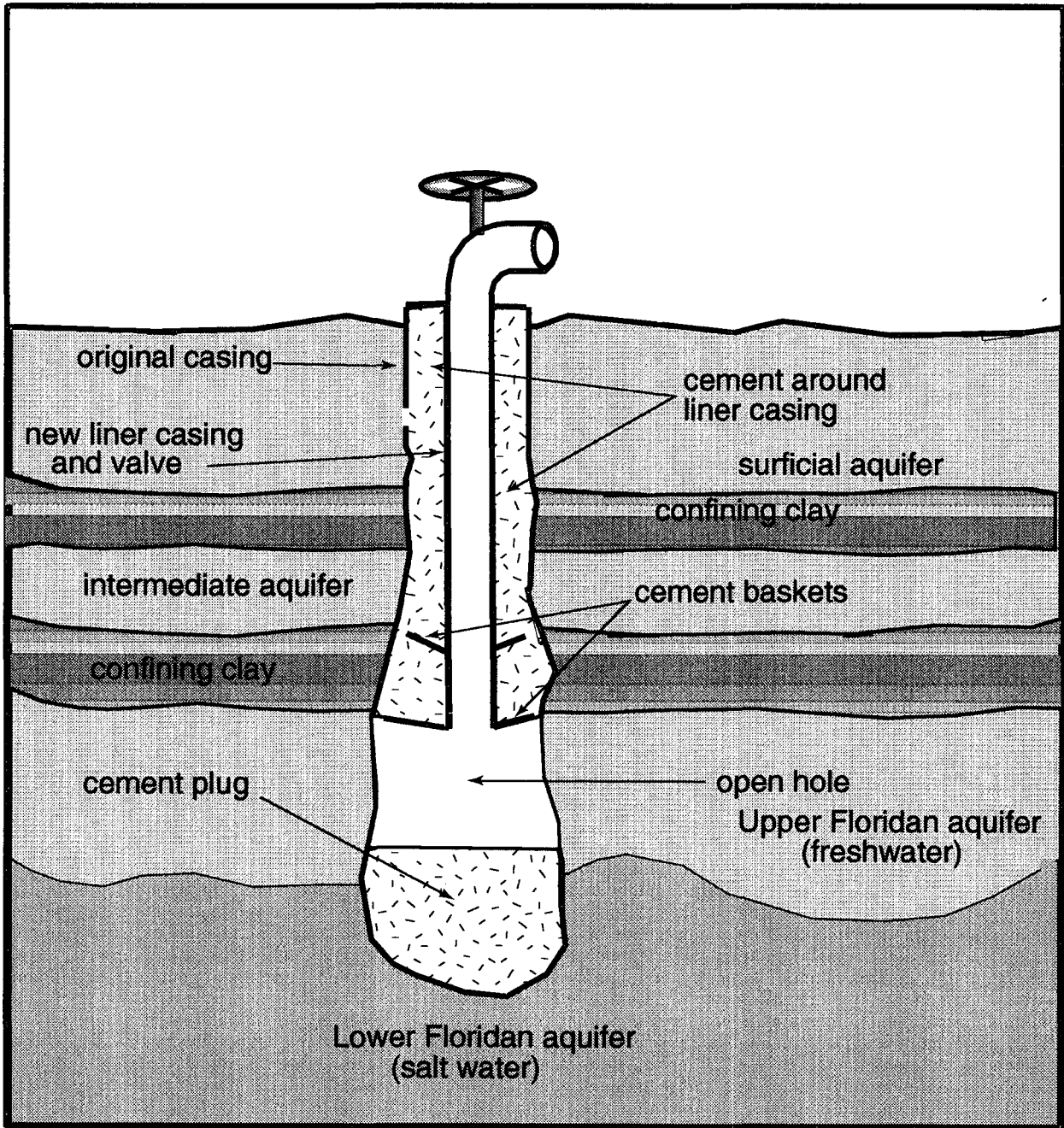


Figure 3. Schematic of a reconstructed well

**Abandoned Artesian Wells: 1995**

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## THE YEAR IN REVIEW—1994–95 PROJECTS

By September 30, 1995, SJRWMD had an inventory of 581 abandoned artesian wells to be controlled (Tables A5 and A6, Appendix A). Flows at land surface have been measured for 56 of these wells; these flows account for approximately 6.05 mgd of wasted groundwater. This number does not include flow which may exist between aquifers below land surface. An additional 99.54 mgd is estimated to flow from the remaining 525 inventoried wells.

For FY 1994–95, wells were plugged or repaired in Brevard, Clay, Duval, Indian River, Lake, Marion, Nassau, Putnam, and Seminole counties under the various signed agreements and cost-share programs. SJRWMD contracted with O.E. Smith's Sons, a licensed Florida water well contractor, to plug or repair wells during FY 1994-95 (Appendix B). A total of 134 wells were plugged or reconstructed, saving an estimated 29.23 mgd of water (Table 4). Plugging or repairing 1,076 wells through the SJRWMD cost-share program has saved an estimated total of 256.57 mgd of water from 1976 through September 1995.

Cooperative cost-share agreements are a major source of funding for the program. The participating county agencies include Brevard, Duval, Indian River, and Seminole (Appendix B). ASCS is a districtwide participant. Cost-share agreements between SJRWMD and individual property owners resulted in eight wells being plugged and one well being repaired (Appendix C; Table 4).

The following is a summary, by county, of the projects that were completed during FY 1994–95.

### BREVARD COUNTY

Twelve wells were plugged in Brevard County through a cooperative agreement between SJRWMD and the Board of County Commissioners (Table 4). Four wells were plugged through individual agreements, and ten wells were plugged on SJRWMD property.

Table 4. Wells plugged or repaired by the St. Johns River Water Management District (SJRWMD) during fiscal year 1994-95

County	Number of Wells Plugged	Number of Wells Repaired	Cost-share Partner	Total Estimated Flow (mgd)
Brevard	4		Individual	0.83
	12		Agency	3.25
	4		ASCS	0.51
	10		SJRWMD*	2.92
Clay	1		Individual	0.43
Duval	2		Individual	1.28
	4		Agency	1.58
Indian River		1	Individual	0.29
	16		Agency	5.41
	7	2	ASCS	3.64
	1		SJRWMD*	0.17
Lake	10		SJRWMD*	0.50
Marion	1		SJRWMD*	0.22
Nassau		1	SJRWMD*	0.00
Putnam	1		Individual	0.04
Seminole	49	8	Agency	8.16
Total	122	12		29.23

Blank cells equal zero.

Note: ASCS = Agricultural Stabilization and Conservation Service  
mgd = million gallons per day

\*Completely funded by SJRWMD

Four wells were plugged in Brevard County through the SJRWMD-ASCS cooperative program, saving an estimated 0.51 mgd of water. One well was a 6-inch-diameter well with deteriorated casing.

A total of 30 wells were plugged in Brevard County, saving an estimated 7.51 mgd of water.

## CLAY COUNTY

One well was plugged in Clay County under an individual agreement (Table 4). This well was severely deteriorated. The flow estimated at this well was 0.43 mgd of water.

## DUVAL COUNTY

Four wells were plugged in Duval County through an agreement between SJRWMD and the City of Jacksonville (Table 4). These wells were used originally to supply public drinking water. The wells were considered for use as monitoring wells; the casing annulus might have been leaking, therefore, the wells were not used.

Two additional wells were plugged through a cooperative effort between SJRWMD and the well owner (via the individual cost-share program). Flow from these two wells was measured at 1.28 mgd.

A total of six wells were plugged in Duval County, saving an estimated 2.86 mgd of water.

## INDIAN RIVER COUNTY

SJRWMD owns property in Indian River County that was once used for agricultural purposes. These lands were purchased for the purpose of restoration of the Upper St. Johns River Basin. One well was plugged on SJRWMD property. The flow measured from this well was 0.17 mgd (Table 4).

Sixteen wells were plugged through a cooperative agreement between SJRWMD and Indian River County. Five of the wells were plugged for the Indian River County Utilities Department, and the other 11 were plugged for Indian River County. An estimated 5.41 mgd of water was saved through this agreement.

One well was repaired through an agreement with an individual property owner. It was an abandoned irrigation well with a measured flow of 0.29 mgd of water.

A Memorandum of Understanding between ASCS and SJRWMD provided funds for plugging seven wells and reconstructing (repairing) two wells. One well was reconstructed by partially backfilling the well with cement to seal the saltwater zones. This method prevents the salt water from contaminating the freshwater. The other well was reconstructed by relining the well with a new casing to seal leaks in the deteriorated casing. Plugging or repairing these wells saved an estimated 3.64 mgd of water.

A total of 27 wells were plugged or repaired in Indian River County, saving an estimated 9.51 mgd of water.

## LAKE COUNTY

No cooperative agreements were executed with Lake County for plugging abandoned artesian wells. Consequently, cost shares for well plugging can only be done if a well qualifies for ASCS funding or if a property owner participates in the cost-share agreement for individual property owners.

Ten wells were plugged through the SJRWMD cost-share program (Table 4). Flows could not be measured in these wells because they were artesian wells that have a potentiometric surface below land surface. This type of well may be flowing internally through interaquifer flow. Flow was estimated at 0.50 mgd.

## MARION COUNTY

SJRWMD owns property known as Oklawaha Farms. This land formerly was used for agricultural purposes and later was purchased by SJRWMD to support restoration of the Ocklawaha River. One well was plugged, saving an estimated 0.22 mgd of water (Table 4).

## NASSAU COUNTY

One well was repaired in Nassau County. No appreciable amount of water was saved (Table 4).

## PUTNAM COUNTY

One well was plugged under an individual cost-share agreement between the Florida Department of Transportation and SJRWMD. This well was located in a drainage ditch on the road right-of-way. Plugging the well saved an estimated 0.04 mgd of water (Table 4).

## SEMINOLE COUNTY

The agreement between SJRWMD and Seminole County provided for plugging or repairing of 57 wells (Table 4). An estimated 6.58 mgd of water was saved plugging 49 wells. Eight wells were repaired, saving 1.58 mgd of water.

A total of 57 wells were plugged or repaired in Seminole County, saving an estimated 8.16 mgd of water.

**Abandoned Artesian Wells: 1995**

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## COSTS

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

From October 1994 through September 1995, SJRWMD spent \$258,911.00, or \$1,932.17 per well, based on 134 wells, on actual plugging or reconstruction costs (Table 5). The cumulative total since FY 1980–81 is \$1,921,124.93, or \$1,785.43 per well, based on 1,076 wells.

Table 5. Actual plugging and reconstruction costs

Well Plugging—FY 1994–95	Costs
Consultant fees, contractual services, and cement and related products	\$243,092.98
Average per well (122 wells)	1,992.57
Well Reconstruction and Repair—FY 1994–95	Costs
Materials and labor	\$15,818.02
Average per well (12 wells)	1,318.17
Plugging, Reconstruction, Repair—Cumulative	Costs
FY 1980–81 through FY 1993–94	\$1,662,213.93
FY 1994–95	258,911.00
Total through FY 1994–95	1,921,124.93
Average per well through FY 1994–95 (1,076 wells)	1,785.43

Source: Davis 1995, modified

From October 1994 through September 1995, SJRWMD spent \$258,415.32, or \$1,928.47 per well, on support costs (Table 6). The

cumulative total since FY 1980–81 is \$1,430,833.88, or \$1,329.77 per well.

Table 6. Program support costs

Program Support—FY 1994–95	Costs
Support	\$230,727.9256
Administrative (12% of support)	27,687.36
Total	258,415.32
Average cost per well (134 wells)	1,928.47
Program Support—Cumulative	Costs
FY 1980–81 through FY 1993–94	\$1,172,418.56
FY 1994–95	258,415.32
Total support through FY 1994–95	1,430,833.88
Average per well through FY 1994–95 (1,076 wells)	1,329.77

Source: Davis 1995, modified

Total costs for the well plugging program in FY 1994–95 were \$517,326.32, or \$3,860.64 per well. The total costs for the well plugging program since October 1980 were \$3,351,958.81, or \$3,115.20 per well (based on 1,076 wells).

Assuming the inventory of 581 wells to be controlled (Appendix A) does not increase, an estimated additional \$2,243,031.80 (in 1995 dollars) will be needed to plug or reconstruct these wells. A percentage of these costs is reimbursed to SJRWMD through cooperative agreements. From FY 1983–84 to FY 1994–95, an average of 97 wells per year were plugged or repaired under the well plugging program at SJRWMD. At this rate, it will be September 2002 before all wells are plugged or reconstructed. Realistically, however, wells are continually being added to the inventory, making this an ongoing effort.



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## 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 groundwater. In SJRWMD, there are three major aquifer systems 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 the 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. Stopping the flow can be accomplished by completely filling a well from bottom to top with cement or partially filling the well by setting bridge plugs at 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 inches 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.

**Water Resource Caution Area.** An area which is experiencing or is anticipated to experience water resource problems as a result of projected water use through 2010.

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**APPENDIX A—INVENTORY OF ABANDONED ARTESIAN  
WELLS**

Key to column headings on inventory tables

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, BR = Brevard
Flow (gpm)	Estimated flow at land surface, in gallons per minute (gpm)
CHL (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 a well, in feet below land surface
Cased Depth	Cased depth of a well, in feet below land surface
Well Diam	Diameter of a well, in inches
Comments	Typically, the date and type of activity performed (plugging, repairing, valving, or reconstructing the well)



Appendix A—Inventory of Abandoned Artesian Wells

Table A1. Summary of abandoned artesian wells in the St. Johns River Water Management District plugged or repaired through the cost-share program as of September 30, 1995

County	Number of Wells in Inventory	Number of Wells of Measured Flow	Measured Flow (mgd)	Number of Wells of Unknown Flow	Estimated Flow (mgd)	Total Estimated Flow (mgd)	Per-Well Average of Measured Flow (mgd)
A	B	C	D	E	F	G	H
Alachua	0	0	0.00	0	0.00	0.00	0.00
Baker	1	0	0.00	1	0.24	0.24	0.00
Bradford	0	0	0.00	0	0.00	0.00	0.00
Brevard	404	296	77.30	108	28.08	105.38	0.26
Clay	7	5	1.11	2	0.32	1.43	0.16
Duval	39	14	5.55	25	8.75	14.30	0.35
Flagler	14	9	0.30	5	0.15	0.45	0.03
Indian River	180	131	57.42	49	22.54	79.96	0.46
Lake	49	4	0.27	45	2.70	2.97	0.06
Marion	47	15	1.77	32	7.04	8.81	0.22
Nassau	7	2	0.17	5	0.40	0.57	0.08
Okeechobee	0	0	0.00	0	0.00	0.00	0.00
Orange	3	1	0.11	2	0.14	0.25	0.07
Osceola	3	1	0.00	2	0.48	0.48	0.00
Polk	0	0	0.00	0	0.00	0.00	0.00
Putnam	10	7	0.37	3	0.12	0.49	0.04
St. Johns	41	28	11.03	13	3.77	14.80	0.29
Seminole	242	107	11.49	135	12.15	23.64	0.09
Volusia	29	22	2.24	7	0.56	2.80	0.08
<b>Total</b>	<b>1,076</b>	<b>642</b>	<b>169.13</b>	<b>434</b>	<b>87.44</b>	<b>256.57</b>	
St. Johns River Water Management District per-well average of known flow from composite inventory equals 0.24 mgd							

Column F is column H or district per-well average times column E.

Column G is column D plus column F.

Column H reflects per-well average from the composite inventory (see Table 3, page 12).

Note: mgd = million gallons per day

**Abandoned Artesian Wells: 1995**

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**Appendix A—Inventory of Abandoned Artesian Wells**

**Table A2. Inventory of abandoned artesian wells in the St. Johns River Water Management District plugged or repaired through the cost-share program as of September 30, 1995 (see page 36 for key to column headings)**

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
<b>Baker County</b>									
Jacobs, J.R.	BA0099	—	—	301733	820338	570	100	4	Plugged 10-22-92
<b>Total</b>	<b>1</b>	<b>0</b>							
<b>Brevard County</b>									
A. Duda & Sons	BR0898	400	—	281347	804322	—	—	4	Plugged 07-20-89
A. Duda & Sons	BR1054	250	592	281215	804526	212	80	4	Plugged 02-22-95
Abare, Wayne	BR0534	50	—	275918	803321	—	—	2	Plugged 06-07-88
Akridge, Nicklos, Jr.	BR1473	200	1,140	282240	804411	163	113	6	Plugged 02-01-95
Allen, J.L.	BR1187	50	532	275533	803140	475	—	2	Plugged 02-14-95
Allen, Norman	BR0069	—	—	275838	803109	346	102	4	Plugged 03-27-87
Anderson, Sam	BR0530	685	706	281303	804018	494	100	6	Plugged 06-09-88
Anton, Susan	BR1468	—	—	281347	804112	—	—	8	Plugged 09-05-95
Aquarina	BR0437	—	—	275520	802937	439	195	4	Plugged 1984
Aquarina	BR0438	—	—	275532	802921	378	103	4	Plugged 1984
Armstrong, Bill	BR0703	—	—	280820	803537	—	—	2	Plugged 05-01-87
Austin, Edward H.	BR1428	50	—	281720	804042	—	—	2	Plugged 02-02-95
Avatar Properties	BR1419	250	398	275348	803100	—	—	4	Plugged 09-09-93
Baker, Harvey L., Jr.	BR0641	45	—	282205	804155	242	120	4	Plugged 06-04-87
Ball, George	BR0592	—	—	281845	803636	260	66	4	Plugged 05-30-85
Barbour, Carrie	BR1100	50	749	282151	803652	—	—	2	Plugged 07-31-91
Barefoot Bay Development	BR1401	3,500	476	275331	803147	—	—	12	Plugged 07-29-93
Barnavon, Bo	BR0024	—	—	281823	804432	180	120	2	Plugged 06-10-88
Barnavon, Bo	BR0900	50	—	281821	804424	—	—	4	Plugged 07-17-89
Beachwoods	BR0227	—	—	280153	803231	—	—	1.5	Plugged 1984
Beal, George	BR1437	50	—	281758	804053	—	—	2	Plugged 09-07-95
Behl, Dorothy	BR0902	25	—	282229	804012	—	—	2	Plugged 07-27-89
Bent, M.S.	BR0514	20	735	281019	803714	230	—	3.5	Plugged 05-28-87
Bethesda Retirement Home	BR0493	1,400	—	280138	803516	1,360	220	14	Plugged 04-28-87
Bevan, Charles	BR1008	100	—	280415	804142	175	—	2	Plugged 02-23-95
Bibbee, Lucinda	BR1277	10	562	280110	803442	—	—	2	Plugged 07-14-93
Birmingham, Michael	BR0944	50	—	281735	804043	—	—	6	Plugged 05-29-90
Bradley, Curry T.	BR0488	—	700	281732	804023	221	104	4	Plugged 04-13-87
Breezeway MHP	BR0838	25	276	275157	802941	340	—	2	Plugged 06-24-92
Brevard County	BR0151	50	—	282420	804135	—	—	4	Plugged 04-13-89
Brevard County	BR0199	125	1,360	282213	804047	160	—	4	Plugged 08-31-92
Brevard County	BR0386	—	—	282123	804017	228	100	4	Plugged 03-16-87
Brevard County	BR0507	100	—	282108	804642	150	—	4	Plugged 04-16-87
Brevard County	BR0511	—	—	280804	804118	350	80	2	Plugged 03-30-87
Brevard County	BR0520	10	2,070	282204	804214	220	—	2	Plugged 05-29-87
Brevard County	BR0527	50	554	282620	804140	610	—	4	Plugged 06-23-93
Brevard County	BR0622	20	—	282132	804701	85	—	2.5	Plugged 06-10-88
Brevard County	BR0696	1,400	202	275229	802954	743	194	10	Plugged 04-16-86
Brevard County	BR0946	500	523	280817	803450	480	—	6	Plugged 05-01-90
Brevard County	BR1019	35	520	281227	803947	—	—	2	Plugged 04-10-90
Brevard County	BR1378	—	—	282252	804208	287	—	2	Plugged 06-30-93
Brevard County	BR1412	—	—	281749	804050	280	—	2	Plugged 07-07-93
Brevard County MC	BR0013	—	—	282649	804320	210	—	3	Plugged 07-01-88
Brevard County MC	BR0078	—	—	275208	802717	450	104	4	Plugged 09-14-82

## Abandoned Artesian Wells: 1995

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Brevard County MC	BR0080	—	—	275227	802803	406	103	4	Plugged 09-15-82
Brevard County MC	BR0081	—	—	275231	802807	203	103	4	Plugged 11-15-82
Brevard County MC	BR0083	—	—	275305	802804	363	103	3	Plugged 12-01-82
Brevard County MC	BR0085	—	—	275357	802817	—	—	4	Plugged 09-29-82
Brevard County MC	BR0086	—	—	275425	802838	358	101	4	Plugged 11-24-82
Brevard County MC	BR0087	—	—	275518	802936	496	—	4	Plugged 11-18-82
Brevard County MC	BR0088	50	344	275535	802946	328	—	4	Plugged 07-15-91
Brevard County MC	BR0097	50	688	275846	803121	328	—	4	Plugged 07-09-91
Brevard County MC	BR0098	—	—	281829	804031	140	—	4	Plugged 06-06-85
Brevard County MC	BR0209	25	—	282417	804135	—	—	2	Plugged 04-13-89
Brevard County MC	BR0238	—	—	282416	804046	261	105	4	Plugged 08-10-88
Brevard County MC	BR0389	—	—	281816	804024	—	—	6	Plugged 11-23-93
Brevard County MC	BR0394	—	—	281746	804027	290	—	4	Plugged 05-11-85
Brevard County MC	BR0406	—	1,680	282327	804034	260	84	4	Plugged 08-12-88
Brevard County MC	BR0694	75	—	282420	804047	217	84	4	Plugged 11-01-85
Brevard County MC	BR1129	—	—	282213	804102	—	—	4	Plugged 06-05-95
Brevard County MC	BR1147	40	776	275650	803018	320	—	4	Plugged 07-10-91
Brevard County MC	BR1148	50	344	275248	802737	300	—	4	Plugged 07-11-91
Brevard County MC	BR1149	100	—	282017	804105	182	—	4	Plugged 07-31-91
Brevard County MC	BR1487	30	1,600	282405	803952	—	—	4	Plugged 06-06-95
Brevard County Parks	BR0038	300	—	275435	803110	—	—	2.5	Valved 08-13-90
Brevard County School	BR0873	1,500	—	275331	803834	—	—	8	Plugged 04-25-89
Brevard County Utilities	BR1398	—	—	282315	804030	320	—	2.5	Plugged 06-24-93
Brewer, Edmund G.	BR1233	25	—	282349	804744	370	—	3	Plugged 07-12-93
Brewer, Gray	BR0664	50	—	282622	804534	—	—	2	Plugged 06-04-85
Browning, Lynn	BR0496	60	519	275751	803235	250	—	4	Plugged 03-31-87
Browning, Lynn	BR0503	—	—	275749	803240	250	—	2	Plugged 03-31-87
Bruno, M.	BR0497	100	540	280138	803219	—	—	4	Plugged 06-08-88
Brush, Ron	BR1007	5	—	282221	804154	180	—	2	Plugged 05-29-90
Buchanan, James	BR1023	35	941	281728	804046	—	—	2	Plugged 04-09-90
Burr, Clinton	BR0855	5	—	282331	804220	—	—	2	Plugged 04-17-89
Butler, Lester	BR0270	5	3,580	282441	804244	—	—	3	Plugged 08-08-88
Cape Canaveral AFS	BR0577	200	—	282623	803425	360	—	4	Plugged 06-20-88
Cape Canaveral AFS	BR0550	50	—	282737	803139	374	109	3	Plugged 06-13-88
Cape Canaveral AFS	BR0551	75	—	283026	803309	262	100	4	Plugged 06-21-88
Cape Canaveral AFS	BR0574	100	—	282528	803606	310	—	8	Plugged 06-16-88
Cape Canaveral AFS	BR0575	40	—	282510	803607	145	—	3	Plugged 06-16-88
Cape Canaveral AFS	BR0576	50	—	282652	803456	250	—	4	Plugged 06-20-88
Cape Canaveral AFS	BR0600	75	—	282741	803539	330	100	4	Plugged 06-17-88
Cape Canaveral AFS	BR0603	400	—	282528	803604	350	—	8	Plugged 06-15-88
Cape Canaveral AFS	BR0614	—	—	283104	804029	105	—	2	Plugged 06-24-88
Cape Canaveral AFS	BR0546	626	—	282500	803638	350	162	12	Plugged 06-14-88
Cape Canaveral AFS	BR0601	70	—	282944	803244	270	—	3	Plugged 06-21-88
Card, Anita W.	BR0979	5	—	282044	803627	—	—	2	Plugged 04-12-90
Card, Anita W.	BR0980	5	—	282044	803630	—	—	2	Plugged 04-17-90
Card, Anita W.	BR0982	5	868	282043	803632	—	—	2	Plugged 04-11-90
Card, Anita W.	BR0983	5	—	282043	803629	—	—	2	Plugged 04-16-90
Card, Anita W.	BR0984	5	—	282043	803625	—	—	2	Plugged 04-11-90
Carlton, John	BR1079	50	1,150	281510	803937	—	—	3	Plugged 04-15-92
Carter, Darlene	BR1190	—	991	282148	803642	—	—	2	Plugged 06-25-92

Appendix A—Inventory of Abandoned Artesian Wells

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Centex Real Estate	BR0992	500	779	281825	804436	320	—	8	Plugged 05-22-90
Centex Real Estate	BR0993	250	—	281822	804450	—	—	6	Plugged 05-24-90
Cevesco, Inc.	BR0417	20	1,136	282337	803654	—	—	3	Plugged 04-17-89
Cocoa Beach, City of	BR0662	150	—	282109	803623	330	—	4	Plugged 06-09-85
Cocoa Beach, City of	BR0702	250	900	281846	803809	265	233	6	Plugged 07-11-86
Cocoa, City of	BR0961	1,000	1,732	282112	804327	192	100	8	Plugged 07-30-91
Colorado Corporation	BR0994	500	—	282326	804137	—	—	2	Plugged 06-14-90
Conner, C.H.	BR0950	10	1,679	282252	804159	125	—	2	Plugged 05-23-90
Cotney, Rufus W.	BR0642	30	—	282432	804238	385	—	8	Plugged 06-29-88
Couch Pumps	BR0423	—	—	275553	803138	798	71	12	Reconstructed 06-01-84
Couch Pumps	BR0623	—	—	275554	803138	628	159	8	Plugged 06-10-88
Courtenay Springs Ltd.	BR0958	100	976	282019	804124	260	90	6	Plugged 03-17-92
Crisafulli, B.	BR0533	75	—	282808	804221	135	89	4	Plugged 06-01-85
Crisafulli, Ben	BR0719	100	832	282747	804137	—	—	3	Plugged 08-08-88
Crisafulli, Bud	BR0521	85	1,830	282625	804310	200	—	3	Plugged 06-12-85
Crisafulli, Tony	BR1485	70	—	282823	804220	—	—	3	Plugged 05-23-95
Crisafulli, Tony	BR1486	152	437	282815	804218	237	84	4	Plugged 05-23-95
Cross, Spencer	BR1188	20	696	275745	804109	—	—	2	Plugged 03-05-92
Cross, Spencer	BR1269	236	656	275746	804104	420	—	4	Plugged 02-07-95
Davis	BR0539	75	—	281557	804010	150	—	3	Plugged 06-10-85
Deer Field Groves Partner.	BR1351	—	—	282518	804241	—	—	—	Plugged 09-20-93
Deer Run	BR0253	845	768	275207	803951	680	100	6	Plugged 06-01-88
Deer Run	BR0561	550	—	275202	803853	680	—	6	Plugged 06-02-88
Deer Run	BR0564	845	—	275218	803921	340	120	6	Plugged 06-01-88
Deer Run	BR0593	10	—	275213	803738	720	—	10	Plugged 06-02-88
Demasse, George	BR0543	5	—	282105	804137	—	—	2	Plugged 07-01-88
DGG Investments, Inc.	BR0797	50	762	282324	803628	200	—	2	Plugged 09-16-92
Didato, Jim	BR0359	—	499	280447	804141	450	85	4	Plugged 03-17-87
Dinesh, Shal	BR1265	—	1,290	281702	804020	580	—	4	Plugged 06-24-93
Dixon, Howard F.	BR0955	100	—	282133	804556	346	102	4	Plugged 05-30-90
Edwards, John	BR0578	20	—	280335	803546	—	—	2	Plugged 06-07-88
Emerson, Richard M.	BR0513	15	571	280711	803751	—	—	1.5	Plugged 1987
Enterprise International	BR0432	—	—	281830	804420	132	84	4	Plugged 06-05-85
Faul, Jack	BR0506	—	—	282024	804438	150	—	3	Plugged 04-16-87
Fed. Natl. Wildlife Refuge	BR0587	—	—	283944	804633	204	116	4	Plugged 1984
Feiner, Balz	BR1255	125	953	282037	804533	315	—	6	Plugged 06-24-92
Field, Jack Ray	BR0732	200	1,710	282544	804224	125	—	3	Plugged 09-09-88
First Baptist Church	BR0962	50	—	282123	804210	145	—	2	Plugged 06-01-90
First Guarantee Mortgage	BR1051	50	686	280523	803430	260	—	2	Plugged 05-03-90
Florida DOT	BR0926	50	1,340	282120	804340	240	—	4	Plugged 09-16-92
Florida DOT	BR0995	100	—	275953	803725	—	—	4	Plugged 06-07-90
Florida Power & Light	BR0580	1,400	—	280457	803622	513	—	10	Plugged 06-06-88
Florida, State of	BR0409	—	—	275211	802722	448	102	4	Plugged 06-01-84
Florida, State of	BR0410	—	—	275217	802721	377	81	3	Plugged 09-21-82
Florida, State of	BR0422	50	—	275131	802704	—	—	3	Plugged 08-01-88
Foosner Groves	BR0590	—	—	282756	804108	202	84	3	Plugged 06-11-85
Foosner Groves	BR0591	—	—	282757	804117	183	86	4	Plugged 06-12-85
Foosner Groves	BR1268	200	2,080	282805	804117	320	—	6	Plugged 09-21-92
Foosner Groves	BR0594	—	—	282755	804106	212	36	4	Plugged 06-11-85
Foosner Groves	BR0661	100	—	282759	804108	220	—	4	Plugged 06-12-85

## Abandoned Artesian Wells: 1995

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Foosaner Groves	BR1458	150	—	282753	804120	—	—	6	Plugged 09-28-94
Foosaner Groves	BR1459	75	—	282800	804122	—	—	4	Plugged 09-28-94
Fox, Kelly	BR1136	—	—	275819	803155	—	—	2	Repaired 07-16-92
Gabbert, Don	BR1425	—	—	282860	804103	176	127	6	Plugged 09-28-94
Gaupp, M.K.	BR0492	—	944	281908	804241	202	142	4	Plugged 03-24-87
GDC	BR0225	—	—	275825	804210	227	120	4	Plugged 04-07-92
GDC	BR0226	—	—	275835	804219	258	—	4	Plugged 04-07-92
GDC	BR0258	—	—	275459	804011	336	107	6	Plugged 1984
GDC	BR0263	—	—	275630	804121	378	82	2	Plugged 07-11-84
GDC	BR0265	350	655	275648	804221	314	74	4	Plugged 04-22-86
GDC	BR0365	—	—	275512	804122	—	—	2	Plugged 07-18-84
GDC	BR0646	—	—	275552	804222	242	116	6	Plugged 04-23-86
GDC	BR0648	—	653	275657	804202	—	—	6	Plugged 1985
GDC	BR0652	220	470	275607	804247	288	103	4	Plugged 1985
GDC	BR0656	150	100	275652	804250	122	120	4	Plugged 04-24-86
GDC	BR0891	200	—	280012	804432	—	—	4	Plugged 07-19-89
GDC	BR0892	300	—	280023	804417	—	—	4	Plugged 07-18-89
GDC	BR0893	400	—	280026	804428	—	—	4	Plugged 07-19-89
GDC	BR0894	200	—	280036	804441	—	—	3	Plugged 07-18-89
GDC, Carlyle Platt	BR0274	—	488	275812	804218	357	112	6	Plugged 04-07-92
GDC, Carlyle Platt	BR0275	—	532	275816	804234	—	—	4	Plugged 04-07-92
GDC, Port Malabar	BR0259	—	—	275530	804050	335	124	6	Plugged 1984
GDC, Port Malabar	BR0261	—	—	275548	804135	316	93	4	Plugged 04-24-86
GDC, Port Malabar	BR0262	—	—	275546	804145	299	123	6	Plugged 1984
GDC, Port Malabar	BR0282	—	—	280007	804337	349	87	6	Plugged 1984
GDC, Port Malabar	BR0278	—	—	275926	804146	347	127	4	Plugged 07-11-84
Gran Central Corp.	BR1041	10	504	275952	803402	480	—	2.5	Plugged 03-11-92
Gricco, Angela	BR0973	10	1,820	282225	804215	150	—	2	Plugged 05-09-90
Griffis, Edgar	BR0866	20	—	282413	804010	—	—	2	Plugged 04-17-89
Groot, William	BR1033	5	—	282213	804137	120	—	2	Plugged 05-29-90
Gutoski, Bruce	BR1037	—	—	282053	803942	—	—	2	Valved 1990
Hall, Carolyn	BR1006	100	—	282545	804520	—	—	6	Plugged 06-07-90
Hamilton, Brian	BR0723	—	—	281942	804104	—	—	6	Plugged 08-09-88
Hanlon, Ed	BR0549	200	—	282514	804303	170	—	4	Plugged 06-29-88
Hayes, Peter	BR0839	135	—	282508	804040	215	—	4	Plugged 04-10-89
Hayes, Peter	BR0840	50	—	282534	804044	—	—	2	Plugged 04-10-89
Hayes, Peter	BR0841	135	—	282518	804039	220	—	6	Plugged 04-10-89
Hayes, Peter	BR0842	100	—	282548	804043	—	—	2.5	Plugged 04-11-89
Hayes, Peter	BR0843	250	—	282538	804040	—	—	6	Plugged 04-12-89
Hayes, Peter	BR0844	1,000	—	282523	804048	230	—	10	Plugged 04-12-89
Hayes, Peter	BR0845	35	—	282552	804038	—	—	2	Plugged 04-12-89
Hayes, Peter	BR0846	75	—	282532	804046	—	—	4	Plugged 04-10-89
Hayes, Peter	BR0847	250	—	282508	804037	—	—	6	Plugged 04-11-89
Health Care & Retirement	BR1013	—	2,580	282322	804233	—	—	6	Plugged 05-10-90
Herbert, Henry	BR0867	1	—	282113	803628	—	—	2	Plugged 04-17-89
Hobbs, Gary K.	BR0525	15	4,177	282742	804300	150	—	2	Plugged 06-28-88
Hodge, Paul	BR1400	70	801	282126	803626	—	—	6	Plugged 08-12-93
Honest Johns Fish Camp	BR0091	—	—	275609	803024	363	103	4	Plugged 09-29-82
Honest Johns Fish Camp	BR0093	—	—	275628	803032	403	104	4	Plugged 04-01-82
Honikel, Irene C.	BR1184	50	—	282404	804205	120	—	2	Plugged 06-30-93

Appendix A—Inventory of Abandoned Artesian Wells

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Huber, Donald	BR0729	160	729	275953	804025	260	—	4	Plugged 09-06-88
Huber, Donald	BR0730	650	658	275945	804027	300	—	6	Plugged 09-07-88
Huber, Donald	BR0731	75	713	275954	804032	200	—	3	Plugged 09-07-88
Huber, Donald M.	BR0728	75	690	275955	804022	—	—	2	Plugged 09-06-88
Humphry	BR0857	—	—	282701	804240	—	—	2	Plugged 04-20-89
Humphry	BR0858	40	—	282713	804257	—	—	2	Plugged 04-20-89
Humphry	BR0860	—	—	282706	804251	—	—	3	Plugged 04-19-89
Humphry	BR0861	25	—	282745	804303	—	—	2	Plugged 04-18-89
Humphry	BR1074	500	—	282708	804301	230	—	8	Plugged 04-19-89
Humphry, Brooks	BR0862	—	—	282705	804250	—	—	2	Plugged 04-19-89
Humphry, Brooks	BR0959	—	—	282708	804244	—	—	2	Plugged 05-15-90
Humphry, Da Venci	BR0859	45	—	282722	804310	—	—	6	Plugged 04-18-89
Humphry, Da Venci	BR0865	—	—	282715	804250	—	—	2	Plugged 04-20-89
Humphry Grove	BR0863	—	—	282722	804311	15	—	2	Plugged 04-18-89
Humphry Grove	BR0864	—	—	282722	804302	30	—	1.25	Plugged 04-18-89
Hunt, Patricia	BR0870	35	—	280443	803650	—	—	2	Plugged 04-24-89
Husband, Esther	BR0967	20	—	282405	804027	180	—	2	Plugged 05-30-90
Indian Bay Associates	BR1291	35	—	275815	803055	—	—	4	Plugged 07-27-93
Irslinger, John	BR0516	20	1,453	282625	804245	210	—	4	Plugged 1987
Isings, Hank	BR0494	500	333	275314	803025	500	—	6	Plugged 04-03-87
Jacks, Gladys	BR0512	15	410	280143	803511	405	190	2	Plugged 1987
Jaren, Douglas	BR0972	10	—	282132	804138	120	—	2	Plugged 05-24-90
Jekyll, Inc.	BR1043	500	—	280753	803734	—	—	6	Plugged 07-12-89
Jekyll, Inc.	BR0733	800	627	280752	803734	470	—	6	Plugged 09-08-88
Jurgens, Rodney	BR0518	10	696	280940	803513	220	—	2	Plugged 06-03-87
Kauffman, Richard	BR1144	50	1,340	281043	803606	—	—	2	Plugged 03-04-92
Kees, Ernest	BR1183	20	—	282404	804206	125	—	2	Plugged 06-30-93
Keller, Ned	BR1474	115	990	281719	804035	315	—	10	Plugged 02-06-95
Kempfer, Billy	BR0953	35	296	280529	804808	230	—	2	Plugged 04-14-92
Kirshener, Neal	BR0970	—	644	280422	803604	—	—	2	Plugged 06-16-93
Kiser, Martin	BR0572	150	1,550	282431	804245	445	—	4	Plugged 08-04-88
Kline, Robert	BR0963	50	1,570	282136	804217	180	—	2	Plugged 06-06-90
Klink, Wesley	BR1439	50	551	275951	803337	—	—	—	Plugged 02-08-95
Klug, Peter	BR0700	200	1,470	281903	804109	240	—	6	Plugged 04-14-87
Kreisler, Alfred	BR1185	25	580	280150	803539	190	—	2	Plugged 03-11-92
Kroll, Ted	BR0519	20	755	280940	803514	220	—	2	Plugged 1987
Kuhl, Marguerite	BR0504	23	578	280431	803602	505	300	2	Reconstructed 06-02-87
Kurz, Mary	BR0205	—	1,980	282351	804203	—	—	4	Plugged 09-27-88
L.C. Judd & Co.	BR0509	—	—	280445	804140	184	83	6	Plugged 1987
Leavolkmer, Iva	BR1015	10	1,890	282218	804224	125	—	2	Plugged 05-09-90
Leek, Grant	BR0960	20	843	280448	803824	—	—	2	Plugged 06-06-93
Lewis, George W.	BR0721	5	996	282113	804212	250	—	2.5	Plugged 08-05-88
Lewis, James	BR0545	10	1,100	282355	803959	120	—	2	Plugged 08-10-88
Lone Cabbage	BR0204	—	—	280314	804451	—	—	2	Plugged 05-24-95
Lynn, John	BR1048	5	1,760	282225	804210	160	—	2	Plugged 05-08-90
MacGregor, John	BR1495	—	—	281222	803556	285	—	2	Plugged 09-12-95
Marathon Oil Co.	BR0372	300	—	280445	804233	—	—	8	Plugged 09-09-93
Marczak, James	BR0934	50	—	282247	804140	—	—	2	Plugged 07-27-89
Martines, Lee	BR0571	5	—	282051	803951	125	—	2	Plugged 07-01-88
McCool, Jack	BR1042	50	508	275957	803510	390	—	5	Plugged 02-08-95

## Abandoned Artesian Wells: 1995

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
McDonald, Nora	BR0985	—	—	281955	803936	—	—	3	Plugged 06-05-90
McNaught, John	BR0868	350	—	275531	803126	215	—	6	Plugged 04-24-89
McPhilamy, Sean	BR1024	5	—	282216	804154	—	—	2	Plugged 05-24-90
Megaworld Camp Ground	BR0158	50	—	283017	804649	210	—	4	Plugged 07-27-89
Melbourne, City of	BR0517	90	755	280449	803738	240	—	4	Plugged 05-28-87
Melbourne, City of	BR0722	5	548	280832	803813	—	—	3	Plugged 08-02-88
Meridith, William	BR0952	25	668	275943	803825	190	—	2	Plugged 04-08-92
Meyers, James	BR0433	77	968	281525	803950	220	—	4	Plugged 05-27-87
Milliken, Merrill	BR0524	50	1,652	282521	804304	140	—	4	Plugged 06-30-88
Moeller, Margaret	BR1016	—	1,190	281915	804112	—	—	2	Plugged 06-22-93
NASA	BR0367	—	—	283414	803912	225	131	4	Plugged 1984
NASA	BR0544	550	2,690	283227	804046	350	—	6	Plugged 06-22-88
NASA	BR0579	50	—	283130	803830	250	—	4	Plugged 06-22-88
NASA	BR0581	5	—	283612	804008	200	—	4	Plugged 06-23-88
NASA	BR0582	10	—	283605	804003	200	—	3	Plugged 06-23-88
NASA	BR0583	115	—	283130	804035	150	—	3	Plugged 06-27-88
NASA	BR0588	50	1,370	283134	803802	246	139	4	Plugged 05-01-84
NASA	BR0589	—	—	282845	803935	183	81	4	Plugged 06-01-84
NASA	BR0595	—	—	283343	804014	190	83	4	Plugged 05-01-84
NASA	BR0610	—	—	282918	804100	366	113	6	Plugged 09-20-85
NASA	BR0695	—	1,362	282747	803947	57	—	3	Plugged 06-01-83
NASA-Kennedy Space Ctr	BR0608	—	3,000	282921	804048	320	75	8	Reconstructed 1986
NASA-Kennedy Space Ctr	BR0609	135	3,440	282907	804101	371	100	8	Plugged 08-01-85
Oni of Linstead	BR0103	300	648	275810	803503	483	128	6	Plugged 03-16-92
Palm Bay, City of	BR0522	200	627	275957	803928	290	128	4	Plugged 05-31-88
Parrish, Jessie J.	BR0548	50	770	284714	805134	150	84	4	Plugged 08-11-88
Patrick AFB	BR0663	311	—	281306	803624	263	102	6	Plugged 08-11-85
Patrick AFB	BR0665	400	—	281130	803617	283	92	4	Plugged 04-29-86
Patrick AFB	BR0666	—	1,240	281122	803614	278	93	3.5	Plugged 04-30-86
Patrick AFB	BR0667	222	924	281127	803612	354	92	4	Plugged 07-14-86
Patrick AFB	BR0668	294	756	281127	803604	492	93	4	Plugged 07-14-86
Patrick AFB	BR0669	346	924	281124	803605	383	92	4	Plugged 07-15-86
Patrick AFB	BR0677	328	1,390	281145	803606	476	95	4	Plugged 07-16-86
Patrick AFB	BR0678	222	828	281142	803612	383	94	4	Plugged 07-16-86
Patrick AFB	BR0679	215	790	281139	803613	363	94	4	Plugged 07-17-86
Patrick AFB	BR0680	412	944	281136	803514	497	92	3.5	Plugged 07-17-86
Patrick AFB	BR0681	—	690	281133	803611	382	94	4	Plugged 07-18-86
Peek, Mary	BR0965	25	—	282103	804157	—	—	2	Plugged 05-31-90
Peregoy, Christa	BR0947	20	—	282058	804142	120	—	2	Plugged 06-12-90
Peterson, Margaret	BR0901	25	—	281855	804113	—	—	3	Plugged 07-26-89
Pigg, Gladys	BR0968	75	—	282057	804203	—	—	2	Plugged 04-15-92
Platt, Carlyle	BR1415	5	356	280314	804451	325	—	6	Plugged 02-23-95
Platt, Carlyle	BR1416	1,415	506	275941	804316	—	—	6	Plugged 09-07-93
Platt, Carlyle	BR1417	124	445	275943	804400	504	—	4	Plugged 04-13-95
Platt, Carlyle	BR1302	400	—	280100	804515	215	—	4	Plugged 02-28-95
Poole, Dorothy	BR1273	50	—	280406	803355	340	—	3	Plugged 07-13-93
Port Malabar Country Club	BR1276	1,500	652	280104	803802	421	192	8	Plugged 03-15-93
Previss, Dan	BR0875	50	—	275647	803207	—	—	2	Plugged 05-15-89
Quack, Donald	BR1056	—	879	280350	803738	—	—	2	Plugged 06-16-93
Radencic, W.	BR0508	100	550	275838	803301	250	—	3	Plugged 05-01-87



Appendix A—Inventory of Abandoned Artesian Wells

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Reder, Albert	BR0490	—	—	281739	804157	—	—	2	Plugged 03-12-87
Richens, Kent	BR0912	—	—	282017	803648	—	—	3	Plugged 06-23-92
Richichi, Domenik	BR0890	25	—	275701	803208	—	—	2	Plugged 07-20-89
Rivercrest Plaza	BR0872	10	—	280953	803839	—	—	2	Plugged 05-19-89
Rivercrest Plaza	BR0874	200	—	280954	803841	—	—	6	Plugged 05-19-89
Rivercrest Plaza	BR0895	1	—	280944	803836	—	—	2	Plugged 07-25-89
Rivercrest Plaza	BR0896	5	—	280945	803839	—	—	2.5	Plugged 07-13-89
Rivercrest Plaza	BR0897	10	—	280950	803838	—	—	2	Plugged 07-25-89
Rivercrest Plaza	BR0935	5	—	280951	803839	—	—	2	Plugged 07-13-89
Rockledge, City of	BR0945	100	—	281847	804420	240	—	4	Plugged 05-23-90
Rome, Sim	BR0515	—	—	282336	804225	180	—	2	Plugged 1987
Rosen, Clifford	BR0849	5	—	281010	803904	—	—	4	Plugged 05-11-89
Rothman, Maurice	BR1150	10	696	280437	804048	340	—	4	Plugged 03-04-92
Rowenhurst, Diane	BR0966	10	1,790	282224	804211	160	—	2	Plugged 05-03-90
Sartori, Jim	BR0718	120	564	275312	804147	295	—	3	Plugged 08-03-88
Sartori, Jim	BR0737	25	—	275322	804049	140	—	3	Plugged 08-02-88
Scarborough, Duane	BR0989	300	1,620	281811	804045	320	—	6	Plugged 04-16-92
Schappacher, Jerry	BR0735	10	1,170	280400	803549	—	—	2	Plugged 09-08-88
Schmitt, Ed	BR0848	25	—	280122	803734	—	—	2	Plugged 05-11-89
Schrursbrenn, Zita	BR0547	100	448	275955	804345	260	110	4	Plugged 03-11-92
Selmon, Jack	BR0852	5	—	282748	804247	—	—	2	Plugged 04-13-89
Sharpiro, Noel	BR0956	225	—	282904	805007	300	—	4	Plugged 06-04-90
Shepard, Nathaniel	BR1045	10	548	280004	803427	240	—	4	Plugged 03-10-92
Simpson, Jack	BR0602	50	—	282218	804643	371	112	4	Plugged 05-30-85
Singleton, Jean	BR0536	5	—	280745	803525	290	—	2	Plugged 06-08-88
SJRWMD	BR0279	400	380	275901	804320	364	—	4	Plugged 11-11-91
SJRWMD	BR0486	—	623	275040	804502	300	—	3	Plugged 04-27-87
SJRWMD	BR0487	85	331	275040	804529	295	114	3	Plugged 05-01-87
SJRWMD	BR0584	—	17	283732	805059	40	32	2	Plugged 09-18-95
SJRWMD	BR0726	100	376	275336	804543	—	—	3	Plugged 09-28-88
SJRWMD	BR0727	25	1,510	283644	805748	—	—	2	Plugged 09-26-88
SJRWMD	BR0791	300	480	275424	804544	—	—	4	Plugged 10-17-89
SJRWMD	BR0807	300	247	274948	804853	—	—	6	Plugged 04-02-91
SJRWMD	BR0821	182	—	275219	804840	—	—	4	Plugged 11-07-90
SJRWMD	BR0823	182	—	275314	804845	—	—	4	Plugged 11-17-90
SJRWMD	BR0826	621	—	275327	804848	—	—	6	Plugged 11-13-90
SJRWMD	BR0829	350	—	275248	804811	—	—	6	Plugged 11-14-90
SJRWMD	BR0833	796	—	275304	804742	—	—	6	Plugged 11-13-90
SJRWMD	BR0834	548	—	275311	804744	480	102	6	Plugged 11-06-90
SJRWMD	BR0836	621	—	275325	804745	—	—	6	Plugged 11-06-90
SJRWMD	BR0837	120	—	275431	804448	—	—	3	Plugged 10-17-89
SJRWMD	BR0887	—	—	280316	803307	95	85	4	Plugged 04-17-95
SJRWMD	BR0888	—	—	280316	803307	45	40	4	Plugged 04-17-95
SJRWMD	BR0889	—	—	280316	803307	24	19	4	Plugged 04-17-95
SJRWMD	BR0917	100	722	275041	804306	330	102	4	Plugged 01-31-90
SJRWMD	BR0918	100	725	275042	804329	350	102	3	Plugged 01-30-90
SJRWMD	BR0920	100	719	275133	804407	344	102	4	Plugged 02-02-90
SJRWMD	BR0921	100	649	275133	804317	282	100	4	Plugged 02-01-90
SJRWMD	BR0922	100	769	275052	804325	—	—	3	Plugged 02-05-90
SJRWMD	BR0923	100	714	275051	804330	280	104	3	Plugged 01-25-90

## Abandoned Artesian Wells: 1995

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
SJRWMD	BR0924	100	714	275122	804330	339	102	4	Plugged 01-30-90
SJRWMD	BR0925	100	170	275140	804330	282	100	3	Plugged 01-30-90
SJRWMD	BR0927	100	704	275027	804330	178	122	3	Plugged 01-24-90
SJRWMD	BR0928	100	721	275013	804330	315	104	3	Plugged 01-24-90
SJRWMD	BR0929	100	695	274934	804330	326	102	3	Plugged 01-24-90
SJRWMD	BR0930	100	704	274949	804300	—	—	3	Plugged 01-23-90
SJRWMD	BR0931	—	—	274950	804409	—	—	3	Plugged 02-02-90
SJRWMD	BR0997	—	—	274949	804521	290	—	3	Plugged 04-28-87
SJRWMD	BR1191	300	428	275623	804413	504	85	4	Plugged 11-04-91
SJRWMD	BR1192	300	392	275450	804347	495	86	4	Plugged 11-05-91
SJRWMD	BR1193	500	—	275450	804320	495	85	4	Plugged 11-18-91
SJRWMD	BR1194	300	492	275542	804320	316	73	4	Plugged 11-12-91
SJRWMD	BR1195	300	448	275807	804320	375	85	4	Plugged 11-06-91
SJRWMD	BR1196	300	—	275842	804320	360	—	4	Plugged 11-06-91
SJRWMD	BR1256	150	726	275041	804350	—	—	3	Plugged 01-31-90
SJRWMD	BR1257	50	360	275146	804535	390	—	4	Plugged 03-09-93
SJRWMD	BR1278	86	417	280246	804535	364	175	6	Plugged 03-06-95
SJRWMD	BR1279	140	357	280318	804528	333	83	3	Plugged 03-06-95
SJRWMD	BR1283	197	463	280102	804513	241	90	4	Plugged 03-07-95
SJRWMD	BR1426	—	—	283430	804837	—	—	6	Plugged 02-27-95
SJRWMD	BR1284	335	—	280049	804514	243	85	5	Plugged 02-28-95
Slaven, Ruth	BR1035	30	—	282331	804224	—	—	2	Plugged 07-07-93
Smith, Gerald	BR1060	—	—	282343	804308	120	—	2	Plugged 06-14-90
Snyder, Brenda	BR1143	25	280	275116	803013	—	—	2	Plugged 03-05-92
South Dade Farms	BR0565	—	—	275235	803855	680	—	6	Plugged 05-31-88
Sowden, Robert W.	BR1044	100	672	281631	804125	280	—	4	Plugged 05-17-90
Spears	BR0701	2	—	275229	802958	200	—	2	Plugged 04-18-86
Speegle, J.T.	BR0523	50	—	281913	804242	—	—	2	Plugged 07-26-89
Steel, Dave	BR0699	280	—	282350	804310	308	95	6	Plugged 07-09-86
Suderman, James	BR1182	—	—	282324	804439	49	—	2	Plugged 07-13-93
Sullivan Groves	BR0011	—	—	282742	803955	230	—	4	Plugged 06-28-88
Sunshine Nursery	BR0707	130	496	275634	803107	300	—	2	Plugged 04-18-86
Taranto, Angelo	BR0969	30	—	280407	803322	450	—	4	Plugged 03-14-90
Taranto, Angelo	BR1014	50	—	280407	803320	400	—	4	Plugged 03-14-90
Teaver, Betsy	BR1040	20	703	282051	804151	100	—	2	Plugged 06-14-90
Thompson, Dee	BR0500	—	—	282130	804504	240	200	4	Plugged 03-13-87
Tucker, G.A.	BR0899	200	—	281807	804455	—	—	4	Plugged 07-17-89
Turck, Clayton	BR0951	5	—	282000	803645	—	—	2	Plugged 04-10-90
Underhill Realty	BR0869	75	—	280554	804201	—	—	2	Plugged 04-24-89
Undetermined	BR0182	100	—	275843	803502	—	—	6	Plugged 05-15-89
Undetermined	BR0566	150	741	275248	804022	200	—	3	Plugged 08-03-88
Undetermined	BR1261	—	—	280751	804215	—	—	2	Repaired 07-09-92
USGS	BR1050	300	—	283835	804245	212	—	6	Plugged 05-08-90
Walden, F.E.	BR0498	55	911	281842	804224	150	—	4	Plugged 03-13-87
Walden, John	BR0871	200	—	280000	804202	—	—	4	Plugged 04-25-89
Warren, Eunice	BR1181	15	—	281141	803933	—	—	2	Plugged 03-12-92
Wegerif, E.L.	BR0390	40	1,470	281823	804054	158	—	2	Plugged 04-23-92
Wegerif, E.L.	BR0711	350	1,280	281820	804043	330	—	6	Plugged 04-21-92
Wegerif, E.L.	BR1036	40	1,460	281817	804048	—	—	2	Plugged 04-21-92
Wegerif, E.L.	BR0709	50	1,430	281816	804001	218	98	6	Plugged 07-10-86

Appendix A—Inventory of Abandoned Artesian Wells

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Wells, Willie Mae	BR1032	5	261	282124	804726	—	—	2	Plugged 05-29-90
White, Robert	BR0736	5	1,740	282225	804208	—	—	2	Plugged 09-09-88
Wilson, Billy	BR1046	50	3,233	282806	804304	220	—	4	Plugged 05-21-90
Wilson, Hobson	BR1475	950	944	281717	804040	241	85	3	Plugged 02-02-95
Windle, Leon	BR0734	35	1,660	282224	804208	125	—	2	Plugged 09-09-88
Woelk, Fred	BR0851	—	—	282822	804307	—	—	6	Plugged 04-20-89
Wolfman, Stanley	BR0099	—	—	281850	804038	141	104	4	Plugged 05-23-85
Wooding, Louis	BR0971	20	900	282048	804155	80	—	1.5	Plugged 06-14-90
Wright, Dale	BR0724	100	—	282405	804236	105	—	4	Plugged 08-05-88
Zimmerman, Abe	BR1058	50	—	282001	803655	130	—	6	Plugged 07-07-93
<b>Total</b>	<b>404</b>	<b>53,680</b>							
<b>Clay County</b>									
Cherokee Brick & Tile Co.	C-0379	2	7	300457	815022	—	—	1	Plugged 04-15-91
Cherokee Brick & Tile Co.	C-0013	—	5	300620	814628	—	—	6	Plugged 09-20-88
E.I. Dupont De Nemours Co.	C-0005	75	—	300302	814227	—	—	3	Plugged 03-29-89
Hargis, Jim	C-0090	—	—	300455	814911	—	—	4	Valved 09-26-88
Jensen, Ray	C-0476	300	6	300549	814543	610	—	6	Plugged 08-03-92
Kaiser Development Corp.	C-0019	100	38	295104	813701	—	—	4	Plugged 04-18-91
Skinner, Bryant	C-0129	297	134	300409	815152	424	200	6	Plugged 06-01-95
<b>Total</b>	<b>7</b>	<b>774</b>							
<b>Duval County</b>									
Atlantic Beach, City of	D-1262	—	—	301134	814128	—	—	3	Plugged 08-31-93
Bienenfeld Investment	D-4582	100	32	303100	812721	—	—	3	Plugged 06-27-90
Cribs King, Inc.	D-0691	—	22	302305	813654	—	—	—	Plugged 08-07-81
Crull, Gary	D-0160	1,500	14	301852	812342	550	338	8	Reconstructed 04-02-90
DNR	D-0291	—	125	301522	813313	1,237	520	12	Valved 08-07-92
DNR	D-1164	—	15	301846	813514	—	—	3	Plugged 07-18-90
GI National, Inc.	D-0252	—	—	301822	813311	750	—	8	Plugged 08-22-91
Groff, Guy	D-1271	30	4	301852	813704	577	385	4	Plugged 06-01-95
Groff & Zando	D-1265	—	—	302032	812354	460	320	6	Plugged 06-29-94
Jacksonville Electric Auth.	D-1281	—	—	301515	814823	775	—	8	Plugged 08-03-95
Jacksonville Electric Auth.	D-4584	569	11	301933	814436	594	—	8	Plugged 08-01-91
Jacksonville, City of	D-0435	—	8	301733	814317	195	32	8	Plugged 07-23-90
Jacksonville, City of	D-0578	—	—	303245	814343	91	—	2	Plugged 08-30-93
Jacksonville, City of	D-0606	50	21	302134	812827	804	—	6	Valved 04-30-92
Jacksonville, City of	D-0693	—	—	302437	814209	—	—	4	Plugged 07-25-90
Jacksonville, City of	D-1200	10	—	302448	813124	625	—	2	Plugged 06-20-90
Jacksonville, City of	D-1232	—	—	303247	814338	82	—	2	Plugged 08-30-93
Jacksonville, City of	D-1233	—	—	302841	813728	689	—	6	Plugged 03-30-95
Jacksonville, City of	D-1234	—	—	302640	813818	1,000	521	12	Valved 08-24-92
Jacksonville, City of	D-4589	—	—	302518	813013	—	—	2	Plugged 08-20-91
Jacobson, William D.	D-0642	256	17	302235	813516	1,041	625	12	Plugged 06-07-94
Jacobson, William P., Esq.	D-0685	50	15	302442	814116	480	—	8	Plugged 06-26-90
Jax Beach Golf Course	D-1219	30	—	301918	813820	320	—	2	Plugged 08-29-90
Kennedy, Foster	D-1359	200	21	302631	813125	733	500	4	Plugged 08-19-91
Montgomery Cor. Inst.	D-0570	—	—	302803	813751	168	—	16	Valved 08-24-92
Montgomery Cor. Inst.	D-1227	30	—	301651	812418	518	—	4	Plugged 01-28-93
Montgomery Cor. Inst.	D-1228	—	—	303234	814401	70	—	2	Plugged 08-30-93
Montgomery Cor. Inst.	D-1229	—	—	303241	814337	90	—	2	Plugged 08-30-93
Montgomery Cor. Inst.	D-1231	—	—	303235	814355	71	—	2	Plugged 08-30-93

## Abandoned Artesian Wells: 1995

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Neptune Beach	D-1198	—	—	302006	814109	358	—	8	Plugged 06-21-90
Riverside Group	D-0430	—	31	302318	813019	426	344	3	Plugged 05-20-87
Rudder Club Jax, Inc.	D-1161	—	—	301917	813505	65	—	4	Plugged 07-11-90
Rumble, John	D-1278	—	—	302504	813158	—	—	3	Plugged 05-30-95
Russell, James	D-1272	—	—	301658	813713	464	422	3	Plugged 06-02-95
Thomas, Jack	D-1199	—	—	301734	812616	550	480	3	Plugged 07-25-90
Troeger, Georgie	D-1118	—	—	302806	813754	740	592	8	Valved 08-24-92
Tye, F. Wade	D-1263	548	—	302034	812351	595	360	6	Plugged 06-22-94
Undetermined	D-1196	300	24	303049	812720	532	—	3	Plugged 08-04-92
Union Baptist Church	D-4591	180	22	301346	813718	645	506	4	Plugged 06-09-95
<b>Total</b>	<b>39</b>	<b>3,853</b>							
<b>Flagler County</b>									
Fishette, Armond	F-0221	20	—	293501	811149	—	—	6	Plugged 1985
Fishette, Armond	F-0222	60	—	293504	811150	—	—	6	Plugged 1985
Hammock Baptist Church	F-0220	30	—	293547	811147	—	—	4	Plugged 01-24-85
Hodges, Benjamin G.	F-0237	10	—	292517	812542	—	—	2	Plugged 01-23-85
Hodges, Benjamin G.	F-0238	10	—	292517	812543	—	—	2	Plugged 01-23-85
Ihlenfeldt, Kenneth	F-0253	40	—	293628	811203	158	147	4	Plugged 02-04-85
ITT Palm Coast	F-0223	10	—	293500	811135	—	—	6	Plugged 1985
Public domain	F-0029	—	—	293401	811111	—	—	6	Plugged 1984
Shaeffer	F-0224	5	—	292911	810803	—	—	2	Plugged 02-07-85
Show, Gearldine	F-0254	—	—	293709	811219	—	—	4	Plugged 01-31-85
Undetermined	F-0031	—	—	292523	812538	—	—	6	Plugged 01-23-85
Undetermined	F-0213	25	—	292519	812553	—	—	—	Plugged 01-22-85
Washington Oaks State Park	F-0304	—	1,640	293758	811232	380	—	4	Reconstructed 1984
Westbrook, J.H.	F-0255	—	—	293352	811101	138	87	2	Plugged 01-30-85
<b>Total</b>	<b>14</b>	<b>210</b>							
<b>Indian River County</b>									
Beasley, Pam	IR0788	50	242	273630	802403	—	—	2	Plugged 06-09-93
Borland, W.C.	IR0578	25	231	274415	802543	416	—	2	Plugged 03-25-91
Bradley, John	IR0503	200	—	273758	802247	—	—	4	Plugged 06-08-89
Carter & Associates	IR0616	115	636	274815	803630	462	165	6	Plugged 03-16-93
Carter & Associates	IR0615	100	565	274756	803810	470	—	6	Plugged 03-16-93
Corrigan Ranch	IR0841	704	555	273942	803107	1,000	235	8	Plugged 03-29-95
Davis, Jack	IR0815	—	—	274502	803026	658	—	3	Plugged 09-21-94
Davis, Jack	IR0848	200	491	274504	803036	718	—	4	Plugged 04-18-95
Dodgertown	IR0832	400	—	273842	802527	229	140	4	Plugged 08-28-95
Dodgertown	IR0592	1,500	444	273914	802626	908	—	8	Plugged 08-24-91
Dunne, Gary	IR0580	—	244	273638	802539	—	—	4	Plugged 03-22-91
Egan, Bernard	IR0555	500	661	274127	802913	—	—	4	Plugged 06-26-90
Egan, Bernard	IR0556	500	—	274149	802941	—	—	4	Plugged 06-25-90
Egan, Bernard	IR0557	500	552	274322	802735	—	—	4	Plugged 06-26-90
Evans, Anna	IR0534	200	—	273811	802447	—	—	4	Repaired 08-28-95
Fellsmere Fire Department	IR0844	485	—	274612	803606	667	180	6	Plugged 08-23-95
FGFWFC	IR0805	250	—	274802	802558	536	—	6	Plugged 08-29-95
Fisher, Henry	IR0829	235	210	274650	802729	567	172	3	Plugged 09-15-94
Fisher, Henry	IR0801	200	185	274700	802732	—	—	4	Plugged 09-14-94
Fisher, Henry	IR0803	92	202	274650	802723	451	135	4	Plugged 09-14-94
Fisher, Henry	IR0804	516	190	274701	802730	—	—	4	Plugged 09-13-94
Fisher, Henry	IR0802	—	—	274658	802734	—	—	6	Plugged 09-13-94

Appendix A—Inventory of Abandoned Artesian Wells

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Florida Atlantic Groves	IR0628	194	796	274823	803701	557	136	5	Plugged 04-12-95
Florida Atlantic Groves	IR0629	400	699	274837	803810	525	132	6	Plugged 04-12-95
Florida Atlantic Groves	IR0631	280	757	274847	803756	542	126	6	Plugged 04-05-95
Florida Atlantic Groves	IR0776	152	530	274816	803738	530	—	5	Plugged 04-11-95
Florida Atlantic Groves	IR0777	70	689	274854	803656	539	—	5	Plugged 04-06-95
Florida Atlantic Groves	IR0778	124	772	274834	803631	—	—	4	Plugged 04-05-95
G & M Groves Corp.	IR0581	—	—	274639	803636	—	—	4	Plugged 03-24-91
G & M Groves Corp.	IR0595	200	584	274642	803628	—	—	4	Plugged 11-20-91
Gar Groves	IR0835	185	286	274019	802924	558	231	6	Plugged 04-26-95
Gar Groves	IR0836	165	358	274032	802917	691	—	6	Plugged 05-01-95
Green, Barney	IR0718	2,500	837	273601	802918	422	166	6	Plugged 11-02-92
Griffin, Jason	IR0807	740	224	274132	802647	740	224	6	Reconstructed 05-17-95
Hales Groves	IR0843	176	402	273941	802749	640	132	5	Plugged 04-25-95
Harris Groves	IR0812	—	34	274315	802838	543	—	4	Reconstructed 09-28-94
Hensick, Norman	IR0751	100	498	273458	802558	731	147	4	Plugged 04-06-93
Heran, Bill	IR0597	50	412	273639	802331	—	—	4	Plugged 12-10-91
Herrin, Larry	IR0715	1	202	273820	802350	90	—	2	Plugged 03-23-93
Hill, A.M.	IR0582	50	6	273842	802608	—	—	3	Plugged 03-21-91
Hill, A.M.	IR0586	100	248	273833	802612	540	—	3	Plugged 03-21-91
Hobart Landing Joint Venture	IR0576	300	392	274408	802539	536	225	2.5	Plugged 03-26-91
Hobart Landing Joint Venture	IR0577	25	215	274412	802542	—	—	2.5	Plugged 03-25-91
IR County	IR0689	20	468	274242	802511	640	—	3	Plugged 06-09-92
IR County	IR0613	45	688	274747	802452	670	—	3	Plugged 06-04-92
IR County School Board	IR0621	—	—	274543	803043	459	164	4	Plugged 05-10-94
IR County Utilities	IR0505	160	—	273659	803010	—	—	6	Plugged 02-08-90
IR County Utilities	IR0506	75	371	273649	803019	—	—	4	Plugged 05-10-89
IR County Utilities	IR0507	100	392	273646	803036	—	—	6	Plugged 05-10-89
IR County Utilities	IR0514	160	343	273808	802655	520	—	6	Plugged 02-13-90
IR County Utilities	IR0527	—	—	274907	803017	121	—	4	Plugged 03-03-92
IR County Utilities	IR0528	—	—	274140	802554	140	—	4	Plugged 02-19-90
IR County Utilities	IR0529	—	—	274602	802653	—	—	1.25	Plugged 02-20-90
IR County Utilities	IR0530	—	—	273705	802330	130	—	6	Plugged 02-15-90
IR County Utilities	IR0531	—	—	273706	802339	90	—	12	Plugged 02-20-90
IR County Utilities	IR0532	—	—	273607	802444	110	—	6	Plugged 02-08-90
IR County Utilities	IR0533	—	—	273608	802444	120	—	6	Plugged 02-08-90
IR County Utilities	IR0535	—	—	274031	802536	50	—	2	Plugged 02-15-90
IR County Utilities	IR0536	—	—	274023	802513	90	—	2	Plugged 02-26-90
IR County Utilities	IR0538	—	—	274023	802513	112	—	8	Plugged 02-26-90
IR County Utilities	IR0539	—	—	274023	802513	90	—	2	Plugged 02-26-90
IR County Utilities	IR0544	—	—	273627	802259	100	—	8	Plugged 06-04-90
IR County Utilities	IR0545	—	—	273629	802300	100	—	8	Plugged 06-04-90
IR County Utilities	IR0546	—	—	273631	802331	100	—	8	Plugged 06-04-90
IR County Utilities	IR0547	—	—	273634	802333	100	—	8	Plugged 06-04-90
IR County Utilities	IR0548	—	—	273636	802334	100	—	8	Plugged 06-05-90
IR County Utilities	IR0690	—	—	274059	802519	84	—	6	Plugged 03-03-92
IR County Utilities	IR0691	—	—	274413	802537	—	—	2	Plugged 03-03-92
IR County Utilities	IR0796	—	34	274414	802648	76	76	2	Plugged 05-11-94
IR County Utilities	IR0797	—	153	274415	802653	72	72	2	Plugged 05-11-94
IR County Utilities	IR0800	—	171	275028	802918	89	—	6	Plugged 04-20-95
IR County Utilities	IR0851	197	—	274917	803020	—	—	4	Plugged 04-19-95

## Abandoned Artesian Wells: 1995

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
IR County Utilities	IR0852	—	—	274611	802708	106	—	6	Plugged 04-24-95
IR County Utilities	IR0853	—	—	274639	802727	86	—	6	Plugged 04-25-95
IR County Utilities	IR0549	—	—	273638	802336	100	—	8	Plugged 06-05-90
IR County Utilities	IR0537	200	284	274023	802513	700	—	8	Plugged 02-28-90
Integra Trust	IR0646	1,500	786	274507	803456	615	220	6	Plugged 01-07-93
Integra Trust	IR0647	250	552	274507	803449	595	127	4	Plugged 01-06-93
Integra Trust	IR0648	250	633	274507	803508	595	120	4	Plugged 01-06-93
Kennedy Groves	IR0729	2,500	153	274831	802545	570	125	6	Plugged 11-05-92
Kincaid, Mary E.	IR0569	300	384	273434	802434	—	—	3	Plugged 08-22-90
Laird, John	IR0611	100	521	273631	802610	580	—	2	Plugged 03-18-93
Lakewood Village	IR0596	400	872	273744	803049	892	262	6	Plugged 12-11-91
Linz, Bob	IR0779	350	824	273622	803115	945	250	8	Reconstructed 05-04-94
Lost Tree Village	IR0304	20	250	274337	802342	544	310	4	Plugged 03-27-91
Lost Tree Village	IR0498	30	268	274353	802336	705	280	3	Plugged 03-27-91
Martin, Gregory, Trustee	IR0224	300	400	274003	802317	—	—	6	Plugged 08-23-90
Moore, Keith	IR0713	40	934	274445	803534	580	—	4	Plugged 06-09-92
Morizot, Bob	IR0750	150	493	273807	802526	683	150	3	Plugged 04-06-93
Muller Enterprises	IR0579	110	189	274735	802729	—	—	4	Capped 10-17-90
New Horizon	IR0827	197	188	274638	802724	329	—	4	Plugged 04-25-95
Nijland, Willem	IR0726	200	—	273802	802628	640	225	4	Plugged 03-29-93
Nijland, Willem	IR0723	150	320	273803	802631	610	—	3	Plugged 03-29-93
Nijland, Willem	IR0728	30	—	273758	802627	600	—	4	Plugged 03-25-93
Nutting, Bill	IR0614	200	214	273937	802351	—	—	3	Plugged 11-20-91
Plato, Kirby	IR0806	150	—	273915	802727	742	—	4	Plugged 09-16-94
RCMA Childrens House	IR0749	50	454	274458	802928	—	—	3	Plugged 04-07-93
Rouse, Wayne	IR0813	—	—	274033	802957	—	—	6	Plugged 09-19-94
Rouse, Wayne	IR0814	124	594	274052	803002	687	375	4	Reconstructed 05-17-95
Ryals Groves	IR0752	—	460	274447	802551	—	—	6	Plugged 08-09-93
Schlitt, Bob	IR0789	100	992	273639	802751	680	—	4	Plugged 06-10-93
Schlitt, Christopher	IR0645	25	304	273829	802629	710	—	3	Plugged 06-03-92
Schlitt, Edgar	IR0722	50	194	274609	802641	—	—	2	Plugged 08-04-93
Sebastian, City of	IR0727	30	264	274831	802753	380	—	4	Plugged 03-24-93
Seminole Shores	IR0010	100	1,030	273430	801953	943	348	6	Plugged 04-01-91
Sexton Groves	IR0828	1	381	273421	802601	223	165	5	Plugged 03-30-95
Shulock, Michael	IR0594	300	424	273438	802553	—	—	4	Plugged 12-04-91
SJRWMD	IR0135	—	595	274658	804301	317	114	3	Plugged 04-20-87
SJRWMD	IR0306	—	805	274722	804301	300	—	3	Plugged 04-20-87
SJRWMD	IR0307	—	484	274658	804401	300	—	3	Plugged 04-20-87
SJRWMD	IR0308	—	554	274724	804404	275	—	3	Plugged 04-21-87
SJRWMD	IR0309	—	—	274745	804404	275	—	3	Plugged 04-21-87
SJRWMD	IR0310	—	—	274710	804234	300	—	3	Plugged 04-24-87
SJRWMD	IR0314	100	595	273649	804527	706	202	6.5	Plugged 09-26-89
SJRWMD	IR0315	300	369	273645	804525	734	200	6	Plugged 06-05-90
SJRWMD	IR0317	500	793	273626	804632	920	196	6	Plugged 09-25-90
SJRWMD	IR0318	200	630	273738	804514	—	—	6	Plugged 09-19-89
SJRWMD	IR0347	—	—	274552	804301	—	—	3	Plugged 08-23-87
SJRWMD	IR0348	75	—	274615	804404	—	—	3	Plugged 04-22-87
SJRWMD	IR0349	—	—	274617	804301	300	—	3	Plugged 04-22-87
SJRWMD	IR0357	200	432	273630	804603	—	—	6	Plugged 09-21-89
SJRWMD	IR0360	150	697	273714	804530	—	—	6	Plugged 09-27-89

Appendix A—Inventory of Abandoned Artesian Wells

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
SJRWMD	IR0397	150	406	274026	803847	400	—	2.5	Plugged 04-30-87
SJRWMD	IR0398	—	—	274040	803847	400	—	4	Plugged 05-05-87
SJRWMD	IR0399	—	—	274047	803902	50	—	2	Plugged 04-29-87
SJRWMD	IR0400	—	—	274053	803839	50	—	2	Plugged 04-29-87
SJRWMD	IR0453	500	672	273343	804507	1,036	—	6	Plugged 10-16-89
SJRWMD	IR0454	50	529	273401	804535	—	—	6	Plugged 09-07-89
SJRWMD	IR0455	500	502	273408	804421	795	198	6	Plugged 08-28-89
SJRWMD	IR0456	350	418	273424	804415	—	—	5	Plugged 08-29-89
SJRWMD	IR0457	300	428	273449	804411	780	236	4	Plugged 08-30-89
SJRWMD	IR0458	300	474	273425	804345	500	172	4	Plugged 08-30-89
SJRWMD	IR0459	300	83	273424	804344	—	—	6	Plugged 08-31-89
SJRWMD	IR0460	300	—	273451	804241	—	—	6	Plugged 09-13-89
SJRWMD	IR0461	400	603	273401	804232	—	—	6	Plugged 09-11-89
SJRWMD	IR0462	100	674	273357	804217	—	—	6	Plugged 09-11-89
SJRWMD	IR0463	50	62	273356	804314	630	210	6	Plugged 09-11-89
SJRWMD	IR0464	400	118	273343	804345	780	206	6	Plugged 09-05-89
SJRWMD	IR0510	150	—	274529	804230	400	—	4	Plugged 05-09-89
SJRWMD	IR0512	100	—	274643	804229	—	—	3	Plugged 05-09-89
SJRWMD	IR0518	300	337	273417	804541	—	—	6	Plugged 09-06-89
SJRWMD	IR0522	100	556	273655	804552	—	—	8	Plugged 09-20-89
SJRWMD	IR0524	75	644	273723	804553	—	—	6	Plugged 09-18-89
SJRWMD	IR0763	1,275	394	274737	804806	671	170	8	Plugged 05-27-94
SJRWMD	IR0764	1,275	394	274801	804810	798	142	8	Plugged 05-23-94
SJRWMD	IR0765	1,125	354	274831	804818	670	152	8	Plugged 05-18-94
SJRWMD	IR0766	750	351	274829	804809	570	115	8	Plugged 05-19-94
SJRWMD	IR0772	500	400	274744	804454	720	163	8	Plugged 05-26-94
SJRWMD	IR0773	569	379	274742	804741	717	158	8	Plugged 05-24-94
SJRWMD	IR0774	687	339	274846	804825	840	175	8	Plugged 05-18-94
SJRWMD	IR0780	—	—	274744	804454	—	—	2	Plugged 05-23-94
SJRWMD	IR0781	—	—	274829	804809	205	—	2	Plugged 05-25-94
SJRWMD	IR0782	15	384	274801	804810	75	75	2	Plugged 05-23-94
SJRWMD	IR0783	—	—	274748	804458	—	—	2	Plugged 1993
SJRWMD	IR0784	—	—	274748	804458	—	—	2	Plugged 05-26-94
SJRWMD	IR0854	121	216	273806	804519	718	175	6	Plugged 05-17-95
Solid Waste District	IR0588	300	844	273428	802932	740	—	6	Plugged 04-01-91
Solid Waste District	IR0589	—	—	273442	802853	87	—	2	Plugged 03-28-91
Stough, Marionne	IR0492	115	453	274513	802931	208	104	4	Plugged 03-06-89
Sun Ag, Inc.	IR0495	500	—	274917	803928	—	—	6	Plugged 05-09-89
Sun Ag, Inc.	IR0496	100	—	274917	804040	—	—	4	Plugged 05-09-89
Takaho	IR0558	500	266	274122	802942	—	—	6	Plugged 08-21-90
Takaho	IR0559	500	277	274116	802941	—	—	4	Plugged 08-15-90
Takaho	IR0564	500	395	274035	802847	—	—	5	Plugged 08-21-90
Takaho Corp.	IR0551	200	785	274127	803013	—	—	4	Plugged 06-14-90
Takaho Corp.	IR0552	500	323	274125	803042	—	—	4	Plugged 08-16-90
Takaho Corp.	IR0553	500	557	274113	802919	566	188	6	Plugged 06-21-90
Takaho Corp.	IR0554	800	453	274109	802857	—	—	6	Plugged 06-27-90
Thomas Doyle Hogan	IR0617	150	692	273356	802809	741	140	4	Plugged 11-19-91
Varon, Frank	IR0622	50	491	274032	802733	603	—	3	Plugged 03-17-93
Vero Beach Municipal Airport	IR0693	35	222	273916	802532	690	—	4	Plugged 06-03-92
Vero Beach Municipal Airport	IR0692	50	166	273909	802500	720	—	4	Plugged 06-02-92

## Abandoned Artesian Wells: 1995

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Village Green	IR0822	—	—	273828	802834	900	400	6	Plugged 03-22-95
Village Green	IR0823	144	24	273827	802838	753	365	6	Plugged 03-22-95
Waters Edge Associates	IR0593	50	—	274742	802731	—	—	2	Plugged 11-21-91
Weldon Co.	IR0810	135	874	273900	803041	795	—	8	Plugged 09-12-94
Wild Turkey	IR0561	300	339	274112	803003	—	—	4	Plugged 08-15-90
Wild Turkey	IR0567	300	337	274112	803021	—	—	4	Plugged 08-15-90
Wodtke, Louis	IR0494	100	390	275028	802929	—	—	2	Plugged 05-08-89
Zern, Allen	IR0842	233	747	274146	802739	587	182	4	Plugged 03-28-95
<b>Total</b>	<b>180</b>	<b>39,877</b>							
<b>Lake County</b>									
Blackwat, Ervin	L-0084	50	252	291000	813126	—	—	2	Plugged 10-09-89
Center Lake Property	L-0459	—	13	283024	814109	213	85	6	Plugged 07-07-92
Center Lake Property	L-0473	—	—	283052	814036	—	—	10	Plugged 07-16-92
Center Lake Property	L-0474	—	—	283024	814058	467	—	10	Plugged 07-20-92
Center Lake Property	L-0475	—	—	283036	814154	481	157	10	Plugged 07-29-92
Center Lake Property	L-0476	—	3	283003	814114	543	100	10	Plugged 07-27-92
Center Lake Property	L-0477	—	—	283025	814042	514	206	8	Plugged 07-14-92
Center Lake Property	L-0478	—	—	283040	814043	347	126	8	Plugged 07-16-92
Greater Construction Corp.	L-0622	—	—	282242	814140	362	268	12	Plugged 04-29-93
Greater Construction Corp.	L-0623	—	13	282225	814131	437	262	12	Plugged 05-04-93
Greater Construction Corp.	L-0645	—	6	293221	814230	—	—	8	Plugged 06-13-94
Greater Construction Corp.	L-0646	—	11	283149	814228	—	—	8	Plugged 06-13-94
SJRWMD	L-0163	—	—	283946	814123	236	—	6	Plugged 04-30-90
SJRWMD	L-0291	50	116	284005	814139	100	—	2	Plugged 04-24-90
SJRWMD	L-0292	—	—	283948	814138	142	90	6	Plugged 04-25-90
SJRWMD	L-0295	—	—	284024	814232	47	—	2	Plugged 04-12-90
SJRWMD	L-0297	—	—	284117	814230	230	—	4	Plugged 04-16-90
SJRWMD	L-0298	—	—	284125	814234	20	—	2	Plugged 04-12-90
SJRWMD	L-0299	—	—	283940	814202	30	—	2	Plugged 04-23-90
SJRWMD	L-0451	—	—	285419	814754	405	400	4	Plugged 03-20-95
SJRWMD	L-0494	—	—	285205	814915	177	—	4	Plugged 03-31-92
SJRWMD	L-0496	—	—	285205	814918	—	—	6	Plugged 03-31-92
SJRWMD	L-0497	—	—	285226	814926	195	—	2	Plugged 03-31-92
SJRWMD	L-0498	—	—	285226	814926	19	—	6	Plugged 03-31-92
SJRWMD	L-0499	—	—	285257	814945	—	—	6	Plugged 03-31-92
SJRWMD	L-0500	—	—	285257	814945	203	—	2	Plugged 03-31-92
SJRWMD	L-0501	—	—	285259	814912	183	—	2	Plugged 03-31-92
SJRWMD	L-0517	—	—	285206	814918	19	—	2	Plugged 03-31-92
SJRWMD	L-0518	75	—	284733	812452	87	—	4	Plugged 07-27-95
SJRWMD	L-0520	—	—	285205	814918	19	—	2	Plugged 03-31-92
SJRWMD	L-0521	—	—	285205	814918	19	—	2	Plugged 03-31-92
SJRWMD	L-0608	—	—	285423	814632	186	80	4	Plugged 09-15-92
SJRWMD	L-0609	—	—	285318	814759	145	—	4	Plugged 03-20-95
SJRWMD	L-0610	—	—	285318	814757	120	—	4	Plugged 03-20-95
SJRWMD	L-0611	—	—	285357	814728	166	—	4	Plugged 03-20-95
SJRWMD	L-0612	—	—	285351	814734	81	—	4	Plugged 03-20-95
SJRWMD	L-0613	—	—	285351	814739	237	—	4	Plugged 03-20-95
SJRWMD	L-0625	—	—	285505	814826	274	168	2	Plugged 03-20-95
SJRWMD	L-0642	—	—	285424	814800	—	—	2	Plugged 03-21-95
SJRWMD	L-0643	—	—	285319	814727	199	—	2	Plugged 03-20-95



Appendix A—Inventory of Abandoned Artesian Wells

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
SJRWMD	L-0519	—	—	285205	814918	—	—	2	Plugged 03-31-92
USDA Forest Service	L-0060	10	—	290031	812328	126	—	6	Plugged 05-29-91
USDA Forest Service	L-0439	—	—	290752	813711	—	—	2	Plugged 05-30-91
USDA Forest Service	L-0440	—	—	290148	812607	142	—	1.4	Plugged 05-29-91
USDA Forest Service	L-0444	—	—	285829	813738	175	—	4	Plugged 05-30-91
USDA Forest Service	L-0447	—	—	290030	813538	—	—	2	Plugged 06-11-91
USDA Forest Service	L-0448	—	—	290030	813536	—	—	1.4	Plugged 06-11-91
USDA Forest Service	L-0449	—	—	290030	813536	—	—	2	Plugged 06-11-91
USDA Forest Service	L-0450	—	—	290040	813554	—	—	1.25	Plugged 06-11-91
<b>Total</b>	<b>49</b>	<b>185</b>							
Marion County									
Hastings & Green	M-0043	—	—	292349	820526	—	—	6	Plugged prior to 1988
SJRWMD	M-0339	200	6	290508	815503	203	109	6	Plugged 12-21-92
SJRWMD	M-0233	—	15	290038	814919	340	—	8	Plugged 05-17-90
SJRWMD	M-0236	—	—	290342	815121	281	74	8	Plugged 05-08-90
SJRWMD	M-0237	—	—	290213	815048	341	—	8	Plugged 05-08-90
SJRWMD	M-0238	—	—	290116	815011	494	160	8	Plugged 05-03-90
SJRWMD	M-0331	250	4	290512	815423	200	—	8	Plugged 09-09-92
SJRWMD	M-0332	50	6	290510	815509	197	83	8	Plugged 11-17-92
SJRWMD	M-0334	130	5	290515	815522	210	—	6	Plugged 11-19-92
SJRWMD	M-0335	75	—	290556	815541	180	—	8	Plugged 11-11-92
SJRWMD	M-0336	75	5	290620	815530	120	—	4	Plugged 09-09-92
SJRWMD	M-0337	50	7	290728	815653	150	—	4	Plugged 11-11-92
SJRWMD	M-0338	100	6	290754	815704	160	—	4	Plugged 11-11-92
SJRWMD	M-0340	50	—	290528	815509	160	—	3	Plugged 11-17-92
SJRWMD	M-0341	75	—	290635	815609	156	—	4	Plugged 11-16-92
SJRWMD	M-0342	1	—	290755	815636	148	—	4	Plugged 12-16-92
SJRWMD	M-0343	—	5	290703	815539	—	—	3	Plugged 06-15-94
SJRWMD	M-0349	—	—	290540	815558	—	—	3	Plugged 06-15-94
SJRWMD	M-0350	50	—	290729	815607	170	—	4	Plugged 11-11-92
SJRWMD	M-0352	50	—	290623	815521	185	—	4	Plugged 12-07-92
SJRWMD	M-0378	—	—	290424	815535	309	105	8	Plugged 03-09-95
USDA Forest Service	M-0218	—	—	291951	814428	—	—	2	Plugged 04-10-90
USDA Forest Service	M-0220	50	257	292053	813934	143	124	4	Plugged 04-04-90
USDA Forest Service	M-0221	—	—	292116	814406	91	90	4	Plugged 04-09-90
USDA Forest Service	M-0222	—	99	292131	814406	126	62	4	Plugged 04-05-90
USDA Forest Service	M-0223	—	—	292130	814406	187	—	2	Plugged 04-09-90
USDA Forest Service	M-0224	—	—	291758	813943	—	—	4	Plugged 04-10-90
USDA Forest Service	M-0244	—	—	291307	813934	52	—	4	Plugged 05-22-90
USDA Forest Service	M-0245	—	—	291309	813936	176	40	4	Plugged 05-24-90
USDA Forest Service	M-0256	—	—	292052	814358	20	—	1.5	Plugged 04-08-91
USDA Forest Service	M-0257	—	—	292055	814400	62	—	2.5	Plugged 04-08-91
USDA Forest Service	M-0258	—	—	292051	814358	32	—	1.5	Plugged 04-08-91
USDA Forest Service	M-0259	—	—	292050	814405	75	—	2	Plugged 04-08-91
USDA Forest Service	M-0261	—	—	292053	814349	45	—	2	Plugged 04-08-91
USDA Forest Service	M-0262	—	—	292056	814352	76	—	2	Plugged 04-08-91
USDA Forest Service	M-0263	—	—	291433	815653	32	—	2	Plugged 04-08-91
USDA Forest Service	M-0264	—	—	293015	815320	90	—	6	Plugged 04-11-91
USDA Forest Service	M-0265	—	—	291656	815227	160	—	6	Plugged 06-10-91
USDA Forest Service	M-0267	20	176	292056	814339	43	—	2	Plugged 04-08-91

## Abandoned Artesian Wells: 1995

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
USDA Forest Service	M-0278	—	—	290022	814033	—	—	36	Plugged 06-04-91
USDA Forest Service	M-0279	—	—	285957	814642	406	—	6	Plugged 06-03-91
USDA Forest Service	M-0280	—	—	285923	814514	—	—	1.5	Plugged 06-03-91
USDA Forest Service	M-0281	—	—	291031	815217	130	—	4	Plugged 06-05-91
USDA Forest Service	M-0283	—	—	292117	815107	—	—	6	Plugged 08-13-92
USDA Forest Service	M-0329	—	—	291025	815209	129	—	3	Plugged 10-26-92
USDA Forest Service	M-0330	—	—	291513	815155	25	—	1.5	Plugged 08-12-92
USDA Forest Service	M-0344	—	—	291218	815621	170	—	6	Plugged 08-12-92
<b>Total</b>	<b>47</b>	<b>1,226</b>							
<b>Nassau County</b>									
Florida DOT	N-0192	100	30	304433	813921	180	—	2	Plugged 10-15-92
ITT Rayonier	N-0117	—	938	304001	812803	—	—	12	Repaired 03-15-94
ITT Rayonier	N-0241	—	—	304000	812804	—	—	—	Repaired 08-09-95
Nassau Fertilizer & Oil Co.	N-0197	—	—	304134	812733	260	—	4	Plugged 10-12-92
Nassau Fertilizer & Oil Co.	N-0198	—	36	304128	812733	520	—	4	Plugged 10-15-92
Saig, Stewart	N-0054	15	30	303722	812954	482	—	3	Plugged 03-04-93
SJRWMD	N-0190	—	616	303823	812733	1,020	565	12	Reconstructed 10-23-91
<b>Total</b>	<b>7</b>	<b>115</b>							
<b>Orange County</b>									
Greater Construction Corp.	OR0608	—	11	284441	813759	—	—	2	Plugged 06-08-94
Molitor, Roger	OR0513	—	—	283243	812809	384	118	8	Plugged 09-29-92
SJRWMD	OR0466	75	—	283407	805943	—	—	3	Plugged 09-27-88
<b>Total</b>	<b>3</b>	<b>75</b>							
<b>Osceola County</b>									
SJRWMD	OS0011	1	—	280624	805542	90	—	2	Plugged 10-11-89
SJRWMD	OS0013	—	—	280502	805712	—	—	1	Plugged 10-11-89
SJRWMD	OS0034	—	—	280502	805713	—	—	2	Plugged 10-11-89
<b>Total</b>	<b>3</b>	<b>1</b>							
<b>Putnam County</b>									
Corps of Engineers	P-0119	20	196	293317	814308	—	—	3	Plugged 04-09-91
Corps of Engineers	P-0120	25	197	293320	814256	—	—	3	Plugged 04-09-91
Corps of Engineers	P-0306	—	4	293300	815239	189	105	8	Valved 07-27-90
First Presbyterian Church	P-0121	10	188	293842	813751	186	—	3	Plugged 08-27-91
First Presbyterian Church	P-0122	10	191	293842	813751	203	—	3	Plugged 08-27-91
Florida DOT	P-0783	25	402	294048	813444	177	99	4	Plugged 04-07-95
Jones, Evelyn	P-0722	150	—	294250	813529	—	—	4	Plugged 08-27-91
Putnam County	P-0697	20	153	293837	813522	—	—	4	Plugged 08-26-91
USDA Forest Service	P-0117	—	—	292943	815033	157	142	4	Plugged 05-30-90
USDA Forest Service	P-0118	—	—	292943	815033	146	90	6	Plugged 05-29-90
<b>Total</b>	<b>10</b>	<b>260</b>							
<b>St. Johns County</b>									
IFAS	SJ0682	—	—	294318	812942	—	—	6	Plugged 09-19-88
Bulls Hit Ranch & Farm	SJ0562	1	—	294107	813048	120	—	3	Plugged 06-10-86
Bulls Hit Ranch & Farm	SJ0561	250	641	294155	813315	240	—	8	Reconstructed 1986
DNR	SJ0180	50	59	295458	811818	186	—	2	Plugged 04-25-91
Drysdale, D., Trustee	SJ0512	500	1,600	294923	811623	—	—	6	Plugged 04-04-89
FEC Railway Corp.	SJ0235	25	146	295333	811933	—	—	2	Plugged 04-29-91
Florida DOT	SJ0237	100	504	294050	812815	160	—	4	Plugged 04-23-91
Glover, Patricia	SJ0790	—	—	294316	813050	—	—	2	Plugged 02-14-94
Gordon-Mills, Rosalie	SJ0748	75	377	295321	811851	220	—	4	Plugged 05-21-92

**Appendix A—Inventory of Abandoned Artesian Wells**

**Table A2—Continued**

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Griffin, John W.	SJ0225	620	—	294811	811628	—	—	6	Plugged 07-17-90
Johns, Danny	SJ0600	—	430	294024	812927	408	110	4	Reconstructed 02-26-88
Maltby, Carnell	SJ0597	—	583	294053	812842	395	104	6	Reconstructed 04-22-93
McCook, Mary	SJ0024	120	147	295327	811929	250	—	4	Plugged 03-25-86
Northwest Utilities	SJ0045	1,000	—	295802	813148	213	186	8	Plugged 08-19-92
Northwest Utilities One	SJ0044	300	—	295815	813107	397	187	6	Plugged 08-17-92
Northwest Utilities One	SJ0048	1,275	19	295749	813147	62	190	8	Plugged 08-18-92
Northwest Utilities One	SJ0175	800	25	295817	813046	385	167	6	Plugged 08-19-92
Northwest Utilities One	SJ0712	—	—	295749	813147	—	—	4	Plugged 08-18-92
Northwest Utilities One	SJ0713	—	—	295749	813147	—	—	4	Plugged 08-18-92
Northwest Utilities One	SJ0714	150	—	295801	813052	340	—	4	Plugged 08-17-92
Northwest Utilities One	SJ0759	500	21	295821	813122	211	189	6	Plugged 08-19-92
Northwest Utilities Two	SJ0757	—	—	295834	812831	58	—	4	Plugged 08-18-92
Northwest Utilities Two	SJ0758	100	23	295834	812832	500	—	4	Plugged 08-19-92
Northwest Utilities Two	SJ0761	50	31	295835	812833	380	—	2	Plugged 10-26-92
NW Util/Dunavent Enterprise	SJ0700	364	26	295720	813045	597	—	4	Plugged 08-24-93
NW Util/Dunavent Enterprise	SJ0701	—	—	295737	812940	160	—	4	Plugged 08-23-93
NW Util/Dunavent Enterprise	SJ0702	55	157	295734	812942	234	—	2	Plugged 08-23-93
NW Util/Dunavent Enterprise	SJ0707	—	54	295717	813048	25	—	2	Plugged 08-24-93
NW Util/Dunavent Enterprise	SJ0708	—	—	295725	813048	28	—	1.5	Plugged 08-24-93
NW Util/Dunavent Enterprise	SJ0709	140	25	295728	813058	620	—	4	Plugged 08-24-93
Singleton, James	SJ0564	—	418	293928	812958	256	76	3	Plugged 06-04-86
Smith, Rocky	SJ0699	50	146	295405	811953	—	—	4	Plugged 05-21-92
St. Augustine, City of	SJ0213	200	80	295307	811716	300	225	10	Plugged 03-28-89
Stone, John	SJ0038	—	—	294212	813020	510	122	6	ASCS prior to 1988
Wetumpka Fruit Co.	SJ0522	310	2,068	294137	812936	510	60	6	Plugged 05-28-86
Wetumpka Fruit Co.	SJ0523	100	1,740	294134	812936	524	51	6	Plugged 05-22-86
Wetumpka Fruit Co.	SJ0524	135	5,860	294136	812936	516	55	6	Plugged 05-21-86
Wetumpka Fruit Co.	SJ0525	130	1,960	294129	812936	503	60	6	Plugged 05-30-86
Wetumpka Fruit Co.	SJ0526	130	1,250	294126	812936	484	81	6	Plugged 06-09-86
Wetumpka Fruit Co.	SJ0527	130	—	294131	812943	—	—	6	Plugged 06-09-86
Wetumpka Fruit Co.	SJ0528	—	—	294050	812944	—	—	6	Plugged 1986
<b>Total</b>	<b>41</b>	<b>7,660</b>							
<b>Seminole County</b>									
Bass	S-0591	—	14	284907	811912	—	—	2.5	Valved 08-10-89
Bass	S-0604	—	—	284924	811917	—	—	2	Valved 08-09-89
Bass, Dennis	S-0275	—	16	284916	811908	—	—	2	Valved 08-10-89
Bass, Dennis	S-0276	—	24	284915	811908	—	—	3	Valved 08-10-89
Bass, Dennis	S-0585	—	28	284922	811909	—	—	2.5	Valved 08-09-89
Bass, Dennis	S-0586	—	19	284914	811912	—	—	3.5	Valved 08-10-89
Bass, Dennis	S-0587	—	27	284916	811913	—	—	3	Valved 08-10-89
Bass, Dennis	S-0605	—	—	284918	811908	—	—	3	Valved 08-10-89
Bass, Dennis	S-0606	—	—	284914	811908	—	—	4	Valved 08-10-89
Bass, Dennis	S-0607	—	—	284911	811908	—	—	4	Valved 08-10-89
Bass, Richard L.	S-0588	—	13	284908	811915	—	—	3	Valved 08-10-89
Bass, Richard L.	S-0589	—	—	284908	811912	—	—	2	Valved 08-10-89
Bass, Richard L.	S-0590	—	—	284908	811912	—	—	3	Valved 08-10-89
Bass, Richard L.	S-0608	—	—	284906	811908	—	—	2	Valved 08-09-89
Bass, Richard L.	S-0609	—	—	284904	811908	—	—	2	Valved 08-09-89
Bass, Richard L.	S-0610	—	—	284902	811908	—	—	2	Valved 08-09-89

## Abandoned Artesian Wells: 1995

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Brown, George	S-0669	35	516	284812	811333	—	—	2	Plugged 03-15-89
Brown, George	S-0728	5	542	284804	811332	—	—	3	Valved 03-15-89
Bruce, Edgar	S-0602	—	—	284928	811916	—	—	2	Valved 08-06-89
Bruce, Edgar	S-0603	—	—	284926	811916	—	—	4	Valved 08-09-89
Carrone, Anthony	S-0877	—	—	284748	811323	—	—	3	Repaired 08-11-94
Cepuran, Bruce	S-0988	50	371	284841	811816	—	—	—	Repaired 07-27-94
Cepuran, Bruce	S-1040	—	—	284849	811817	—	—	3	Repaired 07-27-94
Cepuran, Bruce	S-1041	—	—	284849	811816	—	—	2	Repaired 07-27-94
Cepuran, Bruce	S-1044	6	409	284849	811818	132	40	3	Repaired 07-26-94
Chioma, Thomas J.	S-1049	10	73	283930	811249	—	—	2	Plugged 08-30-94
Chioma, Thomas J.	S-1050	20	70	283928	811250	—	—	4	Plugged 08-30-94
Chira, Martin	S-0658	—	584	284738	811315	—	—	3	Plugged 08-18-94
Chira, Martin	S-0659	—	—	284738	811313	227	108	3	Plugged 08-10-94
Cooper, Mary	S-0968	—	—	284811	811544	—	—	3	Plugged 08-18-94
Craig, Shirley	S-0938	25	436	284829	811800	280	—	2.5	Plugged 10-27-92
Do Tieng, Kim	S-1010	25	—	284132	811119	158	—	6	Plugged 09-20-95
Do Tieng, Kim	S-1011	305	—	284134	811120	140	—	4	Plugged 09-20-95
Duy, Phamtien	S-1069	124	—	284157	811053	90	—	4	Plugged 08-07-95
Estes, Tom	S-1055	—	—	283828	811308	—	—	2	Repaired 09-21-95
Eurofund	S-0270	75	—	284850	811726	—	—	4	Plugged 10-10-89
Eurofund	S-0271	75	833	284852	811725	—	—	2	Plugged 08-16-90
Eurofund	S-0526	50	1,000	284901	811725	—	—	3	Plugged 10-10-89
Eurofund	S-0529	50	906	284853	811725	—	—	4	Plugged 08-16-89
Eurofund	S-0530	100	857	284851	811725	—	—	2	Plugged 08-16-89
Ferlita, Guy	S-1181	—	—	284215	811547	93	72	3	Plugged 06-14-95
FGFWFC	S-0050	55	1,850	284306	811019	102	62	4	Plugged 09-22-87
FGFWFC	S-0051	10	1,555	284306	811017	122	119	4	Plugged 09-23-87
FGFWFC	S-0052	—	1,650	284306	811015	102	—	4	Plugged 09-23-87
FGFWFC	S-0053	—	—	284310	811019	115	—	3	Plugged 09-22-87
FGFWFC	S-0054	—	1,625	284310	811017	123	108	4	Plugged 09-23-87
FGFWFC	S-0055	10	1,740	284310	811015	130	77	4	Plugged 09-22-87
FGFWFC	S-0084	—	—	284302	811016	68	68	3	Plugged 09-23-87
FGFWFC	S-0105	—	—	284310	811020	120	—	3	Plugged 09-23-87
First Christ Church	S-1182	—	—	284247	812207	134	—	3	Plugged 06-13-95
First Christ Church	S-1183	—	—	284247	812207	171	105	3	Plugged 06-13-95
Flowers, Clyde	S-0909	50	488	284812	811323	—	—	2	Plugged 09-20-93
Flowers, Clyde	S-0910	50	—	284815	811323	—	—	2	Plugged 09-20-93
Greene, Linda	S-1188	400	—	284204	811009	109	72	4	Plugged 08-16-95
Greenlee, William	S-1084	15	270	284837	811820	105	—	2	Plugged 06-19-95
Greenlee, William	S-1085	15	255	284837	811823	102	—	2	Plugged 06-12-95
Hammond, Shayne	S-1220	100	—	284634	811214	125	—	2	Plugged 08-21-95
Jenkins, Tommy L.	S-0890	35	525	284735	811353	154	—	3	Plugged 08-17-94
Kirchhoff, Bill	S-0561	—	418	284904	811804	—	—	3	Valved 1989
Kirchhoff, Bill	S-0563	—	306	284907	811801	—	—	3	Valved 1989
Kirchhoff, Bill	S-0564	—	317	284909	811800	—	—	2	Valved 08-17-89
Kirchhoff, Bill	S-0655	—	—	284903	811812	—	—	1.5	Valved 08-17-89
Kirchhoff, Bill	S-0657	—	—	284837	811556	—	—	2	Valved 08-17-89
Kirchhoff, William	S-0876	161	—	284541	811322	180	95	4	Plugged 08-09-94
Lavelle, Kenneth	S-0638	99	744	284432	811515	134	109	3	Plugged 06-14-95
Lavelle, Kenneth	S-1186	10	552	284437	811514	—	—	2	Repaired 06-13-95

Appendix A—Inventory of Abandoned Artesian Wells

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Lee, Linda	S-1178	5	580	284115	811254	280	—	2	Plugged 09-21-95
Leffler, Vincent	S-0279	—	—	284226	811646	—	—	2	Valved 08-14-89
Leffler, Vincent	S-0280	—	—	284226	811644	—	—	2	Valved 08-15-89
Leffler, Vincent	S-0281	—	—	284226	811643	—	—	2	Valved 08-15-89
Leffler, Vincent	S-0615	—	—	284226	811714	—	—	3	Valved 08-15-89
Leffler, Vincent	S-0616	—	—	284232	811725	—	—	2	Valved 08-14-89
Leffler, Vincent	S-0618	—	—	284232	811647	—	—	2	Valved 08-14-89
Leffler, Vincent	S-0620	—	—	284228	811646	—	—	2	Valved 08-15-89
Leffler, Vincent	S-0621	—	—	284228	811644	—	—	2	Valved 08-15-89
Leffler, Vincent	S-0622	—	—	284227	811645	—	—	2	Valved 08-15-89
Leffler, Vincent	S-0623	—	—	284226	811651	—	—	2	Valved 08-14-89
Leffler, Vincent	S-0624	—	—	284226	811652	—	—	2	Valved 08-14-89
Leffler, Vincent	S-0625	50	9	284226	811655	—	—	2	Plugged 08-15-89
Leffler, Vincent	S-0626	—	—	284225	811704	—	—	2	Valved 08-14-89
Leffler, Vincent	S-0627	—	—	284225	811713	—	—	2	Valved 08-14-89
Leffler, Vincent	S-0628	—	—	284225	811714	—	—	3	Valved 08-14-89
Leffler, Vincent	S-0629	—	—	284215	811705	—	—	2	Valved 08-14-89
Leffler, Vincent	S-0729	75	—	284226	811654	—	—	2	Valved 08-15-89
Leffler, Vincent	S-0785	50	10	284226	811653	—	—	2	Plugged 08-15-89
Limpert, Frank	S-0557	—	384	284430	811534	—	—	3	Plugged 06-13-95
Meriwether	S-0567	—	—	284801	811330	—	—	1.5	Valved 08-08-89
Meriwether	S-0568	—	549	284758	811330	—	—	2	Valved 08-08-89
Meriwether	S-0569	—	—	284800	811330	—	—	—	Valved 08-08-89
Meriwether	S-0570	—	—	284759	811330	—	—	2.5	Valved 08-08-89
Meriwether	S-0571	—	—	284753	811330	—	—	—	Valved 08-07-89
Meriwether	S-0572	—	—	284746	811330	—	—	—	Valved 08-08-89
Meriwether	S-0573	—	521	284752	811326	—	—	2	Valved 08-08-89
Meriwether	S-0575	—	—	284755	811326	—	—	3	Valved 08-08-89
Meriwether	S-0576	—	532	284758	811326	—	—	3	Valved 08-08-89
Meriwether	S-0577	—	969	284758	811336	—	—	2.5	Valved 08-09-89
Meriwether Farms, Inc.	S-0277	—	802	284756	811326	—	—	2	Valved 08-07-89
Meriwether Farms, Inc.	S-0278	—	762	284749	811330	—	—	2	Valved 08-08-89
Meriwether, Wilameana	S-0661	25	—	284809	811210	—	—	2	Plugged 08-26-92
Meriwether, Wilameana	S-0663	100	515	284811	811314	—	—	4	Valved 08-26-92
Meriwether, Wilameana	S-0664	75	—	284814	811309	—	—	4	Valved 08-26-92
Meriwether, Wilameana	S-0665	25	494	284812	811311	—	—	3	Valved 08-26-92
Meriwether, Wilameana	S-0666	25	504	284809	811213	—	—	1.5	Valved 08-26-92
Meriwether, Wilameana	S-0978	25	521	284820	811314	—	—	3	Valved 08-26-92
Meriwether, Wilameana	S-0979	25	—	284808	811323	—	—	2	Valved 08-26-92
Meriwether, Wilameana	S-1009	5	517	284809	811311	—	—	2	Plugged 06-08-93
Mid-West Coast Trans.	S-0848	100	735	284808	811738	110	—	4	Plugged 06-19-95
Mintor, Tom	S-1018	10	761	284202	811139	85	45	4	Plugged 08-30-94
Miranda Homes	S-0601	45	—	284915	811918	—	—	2	Plugged 03-20-89
Miranda Homes	S-0730	40	—	284916	811916	—	—	2	Valved 03-20-89
Mrowczynski, Leo J.	S-1067	396	—	284159	811017	—	—	3	Plugged 08-01-95
Mrowczynski, Leo J.	S-1068	152	—	284159	811017	72	48	4	Plugged 08-01-95
Myers, Diane	S-0993	45	394	284850	811758	130	—	3	Plugged 06-26-95
Myers, Diane	S-1205	25	72	284840	811759	108	—	3	Plugged 06-26-95
Myers, Donald	S-1045	—	—	284509	811323	—	—	2	Plugged 08-17-94
Myers, Donald	S-1073	35	1,370	284508	811328	—	—	2	Plugged 08-17-94

## Abandoned Artesian Wells: 1995

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
New Tribes Mission	S-1207	—	—	284757	811444	105	—	2	Plugged 07-12-95
New Tribes Mission	S-0508	—	—	284751	811456	—	—	4	Plugged 03-13-89
New Tribes Mission	S-0509	—	377	284756	811453	—	—	1	Plugged 03-13-89
New Tribes Mission	S-0510	—	374	284757	811452	—	—	2	Plugged 03-13-89
New Tribes Mission	S-0511	50	383	284801	811452	—	—	2.5	Plugged 03-09-89
New Tribes Mission	S-0512	—	—	284800	811452	—	—	3	Plugged 03-09-89
New Tribes Mission	S-0517	—	—	284753	811446	—	—	3	Plugged 03-13-89
New Tribes Mission	S-0726	—	377	284759	811454	—	—	2	Plugged 03-13-89
New Tribes Mission	S-0727	—	—	284752	811448	—	—	2	Plugged 03-13-89
New Tribes Mission	S-0792	—	—	284753	811458	350	—	3	Plugged 05-08-91
New Tribes Mission	S-1194	5	301	284755	811458	191	—	3	Plugged 06-28-95
New Tribes Mission	S-1195	5	415	284753	811448	108	—	3	Plugged 07-11-95
New Tribes Mission	S-1196	100	—	284757	811444	148	96	3	Plugged 07-12-95
New Tribes Mission	S-1199	5	417	284752	811446	—	—	3	Plugged 07-10-95
New Tribes Mission	S-1206	—	—	284754	811444	—	—	1.5	Plugged 07-11-95
Nguyen, Hai & Lan	S-0851	—	—	284206	811019	—	—	4	Plugged 08-08-94
Nguyen, Hai & Lan	S-1128	400	972	284201	811026	85	—	3	Plugged 08-09-95
Oviedo, City of	S-0541	250	22	283917	811326	100	42	4	Plugged 09-29-92
Partin, Sherry	S-0814	904	—	284620	811226	—	—	4	Repaired 09-27-95
Puik, Leslie	S-0981	15	282	284947	812100	180	—	2	Plugged 02-23-93
Rosier, Jack A.	S-0889	20	520	284759	811353	177	90	2	Plugged 08-18-94
SanFla Investors Ltd.	S-0542	50	396	284855	811814	—	—	3	Plugged 03-07-89
Schumacher, Henry	S-0797	75	976	284422	811455	140	—	2	Plugged 05-01-91
Schumacher, Henry	S-0798	50	1,060	284417	811505	110	—	3	Plugged 05-01-91
Schumacher, Henry	S-0799	100	1,030	284419	811507	110	—	3	Plugged 05-01-91
Schumacher, Henry	S-0800	75	1,100	284421	811507	150	—	2	Plugged 05-01-91
Schumacher, Henry	S-0801	100	880	284411	811517	120	—	3	Plugged 05-01-91
Schumacher, Henry	S-0802	75	1,020	284412	811511	150	—	2	Plugged 05-01-91
Schumacher, Henry	S-0803	125	968	284417	811511	150	—	4	Plugged 05-01-91
Schumacher, Henry	S-0804	50	880	284424	811507	150	—	2.5	Plugged 05-01-91
Schumacher, Henry	S-0805	100	—	284415	811517	130	—	3	Plugged 05-01-91
Schumacher, Henry	S-0806	50	904	284421	811517	—	—	2	Plugged 05-01-91
Schumacher, Henry	S-0807	50	976	284424	811518	130	—	2	Plugged 05-01-91
Schumacher, Henry	S-0808	—	1,020	284426	811508	—	—	3	Plugged 05-01-91
Schumacher, Henry	S-0796	150	1,090	284420	811456	130	—	3	Plugged 05-07-91
Seminole County	S-0525	25	—	284958	811917	90	—	2.5	Plugged 07-19-95
Seminole County	S-0550	13	76	284954	812134	—	—	2.5	Plugged 08-03-94
Seminole County	S-0554	—	—	284856	811823	120	—	2	Plugged 05-07-91
Seminole County	S-0631	10	—	284838	811953	—	—	2	Plugged 05-07-91
Seminole County	S-0632	—	—	284836	811952	—	—	2	Plugged 05-07-91
Seminole County	S-0786	—	—	284107	810950	—	—	2	Plugged 08-30-94
Seminole County	S-0789	25	24	284917	811937	130	—	2	Plugged 05-07-91
Seminole County	S-1019	—	—	284505	811724	119	—	6	Plugged 09-15-93
Seminole County	S-1020	—	—	284504	811725	89	—	6	Plugged 09-20-93
Seminole County	S-1021	—	—	284501	811725	134	—	6	Plugged 09-15-93
Seminole County	S-1022	—	—	284756	811927	154	—	4	Plugged 09-15-93
Seminole County	S-1057	—	—	283821	811943	364	160	8	Plugged 09-06-94
Seminole County	S-1060	40	13	284822	811907	171	83	4	Plugged 08-02-94
Seminole County	S-1061	—	—	284606	811322	—	—	6	Plugged 08-10-94
Seminole County	S-1113	50	—	284102	811011	60	—	2	Plugged 08-10-95

Appendix A—Inventory of Abandoned Artesian Wells

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Seminole County	S-1140	—	397	284754	811751	—	—	2	Plugged 06-20-95
Seminole County DOT	S-0274	25	—	284450	811552	—	—	3	Plugged 03-21-89
Seminole County DOT	S-0524	—	—	284748	811322	—	—	—	Plugged 03-15-89
Seminole County DOT	S-0535	50	618	284448	811552	—	—	3	Plugged 03-21-89
Seminole County DOT	S-0547	100	50	283918	811253	—	—	4.5	Plugged 03-08-89
Seminole County DOT	S-0599	20	97	284839	811825	—	—	3	Plugged 03-07-89
Seminole County DOT	S-0725	200	39	283918	811323	—	—	4	Plugged 03-08-89
Seminole County DOT	S-0534	5	—	284911	811923	—	—	—	Plugged 03-07-89
Seminole County DOT	S-0540	125	38	283918	811321	—	—	4	Plugged 03-08-89
Seminole County School	S-1187	—	—	284156	811541	92	70	4	Plugged 06-07-95
Snead, Bill	S-1048	—	—	283806	811434	—	—	6	Plugged 09-26-95
Snyder	S-0060	—	—	284333	811633	—	—	2	Valved 05-01-91
Soitsman, Ken	S-0039	—	—	284207	811116	205	76	4	Plugged 08-31-94
State right-of-way	S-0113	—	6	284305	811920	—	—	3	Plugged 09-01-94
Stenstrom, Herbert	S-0674	1	—	284725	811306	98	—	3	Plugged 06-27-95
Stenstrom, Herbert	S-1104	—	665	284732	811308	—	—	2	Repaired 06-27-95
Stenstrom, Herbert	S-1105	—	—	284730	811304	—	—	3	Repaired 07-10-95
Stenstrom, Herbert	S-1106	25	182	284722	811302	200	105	4	Plugged 06-27-95
Stenstrom, Herbert	S-1108	5	484	284718	811307	105	—	3	Plugged 06-27-95
Stenstrom, Herbert	S-1109	—	—	284715	811303	156	90	3	Repaired 07-10-95
Stenstrom, Herbert	S-1208	—	—	284727	811301	98	—	3	Plugged 06-28-95
Stenstrom, Herbert	S-1209	—	—	284730	811306	105	—	3	Plugged 06-28-95
Stenstrom, Herbert, Trustee	S-0578	—	—	284749	811332	—	—	—	Valved 08-09-89
Stenstrom, Herbert, Trustee	S-0579	—	—	284748	811334	—	—	3.5	Valved 08-09-89
Stenstrom, Herbert, Trustee	S-0580	—	—	284747	811335	—	—	3	Valved 08-09-89
Stenstrom, Herbert, Trustee	S-0581	—	936	284745	811336	—	—	3	Valved 08-09-89
Stenstrom, Herbert, Trustee	S-1173	—	—	284714	811306	—	—	3	Plugged 07-10-95
Steven, Rickey	S-0983	50	1,470	284232	811102	58	—	2	Plugged 03-02-93
Sunniland Company	S-1155	70	—	284756	811441	92	85	3	Plugged 07-12-95
Sunniland Company	S-1159	70	—	284754	811422	154	87	3	Plugged 07-13-95
Sunniland Company	S-1160	70	—	284756	811423	80	—	3	Plugged 07-17-95
Takvorian, Theodore S.	S-0515	—	829	284653	811224	—	—	2	Plugged 08-17-94
Taylor, Elizabeth	S-1221	398	—	284159	811020	120	—	4	Plugged 08-17-95
Tetensaum, Arlene	S-0823	—	944	284601	811241	—	—	3	Plugged 08-09-94
Tetensaum, Arlene	S-0824	—	—	284601	811239	275	150	10	Plugged 08-08-94
Thi Dang, Le Kia	S-1202	50	487	284154	811047	128	—	2	Plugged 09-20-95
Tuttle, William M., II	S-1179	—	—	284152	811424	—	—	2	Repaired 08-07-95
Two Noles, Inc.	S-1214	—	519	284840	811549	—	—	2	Plugged 09-28-95
Undetermined	S-0636	10	—	284934	811923	—	—	1	Plugged 03-20-89
Undetermined	S-0928	50	—	284810	811304	105	—	2.5	Plugged 07-19-95
Undetermined	S-0941	—	11	284842	811854	—	—	2	Repaired 06-20-95
Undetermined	S-0954	25	241	284956	811959	100	—	3	Plugged 06-21-95
Undetermined	S-1006	30	714	284653	811226	105	—	2	Plugged 07-18-95
University of Florida IFAS	S-0500	—	—	284807	811400	—	—	2	Plugged 03-23-89
University of Florida IFAS	S-0501	—	—	284809	811400	—	—	0.75	Plugged 03-23-89
University of Florida IFAS	S-0502	—	—	284809	811400	—	—	3	Plugged 03-23-89
University of Florida IFAS	S-0506	—	426	284754	811405	—	—	2	Plugged 03-16-89
University of Florida IFAS	S-0507	40	445	284804	811405	—	—	2	Plugged 03-16-89
Unsworth, W.O.	S-1172	—	—	284747	811417	47	—	2	Plugged 07-17-95
Vihlen, Sid, Jr.	S-0531	10	27	284922	811902	197	—	4.5	Plugged 08-02-94

## Abandoned Artesian Wells: 1995

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Walls, Pat Jo	S-0056	—	580	284853	811737	—	—	3	Plugged 03-01-88
Walls, Pat Jo	S-0204	—	—	284854	811739	—	—	3	Plugged 03-01-88
Walls, Pat Jo	S-0205	—	—	284847	811736	—	—	3	Plugged 03-01-88
Watson	S-0262	—	—	284734	811256	—	—	2	Valved 03-16-89
Watson	S-0263	—	—	284744	811250	—	—	2	Valved 03-16-89
Watson	S-0264	—	—	284745	811254	—	—	2	Valved 03-16-89
Watson	S-0265	—	—	284745	811250	—	—	2	Valved 03-16-89
Watson, Joe	S-0640	—	—	284735	811342	—	—	3	Valved 03-19-89
Watson, Joe	S-0641	—	—	284734	811342	—	—	2	Valved 03-14-89
Watson, Joe	S-0642	—	—	284731	811315	—	—	4	Valved 03-14-89
Watson, Joe	S-0643	—	—	284735	811321	—	—	3	Valved 03-14-89
Watson, Joe	S-0644	—	—	284733	811319	—	—	4	Valved 03-14-89
Watson, Joe	S-0645	—	—	284724	811300	—	—	4	Valved 03-15-89
Watson, Joe	S-0646	—	—	284734	811257	—	—	3	Valved 03-16-89
Watson, Joe	S-0647	—	—	284734	811255	—	—	2	Valved 03-16-89
Watson, Joe	S-0648	—	—	282744	811252	—	—	3	Valved 03-15-89
Watson, Joe	S-0649	—	—	284744	811252	—	—	2	Valved 03-16-89
Watson, Joe	S-0650	—	—	284748	811254	—	—	4	Valved 03-15-89
Watson, Joe	S-0651	—	600	284750	811256	—	—	2	Valved 03-15-89
Wharton, Smith	S-0731	20	—	284920	811926	—	—	2	Valved 03-24-89
Wharton, Smith	S-0732	100	—	284920	811925	130	—	3	Valved 03-20-89
Wharton, Smith	S-0733	10	—	284920	811924	—	—	2	Valved 03-20-89
Wheeler, Ben	S-0980	50	889	284542	811330	335	105	6	Valved 11-09-92
White, John	S-0996	10	729	284841	811728	110	—	2	Plugged 06-21-95
White, John	S-0997	20	638	284844	811727	—	—	2	Plugged 06-21-95
Wolfe, Richard	S-1127	75	—	284339	811846	148	—	4	Plugged 07-31-95
<b>Total</b>	<b>242</b>	<b>7,979</b>							
<b>Volusia County</b>									
DeLeon Springs Recreation	V-0562	—	12	290840	812213	—	—	2	Repaired 01-31-94
Ferrell, John	V-0201	—	228	290148	805728	—	—	6	Valved 09-23-88
Florida Power & Light	V-0580	20	444	285055	811920	130	—	2	Plugged 01-14-93
Florida Power & Light	V-0582	20	451	285059	811922	140	—	2	Plugged 01-13-93
Florida Power & Light	V-0583	20	464	285101	811922	138	—	2	Plugged 01-13-93
Florida Power & Light	V-0586	—	—	285037	811922	120	—	2	Plugged 01-13-93
Florida Power & Light	V-0690	30	1,020	285135	812059	140	—	2	Plugged 01-19-93
Florida Power & Light	V-0691	30	1,200	285135	812059	145	—	3	Plugged 01-19-93
Florida Power & Light	V-0692	—	—	285126	812019	240	—	4	Plugged 01-19-93
Florida Power & Light	V-0693	—	—	285113	811922	140	—	2	Plugged 01-13-93
Florida Power & Light	V-0695	20	462	285048	811921	135	—	2	Plugged 01-13-93
Florida Power & Light	V-0696	20	494	285043	811922	130	—	2	Plugged 01-14-93
Florida Power & Light	V-0697	20	552	285044	811921	132	—	2	Plugged 01-14-93
Florida Power & Light	V-0698	30	470	285042	811922	145	—	2	Plugged 01-13-93
Freeman, James	V-0560	30	1,200	285344	805120	130	—	4	Plugged 12-18-91
Freeman, James	V-0561	25	768	285346	805119	140	—	4	Plugged 12-18-91
Gray, Charles	V-0375	200	3,680	285146	811843	340	60	8	Reconstructed 09-17-91
L. Woodruff Wildlife	V-0054	25	83	290324	812222	—	—	3	Plugged 02-14-85
Lawrence Farms, Inc.	V-0053	30	1,700	290746	812109	—	—	8	Plugged 02-13-85
Lawrence Farms, Inc.	V-0058	75	3,780	290752	812109	—	—	8	Plugged 1985
Lawrence Farms, Inc.	V-0052	30	1,040	290748	812109	—	—	8	Plugged 02-13-85
Murry, Sams	V-0055	500	520	290805	812153	165	—	12	Plugged 09-10-91



## Appendix A—Inventory of Abandoned Artesian Wells

Table A2—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Murry, Sams	V-0057	300	510	290805	812156	85	30	12	Plugged 09-05-91
New Smyrna Beach, City of	V-0180	—	9,280	290103	805519	998	130	12	Reconstructed 09-25-87
Rich, A.	V-0159	50	—	285645	805235	125	—	6	Plugged 09-19-85
SJRWMD	V-0615	25	5,500	284028	805835	87	—	4	Plugged 02-24-93
Traders Cove Corp.	V-0554	30	1,690	285245	812143	120	—	2	Plugged 08-30-90
Union Bag	V-0154	25	3,460	291543	813206	116	90	2	Plugged 1985
Williams, Ozell	V-0500	—	—	291442	810253	139	—	2	Plugged 05-26-92
<b>Total</b>	<b>29</b>	<b>1,555</b>							
<b>St. Johns River Water Management District Total</b>	<b>1,076</b>	<b>117,450</b>							

Note:

- = unknown
- AFB = Air Force base
- AFS = Air Force station
- ASCS = Agricultural Stabilization and Conservation Service
- Cor. Inst. = [Montgomery] Correctional Institute
- DNR = Department of Natural Resources (now, Department of Environmental Protection)
- DOT = Department of Transportation
- FEC = Florida East Coast
- FGFWFC = Florida Game and Fresh Water Fish Commission
- GDC = General Development Corporation
- IFAS = Institute of Food and Agricultural Science
- IR = Indian River
- MC = mosquito control
- MHP = mobile home park
- NASA = National Aeronautics and Space Administration
- SJRWMD = St. Johns River Water Management District
- USDA = United States Department of Agriculture
- USGS = United States Geological Survey



Appendix A—Inventory of Abandoned Artesian Wells

Table A3. Summary of abandoned artesian wells in the St. Johns River Water Management District plugged or repaired by the owner as of September 30, 1995\*

County	Number of Wells in Inventory	Number of Wells of Measured Flow	Measured Flow (mgd)	Number of Wells of Unknown Flow	Estimated Flow (mgd)	Total Estimated Flow (mgd)	Per-Well Average of Measured Flow (mgd)
A	B	C	D	E	F	G	H
Alachua	0	0	0.00	0	0.00	0.00	0.00
Baker	0	0	0.00	0	0.00	0.00	0.00
Bradford	0	0	0.00	0	0.00	0.00	0.00
Brevard	248	35	8.26	213	55.38	63.64	0.26
Clay	28	2	0.02	26	4.16	4.18	0.16
Duval	30	2	0.03	28	9.80	9.83	0.35
Flagler	3	0	0.00	3	0.09	0.09	0.03
Indian River	72	4	3.87	68	31.28	35.15	0.46
Lake	24	1	0.01	23	1.38	1.39	0.06
Marion	29	7	3.03	22	4.84	7.87	0.22
Nassau	8	1	0.07	7	0.56	0.63	0.08
Okeechobee	0	0	0.00	0	0.00	0.00	0.00
Orange	10	1	0.02	9	0.63	0.65	0.07
Osceola	0	0	0.00	0	0.00	0.00	0.00
Polk	0	0	0.00	0	0.00	0.00	0.00
Putnam	73	8	0.37	65	2.60	2.97	0.04
St. Johns	46	12	0.93	34	9.86	10.79	0.29
Seminole	202	15	0.64	187	16.83	17.47	0.09
Volusia	17	5	0.16	12	0.96	1.12	0.08
<b>Total</b>	<b>790</b>	<b>93</b>	<b>17.41</b>	<b>697</b>	<b>138.37</b>	<b>155.78</b>	

St. Johns River Water Management District per-well average of known flow from composite inventory equals 0.24 mgd

Column F is column H or district per-well average times column E.

Column G is column D plus column F.

Column H reflects per-well average from the composite inventory (see Table 3, page 12).

Note: mgd = million gallons per day

\*This table does not include wells plugged or repaired jointly by the owner and SJRWMD through cost-share agreements.

**Abandoned Artesian Wells: 1995**

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## Appendix A—Inventory of Abandoned Artesian Wells

Table A4. Inventory of abandoned artesian wells in the St. Johns River Water Management District plugged or repaired by owner as of September 30, 1995 (see page 36 for key to column headings)

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Well Depth	Cased Depth	Well Diam	Comments
<b>Brevard County</b>									
Anastasio	BR1017	—	—	275951	803618	—	—	2	Capped, date unknown
Arnett, Marilyn	BR0933	12	—	284142	804133	—	—	2	Plugged 07-31-89
Arnovitz, Tony	BR0974	—	—	282259	804142	—	—	2	Valved 08-11-92
Arter, Royce	BR0420	—	—	274959	805039	—	—	6	Valved 12-16-93
Atlantic Ridge Corp.	BR1186	—	—	275528	803235	505	104	6	Capped 06-22-93
Beachwood	BR1109	—	—	280148	803231	—	—	2	Capped 1981
Belgion, Ken	BR1470	—	—	280751	803939	—	—	3	Repaired 08-16-95
Bell, William	BR1072	50	650	280835	803854	—	—	4	Plugged 03-03-77
Bliss, Thomas	BR1092	—	—	281525	803946	—	—	4	Repaired 12-01-90
Boa, John	BR0659	—	489	280800	804159	—	—	4	Repaired 08-21-92
Boozer, Sam	BR1483	—	—	275929	803117	—	—	6	Plugged 07-27-95
Brandon, Harry	BR1436	—	—	280426	803602	—	—	2	Repaired 08-24-95
Brevard County	BR0387	—	918	282047	804107	400	—	4	Valved 10-24-90
Brevard County	BR0502	—	—	281405	803907	261	—	4	Plugged 06-01-85
Brevard County	BR0640	—	858	281831	804448	—	—	6	Valved 07-01-92
Brevard County	BR1010	—	—	275135	802953	250	—	2	Valved 08-13-92
Brevard County	BR1067	—	—	280443	804014	—	—	2	Plugged 06-01-84
Brevard County	BR1105	—	—	275655	803537	—	—	4	Capped, date unknown
Brevard County	BR1177	—	—	280756	803746	—	—	2	Valved 03-25-77
Brevard County	BR1430	—	—	282834	804220	—	—	3	Plugged 08-94
Brevard County District 3	BR0101	—	—	275710	803543	316	—	4	Valved 09-01-88
Brevard County MC	BR0079	190	2,140	275206	802725	466	—	4	Plugged 1990
Brevard County MC	BR0084	—	—	275303	802815	—	—	4	Valved 08-05-92
Brevard County MC	BR0089	—	—	275523	803208	—	—	4	Valved 09-18-90
Brevard County MC	BR0094	—	581	275735	803048	—	—	4	Valved 02-08-94
Brevard County MC	BR0095	—	—	275858	803118	320	105	4	Valved 07-16-92
Brevard County MC	BR0210	—	1,377	282447	804105	—	—	4	Plugged 08-01-89
Brevard County MC	BR0219	—	—	282643	804315	—	—	4	Repaired 06-13-94
Brevard County MC	BR0233	—	—	281732	804155	—	—	4	Valved 10-24-90
Brevard County MC	BR0240	—	—	282754	804310	—	—	4	Plugged 08-01-89
Brevard County MC	BR0388	80	1,456	282017	804106	—	—	4	Plugged 06-29-92
Brevard County MC	BR0430	—	1,490	282152	804117	152	82	3	Repaired 12-90
Brevard County MC	BR0526	—	—	282811	804312	84	83	3	Plugged 1987
Brevard County MC	BR0941	—	1,070	281659	804007	261	104	4	Plugged 07-31-89
Brevard County MC	BR1119	—	—	275325	802807	—	—	4	Plugged 1990
Brevard County MC	BR1120	—	—	275849	803138	—	—	4	Plugged 07-15-92
Brevard County MC	BR1180	—	—	282327	804139	—	—	6	Plugged 1981
Brevard County MC	BR1253	—	404	275819	803059	—	—	4	Plugged 1990
Brevard County MC	BR1254	—	—	275428	802809	—	—	4	Plugged 1981
Brevard County Schools	BR1137	—	—	281831	804450	—	—	4	Repaired, date unknown
BSA Orlando Council	BR1106	—	—	275715	803521	—	—	2	Capped, date unknown
Bury, John	BR1402	—	668	281620	803630	—	—	4	Valved 09-28-95
Campbell & Associates	BR0938	20	—	282633	804245	—	—	4	Plugged 08-01-89
Card, Anita W.	BR0978	—	—	282044	803624	—	—	2	Repaired 12-08-93
Card, Anita W.	BR0981	—	—	282044	803633	—	—	2	Repaired 02-08-94
Chamber, Jack E.	BR1090	—	—	281022	803854	—	—	2	Repaired 12-01-90
Chefs International	BR1466	—	—	281656	803633	—	—	2.5	Repaired 08-09-95
Chesser, Regina	BR0246	—	—	274933	803518	—	—	2	Repaired 01-05-93

## Abandoned Artesian Wells: 1995

Table A4—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Well Depth	Cased Depth	Well Diam	Comments
Clark, Katherine	BR0100	—	765	275719	803513	—	—	2	Repaired 07-25-95
CMC Management	BR1138	—	—	275130	804024	—	—	4	Repaired 08-10-94
CMC Management	BR1289	120	149	275328	805046	529	—	10	Repaired 08-10-95
Cobbs, Ray	BR0385	—	1,970	282203	804228	420	80	6	Valved 06-29-92
Cocoa Beach, City of	BR0621	—	—	282109	803624	—	—	2	Capped 12-17-87
Constellation	BR1103	—	—	281627	803624	—	—	3	Plugged 04-01-85
Cooper, Williams	BR1174	—	—	280319	803558	—	—	2	Repaired, date unknown
Coyle	BR0436	—	—	280420	803340	—	—	2	Valved 09-17-90
Crawford Grove Services	BR0940	12	—	282845	804309	—	—	2	Plugged 08-01-89
Creative Horizons	BR0559	—	—	275022	803020	—	—	4	Capped 03-04-90
Creative Horizons	BR0560	—	—	275031	803024	—	—	4	Capped 07-28-88
Crisafulli, Charles	BR0243	—	—	282623	804257	—	—	4	Capped 1984
Day, Grace	BR0948	—	—	282054	804157	—	—	2	Capped 07-20-92
Deer Run	BR0248	—	—	275253	803832	399	—	6	Repaired 09-01-88
Deseret Ranch	BR0231	—	—	280536	804643	—	—	4	Valved 07-08-92
Deseret Ranch	BR1134	—	—	275714	805209	285	—	3	Plugged 01-07-92
Drawdy	BR0371	—	—	280218	804107	—	—	4	Valved 04-07-88
Eau Gallie, City of	BR0688	—	—	280712	803752	511	110	6	Valved, date unknown
Eley, Edmund L.	BR0250	—	—	275357	803637	409	—	2	Repaired 03-08-90
Elison, Perry	BR0333	—	—	282232	804246	—	—	2	Repaired 10-23-90
Engle, Clarence	BR1026	—	—	275658	803219	—	—	4	Repaired 11-01-77
Evans, Edward D.	BR0569	—	970	281655	804023	—	—	3	Valved 06-29-92
Fairways Four Apt. Com	BR1238	5	1,000	280845	803907	—	—	4	Plugged 07-07-92
Fanczi, Steve	BR0414	—	—	281730	804039	—	—	3	Valved 04-07-88
FGFWFC	BR0986	—	—	283018	804116	—	—	2	Repaired, date unknown
Field, Alan	BR0792	85	1,740	282340	804259	—	—	3	Repaired 04-28-92
Florida Power & Light	BR1438	—	—	280742	804217	—	—	4	Capped 07-01-94
Fran's Castaway Cove	BR1116	—	—	280227	803453	—	—	6	Plugged 11-01-84
Fran's Castaway Cove	BR1117	—	—	280227	803453	—	—	4	Plugged 11-01-84
GDC	BR0260	—	—	275502	804024	389	—	2	Repaired 03-02-84
GDC	BR0267	—	748	275746	804116	299	—	3	Plugged, date unknown
GDC	BR0268	—	691	275725	804104	—	—	4	Plugged 03-02-84
GDC	BR0276	—	698	275956	803820	—	—	6	Valved 03-01-84
GDC	BR0277	—	—	275955	803940	—	—	4	Capped 03-01-88
GDC	BR0301	—	—	275616	804102	—	—	6	Capped 08-23-89
GDC	BR0369	—	—	280132	803458	—	—	2	Repaired 1986
GDC	BR0431	—	—	280030	803930	—	—	3	Repaired 03-01-84
GDC	BR0495	—	722	275642	804120	—	—	6	Valved 08-23-89
GDC	BR0647	—	580	275624	804219	—	—	6	Plugged 04-22-86
GDC	BR0649	—	653	275715	804204	—	—	6	Plugged 1990
GDC	BR0650	—	648	275648	804150	—	—	6	Plugged 1990
GDC	BR0651	—	622	275603	804157	—	—	6	Plugged 1990
GDC	BR0653	—	538	275615	804232	—	—	6	Plugged 1990
GDC	BR0654	—	1,050	275636	804234	—	—	6	Plugged 1990
GDC	BR0906	—	657	275659	804121	—	—	6	Valved 07-10-92
Geiger, William	BR0120	22	—	282330	803622	—	—	2	Plugged 07-31-89
Gillispee, Bill	BR0932	1	—	282022	804159	—	—	2	Plugged 07-31-89
Godbold, Gene	BR0937	—	17	282446	804201	—	—	—	Repaired 08-10-76
Godbold, Gene	BR1260	—	27	282445	804201	—	—	—	Repaired 08-10-76
Gough	BR0434	—	—	280354	803347	505	150	4	Repaired 10-31-90

Appendix A—Inventory of Abandoned Artesian Wells

Table A4—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Well Depth	Cased Depth	Well Diam	Comments
Green, Burton	BR0876	—	—	275357	802816	—	—	2	Repaired 08-05-92
Green, Toreen	BR0939	710	—	282330	803619	—	—	3	Plugged 07-31-89
Greer, Hylto H.	BR1241	55	1,400	280220	804123	—	—	4	Valved 12-15-93
Guertin, Francis A.	BR1248	—	—	281152	803601	—	—	2	Valved 08-07-92
Happed, Ren	BR0234	15	1,015	282040	803951	—	—	2	Repaired 12-01-90
Hardy, Bill	BR0949	—	—	282212	804148	—	—	2.5	Capped 05-12-93
Harris, Joseph	BR1342	—	1,150	280835	803553	—	—	2	Valved 12-14-93
Harvey, Roy	BR0415	100	1,002	281741	804158	—	—	3	Repaired 06-01-92
Haworth, Herbert	BR0975	—	—	282331	804015	—	—	2	Valved 08-11-92
Heard, Wade	BR1038	—	—	281212	803817	—	—	2.5	Repaired 12-15-93
Heard, Wade	BR1039	—	—	281211	803813	—	—	4	Repaired 12-15-93
Himmeroeder, E.	BR0542	—	—	280019	803151	—	—	2	Valved 01-27-87
Holly Brook Condos	BR1239	—	—	281200	803543	—	—	4	Plugged 08-06-92
Holmes, Allen	BR1263	—	—	282343	804228	—	—	2	Valved 05-06-93
Indian Bay	BR0573	—	—	282637	804311	—	—	4	Plugged 10-24-90
Jamestown Condos	BR0232	—	501	280843	803504	—	—	4	Valved 05-13-87
Jekyll, Inc.	BR0725	—	64	280752	803733	—	—	2	Repaired 09-06-88
Johns, Roman	BR1441	—	—	282111	804834	—	—	6	Valved 01-06-94
Johnson, Joyce	BR1071	—	—	282654	804121	—	—	16	Plugged 04-27-77
Johnson, Ruth	BR1073	90	—	282139	803623	—	—	2	Capped 04-11-84
Kabani, Stei	BR1087	—	—	281910	803630	—	—	2	Plugged 12-08-93
Kempfer	BR0230	25	360	280530	804644	—	—	4	Repaired 07-08-92
Kempfer, Bill	BR0228	—	—	280443	805032	295	—	4	Repaired 09-25-95
Kempfer, Bill	BR0229	—	—	280457	805018	—	—	4	Repaired 09-25-95
Krewson, David C.	BR1242	40	635	281548	804113	—	—	4	Plugged 1979
Krewson, David C.	BR1246	70	557	281554	804110	—	—	5	Plugged 06-30-92
Long Point State Park	BR1405	—	—	275219	802817	—	—	2	Capped 02-08-94
Long Point State Park	BR1104	—	197	275224	802820	—	—	4	Capped 04-08-91
Magnum, James A.	BR1096	5	—	281736	804157	—	—	4	Repaired 01-84
Marcus, Bookie	BR0366	—	—	274921	805033	693	—	5	Capped 09-14-87
Martin, Roland	BR0787	—	240	275540	802944	—	—	—	Repaired 04-29-92
Mathis, Delbert	BR1099	—	—	282038	803710	235	235	2	Plugged 03-01-91
McDonald, Nora	BR0976	—	—	282057	803945	—	—	2	Plugged 01-01-90
McDonald, Nora	BR0977	—	—	281939	803935	—	—	2	Plugged 01-25-94
Melbourne Country Club	BR0682	—	—	280440	803742	—	—	—	Repaired 06-13-94
Melbourne Country Club	BR0683	—	—	280440	803742	—	—	—	Repaired 06-13-94
Melbourne Country Club	BR0684	—	—	280440	803742	—	—	2	Repaired 06-13-94
Melbourne Utilities	BR1089	—	638	280750	803814	600	—	12	Repaired 08-24-88
Melbourne, City of	BR0351	—	—	280758	803814	600	—	12	Valved 04-91
Melbourne, City of	BR0686	—	—	280459	803653	400	90	6	Valved, date unknown
Mercedes	BR1197	300	719	275827	804112	—	—	6	Valved 05-29-92
Meyers, J.F.	BR1176	5	—	280818	803815	—	—	2	Repaired 1985
NASA	BR0604	—	—	283337	803912	—	—	6	Plugged 1987
NASA	BR0606	—	1,620	282918	803911	—	—	6	Valved, date unknown
NASA	BR0607	—	1,760	282935	803909	—	—	6	Valved, date unknown
NASA	BR0611	1,340	1,640	282915	804101	321	100	12	Valved, date unknown
NASA	BR0617	—	—	283219	804052	—	—	6	Valved, date unknown
NASA	BR0620	—	—	283346	804007	—	—	4	Valved, date unknown
Nevins	BR0428	—	—	281810	804450	—	—	4	Valved 07-01-92
Ninos, Tony	BR0957	—	687	282103	804323	—	—	6	Plugged 05-12-93

## Abandoned Artesian Wells: 1995

Table A4—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Well Depth	Cased Depth	Well Diam	Comments
Odzimski, Connie	BR0990	—	—	281020	803849	—	—	2	Repaired 03-01-90
Omen, August C.	BR0988	—	—	282057	803954	—	—	2	Repaired 10-18-89
Paniccia, Ed	BR1352	—	—	280324	803925	—	—	4	Valved 09-12-95
Parker, Ken	BR1110	—	—	275703	803541	—	—	2	Valved 09-01-88
Patrick AFB	BR0670	—	—	281121	803558	297	94	3	Plugged 12-03-93
Patrick AFB	BR0671	—	—	281117	803558	483	94	4	Plugged 12-03-93
Patrick AFB	BR0672	—	—	281119	803609	330	105	3	Plugged 12-03-93
Patrick AFB	BR0673	358	1,080	281116	803602	444	94	4	Plugged 12-03-93
Patrick AFB	BR0674	—	—	281112	803600	501	94	4	Plugged 12-03-93
Patrick AFB	BR0675	—	—	281115	803551	444	95	4	Plugged 12-03-93
Patrick AFB	BR0676	191	620	281117	803549	355	105	3	Plugged 12-03-93
Patrick AFB	BR1034	—	630	280130	804112	—	—	2	Plugged 06-10-92
Pelehat, Guy	BR0936	—	273	275452	802850	—	—	4	Valved 08-05-92
Peterson, Margaret	BR1061	—	—	281659	804025	—	—	2	Valved 10-28-91
Platt, Carlyle	BR0266	—	—	275745	803928	—	—	3	Plugged 1984
Platt, Harold	BR0280	—	—	275952	804512	377	—	4	Valved 12-17-84
Poe, Lure C.	BR1069	300	2,200	281650	804019	—	—	6	Capped 1987
Port Malabar Holiday Park	BR1259	25	649	280036	803828	—	—	4	Valved 08-05-92
Posejpal, G.H.	BR1108	—	—	275955	803716	—	—	4	Repaired 03-01-84
Pritchett, Carey	BR1076	—	—	280333	803547	—	—	2	Valved 08-06-92
Pullon, Evelyn	BR0380	—	1,260	281332	803854	—	—	2	Repaired 06-13-94
Readdy, A.L.	BR0393	22	—	281648	804022	248	126	4	Plugged 07-31-89
Reed, Gayland	BR1020	—	619	280342	804037	—	—	4	Valved 08-06-92
Reed, Gayland	BR1021	—	—	280343	804034	—	—	3	Valved 08-06-92
Robinson, R.M., Trustee	BR1175	8	750	275752	803030	—	—	4	Plugged 07-29-77
Rockledge Golf Course	BR0235	—	—	282013	804449	—	—	4	Repaired 09-01-90
Rockledge Golf Course	BR0236	—	—	282008	804442	—	—	4	Repaired 09-01-90
Rockledge Golf Course	BR0245	—	—	282002	804506	—	—	4	Repaired 09-19-90
Roper, W.C.	BR0413	—	—	280718	803732	—	—	6	Valved 09-01-90
Sagar, Alfreda	BR1264	—	1,410	280921	803545	—	—	2	Valved 11-09-92
Schlermitzaver, Robert	BR1070	—	—	281907	804244	—	—	4	Plugged 1984
SE & SW Pension Fund	BR1173	—	—	275224	803539	—	—	4	Valved 04-27-77
Sheffield, Ron	BR0384	—	—	281538	804105	—	—	4	Repaired 12-07-93
SJRWMD	BR0485	—	—	280827	804014	285	103	4	Valved 10-30-90
Spielvogel, Leonard	BR0392	—	—	281605	804013	—	—	2	Repaired 08-22-95
Stevenson, Lina	BR1055	—	—	281740	804047	—	—	2	Repaired 08-09-95
Sullivan, Frank	BR1432	—	—	282544	804243	—	—	2	Plugged 12-02-94
Sullivan, Frank	BR1433	—	—	282544	804251	—	—	4	Plugged 11-10-94
Sullivan, Frank	BR1434	—	—	282543	804300	—	—	3	Plugged 02-28-95
Sullivan, Frank	BR1435	—	—	282541	804242	—	—	3	Plugged 11-09-94
Tarke, George J., Jr.	BR1068	621	1,844	282617	804922	1,500	—	6	Plugged 04-27-77
Tenderfoot Ranch	BR0403	—	2,510	282224	804701	—	—	4	Repaired, date unknown
Tenderfoot Ranch	BR1249	—	—	282221	804704	—	—	4	Repaired, date unknown
Toledo Trust Co.	BR0401	500	2,285	282150	804858	—	—	6	Valved 08-27-87
Trio Grove	BR0264	—	—	275822	804122	—	—	6	Repaired 07-22-88
Trio Grove	BR0023	—	—	275824	804134	—	—	4	Repaired 07-22-88
Trio Grove	BR0271	—	—	275835	804127	—	—	4	Repaired 07-22-88
Trio Grove	BR0272	—	—	275835	804137	—	—	4	Repaired 07-22-88
Trio Grove	BR0273	—	—	275835	804144	309	—	6	Repaired 07-22-88
Tucker, G.	BR0713	—	993	282013	804707	336	105	4	Valved 08-04-87



Appendix A—Inventory of Abandoned Artesian Wells

Table A4—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Well Depth	Cased Depth	Well Diam	Comments
Tucker, G.	BR0714	—	1,020	282013	804720	124	102	4	Repaired 08-04-87
Tucker, G.	BR0715	—	863	282024	804721	267	108	4	Repaired 08-04-87
Tucker, G.	BR0716	—	1,100	282032	804728	218	106	4	Repaired 08-04-87
Tucker, G.	BR0717	—	1,370	282039	804725	—	—	4	Repaired 08-04-87
Tuttle, Ralph	BR1049	—	—	282304	804128	—	—	2	Valved 11-16-92
Undetermined	BR0244	—	—	281957	803952	—	—	2	Repaired 12-01-90
Undetermined	BR0252	—	—	275321	803924	—	—	2	Repaired 1985
Undetermined	BR0254	—	—	275325	803916	—	—	2	Plugged 03-09-84
Undetermined	BR0255	—	—	275351	804004	333	—	3	Repaired 03-09-84
Undetermined	BR0256	—	—	275351	804004	—	—	2	Plugged 1984
Undetermined	BR0395	—	—	281605	803955	—	—	2	Plugged 12-07-93
Undetermined	BR0397	—	—	281548	804116	—	—	—	Repaired 12-01-90
Undetermined	BR0418	—	—	282359	804234	204	—	3	Plugged 1988
Undetermined	BR0426	—	—	281126	803748	—	—	2	Plugged 04-21-89
Undetermined	BR0568	—	—	275954	804417	—	—	4	Valved 03-01-84
Undetermined	BR0987	—	—	280213	803533	—	—	4	Plugged 08-06-92
Undetermined	BR1000	—	—	280054	803407	—	—	—	Repaired, date unknown
Undetermined	BR1001	—	—	280444	804345	297	217	2	Capped 1987
Undetermined	BR1088	—	—	281909	804242	—	—	6	Plugged 1987
Undetermined	BR1091	—	—	281018	803714	—	—	4	Repaired 1988
Undetermined	BR1094	—	—	281745	803651	—	—	2	Repaired 12-01-90
Undetermined	BR1102	—	—	280447	804001	—	—	2	Plugged 1986
Undetermined	BR1107	—	—	275919	803552	—	—	4	Capped, date unknown
Undetermined	BR1128	—	841	280801	804016	—	—	2	Repaired 07-07-92
Undetermined	BR1140	—	584	280003	804132	—	—	4	Valved 01-06-92
Undetermined	BR1250	—	—	282157	803952	—	—	2	Valved 12-07-93
Undetermined	BR1252	—	581	281142	803932	—	—	2	Valved 08-13-92
Undetermined	BR1267	300	256	275356	802824	—	—	4	Valved 08-05-92
Undetermined	BR1272	—	—	275956	803803	—	—	4	Capped 09-21-92
Undetermined	BR1411	—	—	282159	804020	—	—	2	Valved 06-11-93
Undetermined	BR1420	—	2	275824	803039	—	—	3	Repaired 05-25-94
Van Orsdale, Ray	BR0639	—	560	280949	803832	255	82	4	Capped 04-14-86
Wallace, Jay	BR1093	—	776	281426	803916	—	—	2	Repaired 01-01-86
Watson, Albert	BR0529	—	1,960	282205	804153	600	—	4	Plugged 08-13-92
Watson, Albert	BR1271	—	—	282206	804152	—	—	2	Valved 08-13-92
Weber Ranch	BR0478	—	—	282033	804634	300	91	4	Repaired, date unknown
Weber Ranch	BR0744	—	930	282019	804627	228	104	6	Repaired 1985
Weber Ranch	BR1097	—	—	282040	804621	—	—	3	Valved 02-91
Weber Ranch	BR1098	—	—	282040	804645	—	—	6	Valved 02-91
Wecker, Richard	BR1477	—	—	275953	803337	—	—	3	Repaired 07-26-95
Wegerif, E.L.	BR0710	—	1,190	281816	804053	—	—	6	Repaired 10-23-90
Wegerif, E.L.	BR0712	—	—	281820	804058	—	—	6	Valved 01-28-87
Wickham Park	BR0382	—	—	280934	803946	600	105	4	Valved 07-08-92
Wilkie, Bruce	BR0570	—	—	281902	804239	—	—	6	Valved 07-20-92
Wilson, George	BR1290	5	—	280009	803346	—	—	2	Capped 06-93
Wong, Danny	BR0501	—	496	280527	804151	460	—	2	Valved 09-17-90
Woodson, J.W.	BR1178	5	310	280953	803841	—	—	2.5	Repaired 05-30-77
Wooten, M.F., Jr.	BR1237	—	—	282957	804009	—	—	4	Plugged 07-14-76
Wooten, Warren	BR0396	—	—	281552	804110	—	—	6	Plugged 1984

## Abandoned Artesian Wells: 1995

Table A4—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Well Depth	Cased Depth	Well Diam	Comments
Zonotti, Glen	BR1235	50	297	280750	804216	—	—	4	Valved 07-14-92
<b>Total</b>	<b>248</b>	<b>5,737</b>							
<b>Clay County</b>									
Amoco Corp.	C-0402	—	—	300427	815151	—	—	2	Repaired 12-31-90
Castle, Mark	C-0433	—	—	300123	814232	—	—	—	Valved 04-04-86
Driggers	C-0006	—	—	295144	813717	600	—	6	Valved 12-18-86
Florida Solite Co.	C-0271	5	—	300403	814544	—	—	—	Valved 06-28-88
Gold Head State Park	C-0034	—	—	294913	815727	110	—	4	Plugged 07-06-94
Gold Head State Park	C-0480	—	—	294911	815718	167	88	6	Plugged 07-06-94
Hinson, Stephen	C-0484	—	—	300914	814153	—	—	—	Valved 05-22-92
Horn, John	C-0389	—	—	300517	814147	—	—	—	Valved 07-19-90
Ivey, G.P.	C-0001	—	—	300048	814145	365	300	3	Valved 06-03-88
Jackson, Julian	C-0446	—	—	300308	815311	—	—	2	Plugged 05-01-85
Jennings, Dorothy	C-0010	—	—	300850	815520	330	300	3	Valved 09-01-88
Jennings, Bryan, Jr.	C-0377	—	4	300427	815038	—	—	3	Capped 02-06-89
Jennings, Bryan, Jr.	C-0378	—	5	300427	815038	—	—	2	Valved 02-06-89
Jennings, Gaurdiau	C-0432	—	—	300450	814543	—	—	3	Plugged 08-14-85
Jiffy	C-0012	—	7	300031	814141	—	—	3	Capped 08-01-88
K.H. Estates Corp.	C-0472	10	5	300442	814244	—	—	4	Plugged 11-11-92
K.H. Estates Corp.	C-0474	—	5	300304	814214	—	—	4	Valved 03-06-92
Kniebes, Ronald	C-0011	—	—	300030	814138	—	—	6	Valved 08-22-86
Nesbitt, Thomas	C-0445	—	—	300151	815146	—	—	4	Repaired 1988
Silcox, Billy	C-0431	—	—	300533	814633	—	—	5	Valved 08-21-86
Stoke	C-0008	—	—	300445	814855	—	—	6	Capped 10-17-86
Theobald, George	C-0374	—	—	300553	814603	—	—	4	Valved 06-07-88
Theobald, George	C-0468	—	—	300553	814603	—	—	4	Valved 03-25-86
Theobald, George	C-0118	—	5	300551	814601	—	—	6	Valved 10-26-87
Undetermined	C-0376	—	—	300435	815217	—	—	3	Valved 11-08-88
Undetermined	C-0401	—	—	300554	814528	—	—	—	Repaired, date unknown
Undetermined	C-0429	—	—	295654	813953	—	—	4	Repaired 07-23-91
Undetermined	C-0430	—	—	300601	814631	—	—	—	Valved 08-06-90
<b>Total</b>	<b>28</b>	<b>15</b>							
<b>Duval County</b>									
Bradock	D-1223	—	—	302945	814435	—	—	2	Repaired 08-29-90
Brown, A.T.	D-0107	—	—	302319	813649	—	—	6	Plugged 06-08-92
Devevo	D-4586	—	—	301651	814357	—	—	8	Plugged 08-19-91
Dubow, Lawrence	D-0436	—	—	301135	813413	—	—	3	Valved 06-09-88
Forsythe, Sandy	D-4553	15	37	301924	812422	—	—	3	Valved 10-07-87
Gran Central Corp.	D-0689	—	—	300755	813057	—	—	3	Valved 07-13-88
Jacksonville Intl. Airport	D-1222	—	—	302843	814051	—	—	4	Valved 08-29-90
Jacksonville, City of	D-0105	—	—	301757	813849	1,062	—	—	Valved 08-24-92
Jacksonville, City of	D-2559	—	—	302744	814217	—	—	8	Plugged 04-01-88
McQuaig, E.A.	D-0695	—	—	300737	813004	—	—	3	Valved 12-15-88
Messer	D-1270	—	—	302305	812708	—	—	3	Repaired 09-19-95
Mhoon, G.A.	D-0692	—	—	302109	812840	—	—	3	Plugged 04-14-88
Montgomery Cor. Inst.	D-1230	—	—	303230	814309	—	—	2	Valved 04-19-92
Montgomery Cor. Inst.	D-1239	—	—	303229	814349	—	—	4	Valved 08-19-92
Montgomery Cor. Inst.	D-1240	—	—	303247	814340	—	—	4	Valved 08-19-92
Montgomery Cor. Inst.	D-1241	—	—	303220	814328	—	—	4	Valved 08-19-92
Montgomery Cor. Inst.	D-1242	—	—	303247	814241	—	—	6	Valved 08-19-92

Appendix A—Inventory of Abandoned Artesian Wells

Table A4—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Well Depth	Cased Depth	Well Diam	Comments
Montgomery Cor. Inst.	D-1243	—	—	303311	814251	—	—	4	Valved 08-19-92
Montgomery Cor. Inst.	D-1244	—	—	303241	814307	—	—	4	Valved 08-19-92
Montgomery Cor. Inst.	D-1245	—	—	303250	814347	—	—	2	Valved 08-19-92
Scroggins, George H.	D-0427	—	—	301658	813404	—	—	3	Valved 07-05-88
Setzser, Lener	D-1909	—	—	301203	813844	506	383	—	Repaired 05-18-78
Skinner, Charles	D-1908	5	22	301317	813016	—	—	2	Valved 07-30-92
Undetermined	D-0428	—	—	302318	813647	—	—	6	Plugged 1980
Undetermined	D-1221	—	—	302847	814304	—	—	4	Valved 08-29-90
Undetermined	D-1246	—	—	302320	813020	—	—	—	Repaired 06-08-92
Undetermined	D-4583	—	—	303017	814153	—	—	3	Valved 1991
Undetermined	D-4607	—	—	302058	812358	—	—	6	Valved 12-12-91
Vorhees	D-1008	—	—	301934	814257	—	—	3	Repaired 06-08-92
Wingate, Owen	D-1226	—	23	303103	813824	—	—	4	Valved 08-24-90
<b>Total</b>	<b>30</b>	<b>20</b>							
<b>Flagler County</b>									
Public domain	F-0239	—	—	292525	812530	—	—	2	Plugged 07-18-88
Undetermined	F-0035	—	—	292521	812553	—	—	—	Repaired 07-13-88
Undetermined	F-0288	—	—	292522	812538	—	—	3	Repaired 08-10-92
<b>Total</b>	<b>3</b>								
<b>Indian River County</b>									
ABC Fruit Co.	IR0471	100	—	273403	802558	—	—	6	Valved 12-02-92
Amato, Frank	IR0466	—	—	273546	802529	—	—	6	Valved 1987
Austin, Bonnie	IR0601	—	—	274550	803502	—	—	4	Valved 01-05-85
Bailey, B.F., III	IR0720	—	—	274306	802505	—	—	3	Valved 07-27-92
Baratta	IR0469	—	779	273525	802935	904	296	8	Repaired, date unknown
Bufalo, Jerry	IR0603	—	—	274455	803140	—	—	4	Plugged 07-29-92
Corley, John	IR0833	—	598	273800	802840	—	—	4	Repaired 02-01-95
Cross Triangle, Inc.	IR0602	—	—	274527	803655	—	—	6	Valved 04-04-77
Dermondy, H.M.	IR0600	—	—	273818	802548	—	—	—	Plugged, date unknown
Fisher, Henry	IR0604	—	—	274632	802951	—	—	2	Valved 01-05-87
Florida Atlantic Groves	IR0630	—	800	274852	803733	584	124	5	Repaired 04-01-95
Florida DOT	IR0508	—	—	274506	802558	—	—	—	Valved 09-19-89
Florida DOT	IR0607	—	—	274021	802426	—	—	2	Repaired 05-08-84
Florida DOT	IR0608	—	—	274120	802445	—	—	3	Capped 05-08-84
Florida DOT	IR0609	—	—	273950	802418	—	—	6	Capped 05-08-84
GDC	IR0291	—	—	274719	802725	—	—	3	Plugged, date unknown
GDC	IR0517	—	342	274531	802807	—	—	—	Capped 07-30-90
Graves Bros. Co.	IR0288	—	—	274448	802618	—	—	2	Plugged 07-28-88
Habora, Henry R.	IR0468	300	396	274501	803137	—	—	4	Plugged 03-29-93
Hill	IR0583	—	—	273832	802616	—	—	3	Valved 02-29-91
Hill	IR0584	—	—	273820	802609	—	—	2	Valved 02-29-91
Hill	IR0585	—	256	273820	802612	—	—	4	Valved 02-26-91
Hobart Landing Joint	IR0590	—	15	274413	802524	—	—	4	Repaired 02-23-93
Hobart Landing Joint	IR0591	—	—	274409	802528	—	—	3	Repaired 02-23-93
Hurst, Harry	IR0499	—	—	274507	802600	—	—	2	Valved 07-28-92
IR County Utilities	IR0128	—	—	273650	802423	—	—	4	Valved 09-18-86
IR County Utilities	IR0249	—	—	275048	802635	359	103	4	Repaired, date unknown
IR County Utilities	IR0303	—	—	274406	803118	—	—	4	Plugged 1988
IR County Utilities	IR0305	—	—	273404	802302	—	—	5	Repaired, date unknown
IR County Utilities	IR0798	—	48	274604	803053	—	—	6	Repaired 05-25-94

## Abandoned Artesian Wells: 1995

Table A4—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Well Depth	Cased Depth	Well Diam	Comments
Killam, Mallory	IR0839	185	337	273614	802417	—	—	3	Repaired 07-24-95
Kinsley, Kendall	IR0509	—	250	275028	802858	—	—	2	Valved 07-27-92
Knight, C. Reed	IR0225	—	500	273949	802321	—	—	6	Valved 1989
Kraft, Kurt H.	IR0145	—	—	273720	802256	—	—	6	Plugged 01-13-82
McCue, John	IR0351	—	—	273831	802754	—	—	4	Repaired 07-28-92
Miami Gardens, Inc.	IR0493	—	392	274512	803119	—	—	—	Valved 08-23-90
Miles, Bobo	IR0519	—	339	274054	802630	—	—	—	Valved 03-29-93
Miller, Roland	IR0526	—	—	274626	803614	—	—	4	Valved 11-03-89
Prince, Kenneth	IR0311	—	662	273825	804613	—	—	6	Valved 12-30-86
Prince, Kenneth	IR0316	—	662	273815	804546	—	—	8	Valved 12-30-86
Proctor, E.C.	IR0521	—	—	274305	802541	—	—	3	Valved 07-28-92
Richardson, Cecil	IR0598	—	—	273833	803000	—	—	4	Repaired 1991
Richter, Darla	IR0605	—	—	273846	802611	—	—	—	Plugged, date unknown
Ronderhush, Don	IR0855	—	—	273336	802255	—	—	2	Plugged 07-24-95
Ruiz, Victor	IR0500	—	—	274509	802550	—	—	2	Valved 07-19-88
Russell, Robert	IR0571	—	343	273747	802611	—	—	2	Valved 12-02-92
Ryall Groves	IR0501	—	—	274421	802823	—	—	2	Plugged 01-01-89
Salvation Army	IR0762	—	332	273536	802453	—	—	4	Valved 02-22-93
Stough, M.S.	IR0620	—	264	274524	802619	—	—	—	Repaired 07-29-92
Strazzulla Bros, Inc.	IR0143	—	—	273719	802256	—	—	6	Plugged 05-19-86
Strazzulla Bros, Inc.	IR0198	—	—	273719	802256	—	—	6	Plugged 01-13-82
Takaho Groves Corp.	IR0575	—	—	274124	802911	—	—	4	Valved 10-09-84
Taner, Nathan	IR0502	—	—	273727	802255	—	—	—	Valved 07-19-88
Tanen, Nathan, Trustee	IR0467	—	—	273722	802248	—	—	4	Capped 05-16-89
Taylor, E.W.	IR0515	—	—	274851	802814	—	—	3	Valved 05-02-89
Teachers Place	IR0717	—	697	273705	802307	—	—	2	Valved 05-29-92
Tuerk, Fred	IR0034	2,100	488	273747	803625	1,110	158	10	Valved 07-08-87
Undetermined	IR0250	—	—	275111	802644	—	—	4	Valved, date unknown
Undetermined	IR0513	—	—	273824	802650	—	—	6	Repaired 07-29-92
Undetermined	IR0565	—	—	273818	802845	—	—	6	Valved 08-07-90
Undetermined	IR0566	—	—	273807	802549	—	—	3	Valved 08-05-92
Undetermined	IR0568	—	—	274130	802645	—	—	4	Valved 07-29-92
Undetermined	IR0714	—	—	273703	802630	—	—	3	Repaired 1992
Undetermined	IR0719	—	—	273817	802633	—	—	4	Valved 06-24-80
Undetermined	IR0731	—	—	274603	802400	—	—	4	Repaired 10-15-92
Undetermined	IR0792	—	—	273711	802536	—	—	6	Valved 05-18-93
Undetermined	IR0562	—	—	274028	802311	—	—	4	Plugged 08-13-92
Van Cortland Corp.	IR0599	—	—	274413	802533	—	—	6	Repaired 03-27-84
Vara International	IR0606	—	—	273739	802315	—	—	2	Plugged 06-11-84
Vero Beach Farms	IR0185	—	—	274523	803042	—	—	6	Valved 1983
Village Green	IR0644	—	648	273850	802850	—	—	3	Valved 03-29-92
West, Edna	IR0840	—	—	274019	802444	—	—	3	Repaired 07-20-95
<b>Total</b>	<b>72</b>	<b>2,685</b>							
<b>Lake County</b>									
Andrews, Virginia	L-0333	—	764	290913	813133	—	—	2	Repaired 06-01-91
Belch, Jim	L-0313	—	—	291110	813424	—	—	2	Valved 09-05-90
Belch, Jim	L-0432	—	—	291140	813422	—	—	5	Valved 10-15-85
Collins, A.M., Jr.	L-0080	—	—	291027	813211	—	—	10	Repaired 07-18-80
Hongell, Carl	L-0433	—	—	291109	813432	—	—	5	Valved 10-15-85
J & P Properties	L-0083	10	1,023	290909	813123	—	—	2	Repaired 1991

Appendix A—Inventory of Abandoned Artesian Wells

Table A4—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Well Depth	Cased Depth	Well Diam	Comments
J & P Properties	L-0085	—	—	290909	813125	—	—	2	Repaired 1991
Juniper Lodge	L-0322	—	—	291446	813814	—	—	6	Repaired, date unknown
Lucas, Curtis	L-0310	—	—	290946	813230	—	—	2	Valved 05-09-90
Lucas, Curtis	L-0429	—	1,110	290947	813138	—	—	2	Plugged 06-01-91
Miller, Gary	L-0316	—	—	290820	813104	—	—	2	Capped 02-26-92
Miller, Gary	L-0327	—	—	290818	813104	—	—	2	Capped 02-26-92
Price, Clifford	L-0081	—	—	291002	813127	—	—	4	Valved 07-18-88
SJRWMD	L-0294	—	—	283958	814221	80	80	4	Valved, date unknown
SJRWMD	L-0296	—	—	284115	814205	80	80	4	Valved, date unknown
SJRWMD	L-0493	—	—	285205	814905	—	—	2	Valved 03-03-92
SJRWMD	L-0495	—	—	285205	814920	—	—	2	Repaired 03-03-92
SJRWMD	L-0607	—	—	285442	814624	—	—	4	Repaired 09-11-92
Smith, Neal	L-0431	—	—	283715	814045	—	—	4	Valved 1986
Undetermined	L-0201	—	11	284929	812949	—	—	10	Valved 04-22-89
Undetermined	L-0434	—	216	290940	813130	—	—	2	Repaired 09-11-90
Undetermined	L-0437	—	—	290938	813415	—	—	2	Capped 09-11-90
Undetermined	L-0438	—	—	290937	813412	—	—	3	Valved 09-11-90
Undetermined	L-0627	—	1,760	291034	813221	—	—	2	Plugged 03-93
<b>Total</b>	<b>24</b>	<b>10</b>							
<b>Marion County</b>									
County right-of-way	M-0003	2	10	291102	815933	—	—	4	Capped 10-03-88
Fitzpatrick, John	M-0034	—	290	291730	813900	—	—	4	Valved 05-30-89
Gay, Francis	M-0282	—	—	291256	815906	—	—	10	Capped 11-05-85
Geiger, H.	M-0326	—	259	291739	813905	—	—	8	Valved 06-26-92
Haxby, R.J.	M-0325	1,200	500	291745	813918	—	—	8	Valved 06-26-92
Heinemann, G.C.	M-0008	—	—	291743	813915	—	—	6	Valved 10-03-88
Moody, Larry	M-0004	200	150	291749	813534	—	—	6	Valved 04-01-91
Moody, Larry	M-0009	250	185	291738	813520	137	85	6	Valved 04-09-91
Moody, Larry	M-0035	—	251	291738	813520	100	—	6	Valved 04-01-91
Ponderosa Shores	M-0066	200	—	291727	813504	156	102	6	Valved 02-04-87
Ponderosa Shores	M-0082	200	—	291717	813503	205	—	6	Valved 02-04-87
Seiser, R.	M-0138	—	—	291752	813918	243	180	4	Valved 06-26-92
SJRWMD	M-0230	—	—	290121	814950	—	—	6	Valved 08-21-89
SJRWMD	M-0232	—	—	285946	814958	—	—	—	Valved 08-21-89
SJRWMD	M-0234	—	—	290001	814831	—	—	2	Capped 08-21-89
SJRWMD	M-0235	—	—	290247	815110	—	—	4	Valved 08-21-89
SJRWMD	M-0240	—	—	285936	814959	—	—	4	Valved 08-21-89
Undetermined	M-0033	50	—	291740	813512	—	—	4	Valved 10-05-88
Undetermined	M-0253	—	150	291750	813928	—	—	6	Capped 07-18-86
Undetermined	M-0298	—	—	291210	820350	—	—	2	Capped 01-09-92
Undetermined	M-0299	—	—	291210	820350	—	—	6	Repaired 01-09-92
USDA Forest Service	M-0161	—	—	292547	814711	165	92	4	Capped 02-23-89
USDA Forest Service	M-0219	—	—	292102	814405	—	—	6	Plugged, date unknown
USDA Forest Service	M-0226	—	183	292058	814351	—	—	2	Repaired, date unknown
USDA Forest Service	M-0228	—	—	292101	814359	—	—	—	Capped 02-23-89
USDA Forest Service	M-0229	—	—	292101	814359	—	—	—	Capped 02-23-89
USDA Forest Service	M-0297	—	—	292101	814359	—	—	2	Repaired, date unknown
USDA Forest Service	M-0348	—	—	292101	814359	—	—	—	Capped 02-23-89
Vance, Bill	M-0002	—	—	292935	815510	65	—	4	Valved 05-28-91
<b>Total</b>	<b>29</b>	<b>2,102</b>							

## Abandoned Artesian Wells: 1995

Table A4—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Well Depth	Cased Depth	Well Diam	Comments
<b>Nassau County</b>									
Cochran, James	N-0028	—	28	303810	814557	—	—	2	Capped 08-16-88
Fallana, J.R.	N-0216	—	—	303328	815011	—	—	4	Plugged 09-22-95
Jax Properties	N-0191	50	—	303058	814734	—	—	3	Plugged 01-20-87
Lions Club	N-0030	—	—	303541	814951	—	—	2	Valved 09-01-90
Matanzas Packing Co.	N-0032	—	25	303354	813120	—	—	—	Capped 09-04-90
May, Ralph	N-0215	—	26	303527	812749	—	—	8	Repaired 06-94
Roland, Renee	N-0213	—	—	303758	812737	—	—	3	Plugged 08-31-93
Wilder, Gorenflo	N-0107	—	—	303405	813118	550	480	3	Valved 08-16-88
<b>Total</b>	<b>8</b>	<b>50</b>							
<b>Orange County</b>									
Church Corp.	OR0527	14	—	282053	805532	—	—	6	Valved 09-25-91
City right-of-way	OR0013	—	79	283214	805834	—	—	2	Valved 01-15-91
DNR	OR0515	—	—	284635	812613	—	—	3	Valved 02-93
Framcine, F.	OR0518	—	—	283216	805924	—	—	4	Capped 05-91
Grossenbacher, Calvin	OR0504	—	—	284605	813010	—	—	2	Capped 06-24-94
Midway Fish Camp, Inc.	OR0506	—	—	283237	805602	480	—	4	Repaired 06-21-91
Orlando, City of	OR0079	—	—	283417	805948	—	—	—	Plugged 05-10-72
Orlando, City of	OR0521	—	—	283411	805945	—	—	—	Plugged, date unknown
Peake, Thomas	OR0505	—	—	283327	813820	—	—	4	Valved 08-12-91
Vickery, Margaret	OR0519	—	444	283203	805826	—	—	4	Valved 01-04-92
<b>Total</b>	<b>10</b>	<b>14</b>							
<b>Putnam County</b>									
Battaglia, Gaspare	P-0061	—	—	294110	813533	—	—	4	Valved 10-25-88
Buckles, Leon	P-0130	—	—	293949	813929	—	—	6	Repaired 12-11-91
Burns, Forest	P-0829	—	46	294703	813404	—	—	2	Repaired 03-24-95
Byrd's Mobile Home	P-0713	—	—	293453	813609	—	—	3	Plugged 03-95
City National Bank-Miami	P-0764	—	71	294143	813946	—	—	2	Valved 07-30-92
Department of Public Works	P-0827	—	—	293032	814349	—	—	4	Repaired 05-10-95
Dove Meadows	P-0142	—	15	292537	813846	—	—	3	Capped 05-13-92
Elder	P-0112	—	—	294629	813559	—	—	4	Valved 12-19-89
Eldridge, Lawrence	P-0158	30	—	293418	813807	—	—	—	Capped 04-04-86
FEC Railroad	P-0152	10	—	293850	813604	—	—	2	Plugged 10-08-85
Floyd, U.D.	P-0569	—	—	294116	813515	—	—	6	Repaired 10-03-93
Fulwood, Paul	P-0055	—	—	294012	813651	—	—	4	Repaired 10-17-90
Fulwood, Paul	P-0154	—	—	294023	813700	—	—	4	Valved 1990
Gardner, Robert	P-0110	—	—	294629	813628	—	—	4	Repaired 12-19-89
Georgia Pacific	P-0068	5	175	294028	813937	—	—	2	Capped, date unknown
Georgia Pacific	P-0709	—	83	294120	813954	—	—	2	Plugged 09-27-93
Georgia Pacific	P-0710	—	18	294121	814003	—	—	6	Plugged 09-29-93
Georgia Pacific	P-0711	—	77	294116	813955	—	—	6	Plugged 09-28-93
Georgia Pacific	P-0712	—	105	294118	813949	—	—	3	Plugged 09-30-93
Green, Stanton	P-0133	—	—	293855	813744	—	—	4	Capped 05-21-91
Griffin, Angel	P-0714	—	—	293554	813823	—	—	4	Valved 09-23-91
Gulley, Paul	P-0017	50	15	293439	815242	—	—	3	Valved 1991
Hancock, Adrian	P-0108	—	—	294721	813754	—	—	4	Valved 12-19-89
Hancock, William	P-0723	—	—	292518	813850	—	—	3	Valved 07-30-92
Hansford, J.R.	P-0761	—	—	293951	813700	—	—	4	Repaired 02-20-92
Harold	P-0159	—	—	294020	813714	—	—	4	Valved 1983
Linden, Raymond M.	P-0763	—	138	294127	813745	—	—	2	Capped 07-30-92

Appendix A—Inventory of Abandoned Artesian Wells

Table A4—Continued

Well Owner	Well ID	Flow (gpm)	CHL (gpm)	Latitude	Longitude	Well Depth	Cased Depth	Well Diam	Comments
Malloy, Billy	P-0113	—	—	294609	813603	—	—	6	Repaired 12-19-89
Maluda, Leroy	P-0812	—	—	292225	813704	—	—	2	Repaired 08-17-95
Padget, Jim	P-0717	—	28	292549	813022	—	—	2	Valved 03-14-90
Palatka Water Works	P-0139	—	—	293802	813830	—	—	6	Repaired 04-13-90
Palatka Water Works	P-0140	—	—	293802	813831	—	—	6	Repaired 04-13-90
Palatka Water Works	P-0141	—	—	293802	813832	—	—	6	Repaired 04-13-90
Palatka, City of	P-0131	—	—	293855	813826	—	—	4	Repaired 08-02-91
Palatka, City of	P-0135	—	—	293850	813801	—	—	3	Valved 05-29-90
Pickens, Kathryn	P-0062	—	—	292606	813022	—	—	6	Repaired 07-25-90
Pickens, Kathryn	P-0124	—	23	292606	813022	—	—	4	Valved 09-01-90
Port Cove Marina	P-0701	—	—	292318	813819	—	—	3	Capped 04-15-91
Puig, Rafael	P-0058	60	155	294516	813456	—	—	6	Valved 05-03-90
Renchoff, Harlan	P-0702	—	—	292315	813830	—	—	1.5	Repaired 03-14-90
Revels, Robert	P-0452	—	671	294010	813429	—	—	4	Valved 11-07-89
Revels, Robert	P-0453	—	540	293957	813406	—	—	4	Capped 09-28-88
Sauter, George	P-0065	40	1,755	292138	813751	100	—	2	Valved 05-30-90
Shirley, Betty	P-0109	—	—	294534	813613	—	—	4	Valved 12-19-89
SJRWMD	P-0128	—	—	293004	814436	186	90	4	Capped 11-05-90
St. Johns Riverside Elem.	P-0053	—	—	293531	813741	—	—	3	Capped 06-25-91
Stillwell, Thomas	P-0568	50	182	293856	813543	—	—	3	Capped 10-01-91
Stone, John	P-0155	—	—	294250	813247	—	—	6	Valved 1990
Suggs, I.R.	P-0703	—	—	292600	813021	—	—	2	Valved 03-14-90
Thompson, Gerald	P-0107	—	69	294905	813626	—	—	4	Valved 12-19-89
Tomaziefski, Raymond	P-0160	—	—	292553	813032	—	—	2	Valved 07-03-90
Turner, John	P-0448	—	—	293804	813827	—	—	4	Capped 01-25-94
Undetermined	P-0059	—	—	293942	813612	—	—	4	Valved 09-26-88
Undetermined	P-0089	—	47	292748	813111	—	—	—	Valved 03-08-90
Undetermined	P-0111	—	—	294628	813658	—	—	4	Valved 09-25-90
Undetermined	P-0136	—	—	293914	813854	—	—	—	Valved 05-29-90
Undetermined	P-0137	—	—	293853	813720	—	—	—	Valved 05-29-90
Undetermined	P-0138	—	47	293842	813836	—	—	—	Valved 05-29-90
Undetermined	P-0156	—	—	294232	820241	—	—	—	Repaired 08-22-90
Undetermined	P-0157	—	—	294232	820241	167	—	2	Repaired 08-22-90
Undetermined	P-0161	—	178	293849	813735	—	—	4	Valved 1990
Undetermined	P-0419	15	95	294145	813723	—	—	2	Valved 09-26-88
Undetermined	P-0620	—	—	294017	813711	—	—	4	Repaired 02-14-91
Undetermined	P-0693	—	—	293841	813751	—	—	3	Capped, date unknown
Undetermined	P-0699	—	21	292552	813025	—	—	2	Valved 03-14-90
Undetermined	P-0707	—	—	294906	813619	—	—	4	Capped 04-04-86
Undetermined	P-0708	—	—	293943	813650	—	—	4	Valved 02-14-91
Undetermined	P-0720	—	142	293900	813746	—	—	6	Valved 1990
Undetermined	P-0775	—	—	292515	813025	—	—	8	Capped 09-23-92
Von Scheele Co.	P-0700	—	—	294336	815622	—	—	6	Capped 1991
White, Naomi	P-0153	—	—	293930	813600	—	—	2	Valved 04-22-86
Whitehead, R.K.	P-0463	—	—	293707	813647	246	142	4	Valved 07-12-90
Wright, George	P-0718	—	—	294249	813134	—	—	4	Repaired 1984
<b>Total</b>	<b>73</b>	<b>260</b>							
<b>St. Johns County</b>									
Byrd	SJ0695	15	400	294043	812819	—	—	4	Repaired 1990
Chevron USA	SJ0217	—	69	295330	811759	—	—	6	Repaired 09-28-89

## Abandoned Artesian Wells: 1995

Table A4—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Well Depth	Cased Depth	Well Diam	Comments
Davis, J.E.	SJ0521	—	—	300405	812316	—	—	3	Valved 07-01-84
Diocese of St. Augustine	SJ0693	—	301	294252	812954	—	—	4	Capped 04-10-91
Faulkner, Michael	SJ0598	—	—	300753	812313	—	—	4	Capped 02-01-83
Florida DOT	SJ0560	120	168	295410	811845	—	—	6	Plugged 09-09-88
Frazier	SJ0018	—	—	300053	813508	—	—	4	Valved 12-11-85
Graper, John	SJ0510	10	160	295506	811909	—	—	6	Valved 1981
Green, Steve	SJ0182	—	110	295514	811959	1,500	—	4	Plugged 1987
Guano Wildlife Mgt.	SJ0122	188	36	300533	812105	—	—	4	Valved, date unknown
Gulfstream Land & Dev.	SJ0508	50	8	300338	813839	—	—	4	Repaired 10-01-86
Halls Nursery	SJ0015	—	—	295629	813341	—	—	4	Valved 07-20-89
Harris, Nick	SJ0689	25	5,000	295252	811858	—	—	6	Plugged 1989
Harris, Nick	SJ0692	—	—	295247	811853	—	—	5	Plugged 1989
Hastings Manor Ltd.	SJ0220	—	—	294244	813018	—	—	8	Repaired 08-10-90
Huntley, William T.	SJ0569	10	67	295638	812014	—	—	—	Valved 1988
Jack, Arnold	SJ0008	—	—	295552	813317	—	—	4	Repaired 07-20-89
Johns, Danny	SJ0181	—	—	294014	812927	—	—	4	Repaired 11-01-89
Langley, James	SJ0529	—	—	294101	812904	—	—	6	Valved 08-19-87
McMillian, Richard	SJ0787	—	—	294324	813004	—	—	8	Valved 11-22-93
Miller, Allen	SJ0567	20	—	294154	813016	—	—	4	Capped 04-08-83
OMAA Investments	SJ0718	—	—	295327	811531	—	—	2	Capped 10-29-91
Pope, Verle	SJ0239	—	—	295702	812954	—	—	6	Valved 09-13-90
Public domain	SJ0518	—	—	295144	811556	—	—	6	Plugged 09-01-87
Robinson, Ben	SJ0531	—	39	295114	812949	—	—	4	Repaired 03-21-91
Smith, Clyde	SJ0530	—	—	294052	812906	350	80	6	Repaired 03-07-84
Smith, R. Lee	SJ0509	66	100	300355	812309	—	—	4	Valved 08-07-90
Smith, Wesley	SJ0219	—	—	294044	812607	—	—	6	Plugged 12-10-93
Smith, Wesley	SJ0227	—	—	294054	812924	—	—	5	Plugged 12-10-93
Smith, Wesley	SJ0228	—	—	294108	812908	—	—	6	Plugged 12-10-93
St. Johns County	SJ0513	50	50	295457	812643	346	130	4	Repaired 08-07-90
St. Johns County	SJ0690	—	—	295551	812901	—	—	8	Capped 11-13-91
St. Johns County	SJ0691	—	—	295558	812900	—	—	8	Valved 11-13-91
Tuggel	SJ0006	—	—	295636	813222	—	—	3	Valved, date unknown
Undetermined	SJ0238	—	—	294807	812723	270	—	4	Valved 09-13-90
Undetermined	SJ0240	—	20	300839	812322	—	—	4	Repaired 09-13-90
Undetermined	SJ0505	60	45	295751	812653	—	—	4	Plugged 07-28-88
Undetermined	SJ0506	30	45	295646	812638	—	—	4	Plugged 07-28-88
Undetermined	SJ0514	—	20	300738	812304	—	—	6	Valved 1988
Undetermined	SJ0519	—	73	295539	811744	—	—	6	Capped 08-01-88
Undetermined	SJ0520	—	65	295536	811743	—	—	4	Valved 06-01-92
Undetermined	SJ0563	—	—	294154	813048	—	—	2	Valved 1990
Undetermined	SJ0687	—	—	300548	812026	—	—	2	Plugged 05-03-78
Undetermined	SJ0688	—	—	300118	811922	—	—	2	Plugged 05-03-78
Undetermined	SJ0696	—	730	295313	811904	—	—	5	Repaired 03-01-91
Wesley Manor	SJ0694	—	—	300741	813714	—	—	4	Capped 12-03-91
<b>Total</b>	<b>46</b>	<b>644</b>							
<b>Seminole County</b>									
ABC Fruit Co.	S-0833	—	—	284200	811410	—	—	4	Capped 05-04-95
Adams, Mary	S-0545	—	881	284653	811220	—	—	—	Valved 11-21-94
Aire, C.M.	S-0743	—	—	284123	811241	—	—	2	Repaired 09-18-90
Bairangi, Rajendrw	S-0834	—	—	284806	811753	—	—	3	Capped 07-28-91



Appendix A—Inventory of Abandoned Artesian Wells

Table A4—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Well Depth	Cased Depth	Well Diam	Comments
Bail, T.B.	S-0971	—	—	284830	811808	—	—	3	Valved 01-15-92
Bass, Richard L.	S-0612	—	—	284919	811902	—	—	2	Valved 08-10-89
BBW Quality Growers	S-0258	—	—	284134	811050	—	—	—	Valved 02-09-89
BBW Quality Growers	S-0549	—	—	284134	811052	—	—	—	Valved 02-09-89
Blake, Dudley	S-0827	—	692	284809	811748	—	—	6	Plugged 11-25-92
Blake, Dudley	S-0832	—	—	284811	811747	—	—	6	Plugged 11-25-92
Bodiford, Bobby	S-0850	—	920	284624	811233	—	—	2	Valved 05-20-93
Brown, George	S-0667	—	544	284819	811333	—	—	2	Valved 04-01-89
Brown, George	S-0668	—	538	284817	811333	—	—	2	Valved 04-01-89
Brown, George	S-0670	—	—	284807	811339	—	—	2	Repaired 04-01-89
Brown, George	S-0671	—	509	284808	811339	—	—	2	Valved 04-01-89
Brown, George	S-0675	—	484	284820	811332	—	—	2	Valved 04-01-89
Brown, George	S-0676	—	478	284807	811332	—	—	1.5	Valved 04-01-89
Brown, George	S-1008	—	—	284804	811338	—	—	—	Capped 05-20-93
Burgoon, Richard	S-0746	—	—	284157	811131	—	—	—	Valved 09-26-91
Burgoon, Richard	S-0984	—	—	284156	811112	—	—	4	Repaired 11-21-94
Burgoon, Richard	S-1064	—	—	284202	811119	—	—	—	Repaired 11-21-94
Cameron City Grove Pln.	S-0513	—	—	284550	811248	—	—	6	Repaired 06-25-91
Carlton, Hugh	S-0891	—	480	284808	811341	—	—	4	Repaired 07-92
Carlton, Hugh	S-0892	—	—	284808	811341	—	—	4	Repaired 07-92
Carlton, Hugh	S-0893	—	468	281414	811340	—	—	4	Repaired 07-92
Carlton, Hugh	S-0894	—	—	281414	811340	—	—	4	Repaired 07-92
Carr, D., Trustee	S-0793	—	—	284901	811821	—	—	—	Plugged 11-04-85
Carr, D., Trustee	S-0794	—	—	284901	811821	—	—	—	Plugged 11-04-85
Carr, D., Trustee	S-0795	—	—	284901	811821	—	—	—	Plugged 11-14-85
Clarence, Rex	S-0748	—	—	284207	811158	—	—	4	Valved 09-18-90
Clarence, Rex	S-0757	—	—	284207	811159	—	—	6	Valved 09-19-90
Clark, A.	S-0816	—	—	284604	811243	—	—	—	Repaired, date unknown
Clark, A.	S-0825	—	—	284611	811227	—	—	2	Repaired, date unknown
Clark, A.	S-0826	—	—	284612	811228	—	—	1.5	Repaired, date unknown
Classic Construction	S-0690	—	540	284812	811356	—	—	3	Valved 01-23-92
Classic Construction	S-0836	35	432	284805	811353	—	—	3	Valved 01-23-92
Classic Construction	S-0837	57	428	284807	811353	—	—	3	Valved 01-23-92
Classic Construction	S-0838	52	452	284813	811351	—	—	3	Valved 01-23-92
Classic Construction	S-0839	25	428	284807	811354	—	—	4	Valved 01-23-92
Classic Construction	S-0840	25	440	284807	811345	—	—	2	Valved 01-23-92
Classic Construction	S-0841	35	428	284809	811345	—	—	3	Capped 01-23-92
Classic Construction	S-0843	—	—	284805	811355	—	—	3	Valved 01-23-92
Commonwealth Engineering	S-0784	—	—	283855	811038	—	—	—	Repaired 12-31-90
CSX Railroad	S-0533	—	—	284939	811918	—	—	2	Repaired 09-15-92
Cullum, Jerry	S-0007	—	—	284803	811346	—	—	2	Capped 03-01-93
Cullum, Jerry	S-0895	—	—	284801	811344	—	—	3	Capped 03-01-93
Cullum, Jerry	S-0896	—	—	284756	811345	—	—	3	Valved 03-01-93
Cullum, Jerry	S-0897	—	—	284755	811347	—	—	3	Capped 03-01-93
Cullum, Jerry	S-0898	—	—	284756	811346	—	—	3	Valved 03-01-93
Cullum, Jerry	S-0899	—	—	284759	811347	—	—	3	Valved 03-01-93
Cullum, Jerry	S-0900	—	—	284754	811347	—	—	3	Valved 03-01-93
Dekle, Harold	S-0767	—	—	284822	811828	—	—	2	Valved 09-20-90
Dixon, Zonnye	S-0967	—	—	284828	811540	—	—	6	Repaired 05-05-92
Duda, Emily	S-0849	—	34	283921	811342	—	—	1.5	Repaired 08-01-92

## Abandoned Artesian Wells: 1995

Table A4—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Well Depth	Cased Depth	Well Diam	Comments
Dunn, Don	S-0689	—	430	284629	811308	—	—	2	Repaired 01-27-92
Elpidio, Lugo	S-0259	—	—	284143	811117	—	—	4	Repaired 06-16-91
Estes, Luedian	S-0925	—	—	284822	811456	—	—	3	Valved 04-20-92
Famar & Greenlee	S-0763	—	—	284840	811930	—	—	—	Valved 1986
Finck, Allen	S-1176	—	—	284900	811752	—	—	1	Valved 04-04-95
Florida DOT	S-1219	—	—	282416	811701	—	—	4	Plugged 08-16-95
Flowers, Clyde	S-0770	—	—	284806	811320	—	—	2	Valved 02-03-92
Hauser, Edward	S-0737	—	599	284155	811133	—	—	3	Repaired 06-03-91
Haven, Luther	S-1164	—	—	283817	811451	—	—	3	Repaired 11-01-94
Hayes, R.	S-0966	—	—	284832	811550	—	—	2	Repaired 05-10-94
Hoops, Allen	S-0639	—	—	284802	811301	—	—	3	Valved 11-04-92
Jacobs, Cleo	S-0742	—	—	284122	811245	—	—	2	Valved 05-28-91
Justice, J.T.	S-0691	—	—	284804	811344	—	—	2	Valved 08-12-94
Justice, J.T.	S-1174	—	—	284813	811348	—	—	2	Repaired 11-21-94
Kastner, Viola	S-0948	—	—	284855	811848	—	—	4	Capped 05-04-92
Kastner, Viola	S-0949	—	—	284856	811848	—	—	2	Capped 05-04-92
Kastner, Viola	S-0950	—	—	284859	811848	—	—	2	Repaired 05-04-92
Kastner, Viola	S-0958	—	—	284844	811848	—	—	3	Valved 05-05-92
Kastner, Viola	S-0959	—	—	284846	811848	—	—	2	Capped 05-05-92
Kastner, Viola	S-0970	—	—	284910	811833	—	—	4	Repaired 05-13-92
Kastner, Viola	S-0630	—	775	284840	811954	—	—	1.5	Repaired 12-30-91
Kastner, Viola	S-0960	—	—	284846	811848	—	—	2	Valved 05-05-92
Kennedy Construction	S-1032	—	—	284856	811718	—	—	4	Repaired 04-04-95
Kennedy Construction	S-1033	—	—	284853	811720	—	—	4	Repaired 04-04-95
Kennedy Construction	S-1034	—	—	284854	811717	—	—	3	Repaired 04-04-95
Kennedy Construction	S-1035	—	—	284849	811718	—	—	3	Repaired 04-04-95
Kennedy Construction	S-1036	—	—	284848	811718	—	—	4	Repaired 04-04-95
Kennedy Construction	S-1037	—	—	284845	811719	—	—	2.5	Repaired 04-04-95
Kilgore, James	S-0539	—	—	284146	811047	—	—	4	Repaired 08-03-95
King, A.J.	S-0750	—	370	284201	811235	—	—	3	Valved 09-18-90
King, A.J.	S-0751	—	407	284201	811234	—	—	4	Valved 09-18-90
King, A.J.	S-0752	—	324	284201	811228	—	—	4	Valved 09-18-90
King, Robert	S-0747	—	—	284200	811223	—	—	2	Repaired 09-26-91
Kirchhoff, Bill	S-0562	—	—	284905	811803	—	—	3	Valved 09-03-91
Kirchhoff, Bill	S-0565	—	344	284857	811803	—	—	2	Valved 09-03-91
Kirchhoff, William	S-0875	—	—	284552	811252	—	—	6	Capped 05-13-92
Kirchhoff, William	S-0903	—	—	284704	811319	—	—	3	Valved 04-14-92
Laurian, Raven	S-1184	5	1,023	284011	801004	—	—	2	Repaired 06-28-94
Little, Lorene	S-0781	—	—	284524	811205	—	—	—	Repaired 12-01-90
Mahnken, M.E.	S-0951	—	—	284922	811935	—	—	3	Valved 05-04-92
Mahnken, M.E.	S-0952	—	—	284922	811932	—	—	3	Valved 05-04-92
Mahnken, M.E.	S-0953	—	—	284922	811929	—	—	3	Repaired 05-04-92
McDonald's Restaurants	S-0965	—	—	284839	811626	—	—	2	Plugged 08-17-94
McKinney, Mary E.	S-0518	—	—	284849	812023	—	—	2	Valved 05-01-91
Meeks, Charles E.	S-0672	—	462	284835	811553	—	—	1	Repaired 11-01-92
Meriwether, Wilameana	S-0574	—	563	284753	811326	—	—	—	Valved 08-08-89
Meriwether, Wilameana	S-0662	25	521	284822	811315	—	—	2	Valved 08-26-92
Meriwether, Wilameana	S-0976	—	—	284811	811310	—	—	2	Valved 08-18-92
Meriwether, Wilameana	S-0977	25	502	284821	811311	—	—	2	Valved 08-20-92
Miranda Homes	S-0600	5	—	284915	811927	—	—	3	Valved 07-12-88

**Appendix A—Inventory of Abandoned Artesian Wells**

**Table A4—Continued**

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Well Depth	Cased Depth	Well Diam	Comments
Miranda Homes	S-0974	—	—	284918	811919	—	—	2.5	Valved 12-01-88
Nelson and Co.	S-0791	—	—	284303	811133	—	—	4	Plugged 10-25-85
Nickols, James M.	S-0963	—	—	284857	811740	—	—	2	Valved 05-05-92
Nickols, James M.	S-0964	—	—	284856	811740	—	—	2	Valved 05-05-92
Nutting, Charles	S-0766	—	—	284037	811005	—	—	1.5	Valved 06-21-83
Palm Ranch	S-0782	—	—	284717	811244	—	—	—	Repaired 01-01-91
Palm Ranch	S-0783	—	—	284717	811244	—	—	—	Repaired 01-10-86
Palm Ranch	S-0915	—	—	284716	811241	—	—	3	Plugged 04-14-92
Palm Ranch	S-0916	—	—	284716	811238	—	—	4	Valved 04-14-92
Parker, Elizabeth	S-0886	—	—	284748	811539	—	—	3	Capped 04-13-92
Parker, Merle	S-0061	—	—	284400	811624	—	—	—	Capped 07-31-90
Prescott, W.W.	S-0261	—	222	284931	812116	—	—	4	Repaired 12-30-91
Quattlebaum, Milton	S-0059	—	191	284153	811014	—	—	6.5	Valved 1985
Rehrens, Gerald	S-0759	—	532	284856	811854	—	—	2.5	Capped 08-29-91
Ridner, Ron	S-0772	—	424	284359	811627	—	—	2	Valved 01-27-92
Russell, John	S-0911	—	480	284759	811341	—	—	3	Repaired 03-15-95
Russell, John	S-0912	—	—	284756	811341	—	—	3	Repaired 03-31-95
Russell, John	S-0913	—	—	284753	811341	—	—	3	Repaired 03-31-95
Russell, John	S-0914	—	—	284748	811342	—	—	3	Repaired 03-31-95
Russell, John	S-0927	—	500	284754	811315	—	—	4	Repaired 08-18-92
Sabetti, Max	S-1180	—	—	283831	811246	—	—	2	Capped 09-25-95
Schurimsher Land Fun	S-0788	—	—	284203	811535	—	—	2	Valved 06-13-91
Schwmacher, H., Jr.	S-0724	—	—	284400	811723	—	—	2	Capped 01-27-92
Seigler, Robert	S-0937	—	—	284824	811805	—	—	3	Repaired 07-06-94
Seminole County	S-0679	—	—	284623	811236	—	—	2	Repaired 01-16-89
Seminole County	S-0773	—	—	273823	811451	—	—	—	Plugged 05-12-87
Seminole County	S-1039	—	—	284801	811414	—	—	—	Repaired 12-21-94
Seminole County	S-1065	—	—	284835	812016	—	—	—	Repaired 06-21-94
Seminole County Road Dept.	S-0537	—	965	284155	811049	—	—	4	Valved 05-01-91
Shoemaker, Pauluccit	S-1166	—	—	284812	811401	—	—	2	Capped 11-07-94
Smith, D.O.	S-0553	—	36	284809	811823	—	—	1.5	Repaired 05-13-92
Snyder, Kenneth E.	S-0062	—	489	284400	811620	—	—	4.5	Valved 12-03-85
Spencer, Doris	S-0286	—	162	283948	810725	—	—	10	Valved 06-16-92
Sutay, Linda	S-0064	—	1,010	284153	811018	—	—	—	Repaired 01-27-92
Sylar, Howard	S-1026	—	—	284842	811633	—	—	2	Plugged 04-07-95
Sylar, Howard	S-1027	—	—	284841	811632	—	—	—	Plugged 04-07-95
Takvorian, Theodore	S-0844	—	—	284521	811324	—	—	2	Capped 12-30-91
Takvorian, Theodore	S-0873	1	1,100	284523	811328	—	—	2	Valved 02-03-92
Thompson, Clarence	S-0887	—	—	284804	811407	—	—	2	Repaired 04-13-92
Tropener, Leo	S-1038	—	—	284828	811926	—	—	4	Valved 10-26-93
Undetermined	S-0115	—	—	284222	812616	—	—	2	Valved 08-10-88
Undetermined	S-0287	—	—	284846	811859	—	—	3	Repaired 01-04-93
Undetermined	S-0288	—	—	284843	811859	—	—	3	Valved 01-04-93
Undetermined	S-0289	—	—	284825	811809	—	—	—	Repaired 06-10-92
Undetermined	S-0290	—	—	284826	811816	—	—	2	Valved 06-10-92
Undetermined	S-0291	—	—	284827	811818	—	—	3	Repaired 06-10-92
Undetermined	S-0292	—	—	284826	811818	—	—	3	Valved 06-10-92
Undetermined	S-0293	—	—	284817	811812	—	—	3	Capped 06-10-92
Undetermined	S-0294	—	—	284818	811812	—	—	2	Capped 06-10-92
Undetermined	S-0543	—	105	284914	811854	—	—	2.5	Valved 01-29-92

Abandoned Artesian Wells: 1995

Table A4—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Well Depth	Cased Depth	Well Diam	Comments
Undetermined	S-0551	—	88	285000	812147	—	—	4	Repaired 10-30-91
Undetermined	S-0555	—	43	284922	811927	—	—	2.5	Plugged 04-04-95
Undetermined	S-0582	—	89	285004	812151	—	—	1	Repaired 10-30-91
Undetermined	S-0583	—	89	285003	812150	—	—	3.5	Valved 10-30-91
Undetermined	S-0633	—	—	284834	811909	—	—	4	Repaired 12-06-93
Undetermined	S-0637	20	—	284804	811346	—	—	2	Repaired 01-02-89
Undetermined	S-0735	—	774	284155	811045	—	—	2	Capped 08-06-90
Undetermined	S-0744	—	152	284132	811131	—	—	2	Valved 06-17-94
Undetermined	S-0749	—	—	284320	811121	—	—	4	Valved 09-18-90
Undetermined	S-0753	—	—	284130	811202	—	—	2.5	Valved 09-18-90
Undetermined	S-0756	—	—	284827	811809	—	—	3	Valved 09-19-90
Undetermined	S-0758	—	—	284838	811842	—	—	2	Valved 09-19-90
Undetermined	S-0760	—	—	284825	811808	—	—	3	Valved 09-19-90
Undetermined	S-0761	—	—	284919	811740	—	—	2	Valved 09-19-90
Undetermined	S-0762	—	419	284150	811219	—	—	6	Valved 09-18-90
Undetermined	S-0765	—	—	284848	811855	—	—	3	Valved 09-20-90
Undetermined	S-0768	—	—	284728	811320	—	—	2	Valved 09-19-90
Undetermined	S-0769	—	—	284732	811422	—	—	2.5	Valved 09-19-90
Undetermined	S-0771	—	—	284403	811623	—	—	3	Capped 09-19-90
Undetermined	S-0775	—	—	284420	811526	—	—	3	Valved 09-19-90
Undetermined	S-0776	—	515	284154	811152	—	—	—	Valved 06-17-94
Undetermined	S-0777	—	—	284150	811120	—	—	4	Valved 06-17-94
Undetermined	S-0790	—	—	284922	811911	—	—	2	Repaired 05-25-91
Undetermined	S-0871	—	236	284949	812052	—	—	3	Plugged 06-03-93
Undetermined	S-0878	—	—	284732	811335	—	—	4	Valved 05-13-92
Undetermined	S-0888	—	—	284742	811353	—	—	—	Valved 04-13-92
Undetermined	S-0901	—	576	284801	811322	—	—	3	Capped 04-13-92
Undetermined	S-0902	—	—	284759	811322	—	—	3	Valved 04-13-92
Undetermined	S-0942	—	—	284855	811853	—	—	3	Valved 05-04-92
Undetermined	S-0955	—	—	284957	811959	—	—	4	Valved 06-21-95
Undetermined	S-0956	—	253	284954	811954	—	—	4	Valved 10-18-94
Undetermined	S-0957	—	—	284957	811954	—	—	2	Valved 10-18-94
Undetermined	S-0992	—	—	284804	811423	—	—	2	Valved 02-15-93
Undetermined	S-1007	25	870	284652	811212	—	—	3	Repaired 07-20-95
Undetermined	S-1062	—	—	284624	811220	—	—	—	Repaired 08-23-95
Undetermined	S-0295	—	—	284821	811812	—	—	2	Capped 06-10-92
Uniroyal Chemical Co.	S-1083	—	—	284802	811322	—	—	2	Repaired 11-21-94
University of Florida IFAS	S-0503	69	—	284815	811400	—	—	3	Valved 1989
Van Ness	S-0528	—	—	284832	811749	—	—	1.5	Repaired 04-11-88
Vestry	S-0546	38	—	284654	811222	—	—	4	Valved 12-30-91
Vigrinci, Kathleen A.	S-1063	—	—	284445	811512	—	—	—	Repaired 11-21-94
Vodopich, Darrell	S-0969	—	—	284814	811302	—	—	3	Valved 05-13-92
Watson, Joe	S-0653	—	—	284753	811259	—	—	—	Repaired 01-09-89
Watson, Joe	S-0652	—	—	284748	811255	—	—	—	Repaired 01-09-89
Watson, Joe	S-0654	—	—	284736	811259	—	—	—	Repaired 01-09-89
Weaver, Donald	S-0745	—	—	284156	811141	—	—	4	Valved 06-05-91
Wheeled Coach Ind.	S-0544	—	—	284828	811842	—	—	3.5	Repaired, date unknown
Williams, Frank	S-0613	—	—	284905	811908	—	—	2.5	Repaired 12-19-88
<b>Total</b>	<b>202</b>	<b>442</b>							

Appendix A—Inventory of Abandoned Artesian Wells

Table A4—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Well Depth	Cased Depth	Well Diam	Comments
Volusia County									
Feiser Dairy	V-0497	—	13	290917	812222	—	—	4	Valved 10-27-88
Florida Power & Light	V-0579	—	—	285155	811905	124	—	8	Capped 08-10-92
Landreth	V-0495	8	26	285606	810614	—	—	2	Capped 10-29-87
McKinney, Sandra	V-0597	—	—	285024	811911	—	—	2	Repaired 09-14-92
Mowery, William	V-0509	—	—	290928	812206	—	—	3	Valved 07-31-90
Pearson, J.E.	V-0059	1	30	285621	810538	—	—	1	Repaired 07-31-90
Pearson, J.E.	V-0060	1	30	285621	810538	—	—	2	Valved 11-01-88
Pyle, Allen	V-0584	—	432	285043	811919	—	—	2	Valved 04-07-92
SJRWMD	V-0065	98	9	291508	813028	180	97	4	Valved 02-06-89
Sullivan, Mary Jo	V-1090	—	—	290206	812035	—	—	4	Repaired 01-03-94
Thofehrn, George	V-0511	—	—	290931	812203	—	—	—	Capped 01-13-92
Tompkins, W.L., Leasee	V-0074	—	—	290915	812157	—	—	4	Repaired 12-02-87
Undetermined	V-0699	—	—	285035	811921	—	—	—	Repaired 10-06-92
Vadnais, Armand	V-0095	—	6	291726	812854	180	—	4	Repaired 07-01-91
Vadnais, Armand	V-0534	—	12	291727	812901	—	—	4	Valved 12-18-92
Volusia County	V-0182	5	—	290134	805727	—	—	2	Plugged 11-01-87
Webster, Tom	V-0213	—	17	290930	812302	145	143	2	Valved 08-14-90
<b>Total</b>	<b>17</b>	<b>113</b>							
<b>St. Johns River Water Management District Total</b>	<b>790</b>	<b>12,092</b>							

- Note:
- = unknown
  - AFB = Air Force base
  - BSA = Boy Scouts of America
  - Cor. Inst. = [Montgomery] Correctional Institute
  - DNR = Department of Natural Resources (now, Department of Environmental Protection)
  - DOT = Department of Transportation
  - FEC = Florida East Coast
  - FGFWFC = Florida Game and Fresh Water Fish Commission
  - GDC = General Development Corporation
  - IFAS = Institute of Food and Agricultural Science
  - IR = Indian River
  - MC = mosquito control
  - NASA = National Aeronautics and Space Administration
  - Pln. = Plantation
  - SJRWMD = St. Johns River Water Management District
  - USDA = United States Department of Agriculture

**Abandoned Artesian Wells: 1995**

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Appendix A—Inventory of Abandoned Artesian Wells

Table A5. Summary of abandoned artesian wells in the St. Johns River Water Management District to be controlled as of September 30, 1995

County	Number of Wells in Inventory	Number of Wells of Measured Flow	Measured Flow (mgd)	Number of Wells of Unknown Flow	Estimated Flow (mgd)	Total Estimated Flow (mgd)	Per-Well Average of Measured Flow (mgd)
A	B	C	D	E	F	G	H
Alachua	1	0	0.00	1	0.24	0.24	0.00
Baker	0	0	0.00	0	0.00	0.00	0.00
Bradford	0	0	0.00	0	0.00	0.00	0.00
Brevard	168	15	2.98	153	39.78	42.76	0.26
Clay	5	0	0.00	5	0.80	0.80	0.16
Duval	19	0	0.00	19	6.65	6.65	0.35
Flagler	9	0	0.00	9	0.27	0.27	0.03
Indian River	46	3	1.73	43	19.78	21.51	0.46
Lake	10	0	0.00	10	0.60	0.60	0.06
Marion	14	0	0.00	14	3.08	3.08	0.22
Nassau	7	0	0.00	7	0.56	0.56	0.08
Okeechobee	0	0	0.00	0	0.00	0.00	0.00
Orange	30	0	0.00	30	2.10	2.10	0.07
Osceola	1	0	0.00	1	0.24	0.24	0.00
Polk	0	0	0.00	0	0.00	0.00	0.00
Putnam	18	3	0.03	15	0.60	0.63	0.04
St. Johns	29	2	0.36	27	7.83	8.19	0.29
Seminole	203	30	0.83	173	15.57	16.40	0.09
Volusia	21	3	0.12	18	1.44	1.56	0.08
Total	581	56	6.05	525	99.54	105.59	
St. Johns River Water Management District per-well average of known flow from composite inventory equals 0.24 mgd							

Column F is column H or district per-well average times column E.

Column G is column D plus column F.

Column H reflects per-well average from the composite inventory (see Table 3, page 12).

Note: mgd = million gallons per day





**Appendix A—Inventory of Abandoned Artesian Wells**

**Table A6. Inventory of abandoned artesian wells in the St. Johns River Water Management District to be controlled as of September 30, 1995 (see page 36 for key to column headings)**

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
<b>Alachua County</b>									
Hope, Carlos M.	A-0670	—	—	294027	821805	240	214	6	
<b>Total</b>	<b>1</b>	<b>0</b>							
<b>Brevard County</b>									
Alfrey, Elaine	BR1488	—	781	280836	803900	—	—	2	
American Divers International	BR1009	—	—	282206	804204	—	—	3	
Atlantic Ridge Corp.	BR1081	—	—	275656	803510	—	—	4	
Atlantic Ridge Corp.	BR1113	—	—	275639	803403	—	—	6	
Bennett, James	BR1414	—	—	282223	804208	—	—	2	
Bonsall, Oathal	BR1450	—	—	282215	804215	—	—	2	
Borengascer, Marcus	BR1498	—	—	280432	803704	—	—	2	
Brevard County	BR1111	—	—	280716	804237	—	—	4	
Brevard County MC	BR0412	—	—	280053	803214	—	—	3	
Brevard County MC	BR0092	—	—	275602	803022	387	—	4	
Brevard County MC	BR0391	—	1,130	281921	804053	—	—	4	
Brevard County MC	BR1124	—	—	275720	803033	—	—	4	
Brevard County MC	BR1127	—	—	275330	802807	—	—	4	
Brevard County MC	BR1494	—	—	280809	803850	—	—	4	
Brown, Eddie	BR1449	—	—	280353	803602	—	—	3	
Charles, Harry	BR1445	—	—	282026	803629	—	—	6	
CMC Management	BR1121	—	660	275056	804002	—	—	6	
CMC Management	BR1455	—	624	275032	804103	—	—	8	
CMC Management	BR1460	—	—	275136	804025	300	—	4	
CMC Management	BR1461	—	—	274948	804111	—	—	6	
CMC Management	BR1125	—	—	275125	804020	—	—	4	
Creek Associates	BR1012	—	—	275211	803549	—	—	6	
Crisafulli, C.	BR0242	—	1,400	282624	804248	—	—	4	
Deer Run	BR1244	—	—	275232	803853	399	—	6	
Deledda, Frank	BR1418	15	493	280924	804249	—	—	—	
Dickinson, Louis	BR0954	—	—	280933	803845	—	—	2	
Dingman, Arnold	BR0556	—	—	282815	804304	—	—	3	
FDEP	BR1266	250	0	282209	804249	—	—	6	
Fleener, Bob	BR1053	—	—	280107	803247	—	—	2	
Florida DOT	BR0991	—	—	275026	803012	—	—	—	
Florida DOT Mathers Bridge	BR0379	—	—	280857	803624	—	—	2	
GDC	BR1002	—	578	275656	804121	418	—	6	
Gulf Western	BR1139	—	—	274931	804259	—	—	4	
Hall, James J.	BR1047	—	—	282003	804152	—	—	2	
Hatcher, M. James	BR1462	—	—	281011	803544	—	—	2	
Hendricks, Guy	BR1408	—	600	280419	804047	—	—	4	
Hillard, Linda	BR1467	—	—	281408	803907	—	—	4	
Hurst, Chris	BR1427	—	—	281734	804314	—	—	2	
Inlet Grove Partners	BR1345	—	438	275630	803003	—	—	4	
Inlet Grove Partners	BR1343	—	—	275700	803006	—	—	4	
Inlet Grove Partners	BR1344	30	315	275646	803007	—	—	6	
Inlet Grove Partners	BR1346	—	—	275619	803003	—	—	4	
Inlet Grove Partners	BR1347	—	—	275612	802956	—	—	6	
Inlet Grove Partners	BR1348	110	232	275558	802949	—	—	4	
Inlet Grove Partners	BR1349	5	322	275558	802941	—	—	4	

## Abandoned Artesian Wells: 1995

Table A6—Continued

Well Owner	Well ID	Flow (gpm)	CHL (gpm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Inlet Grove Partners	BR1350	120	226	275603	802939	—	—	4	
Jensen, Jim	BR1448	—	—	280514	804014	—	—	2	
Katnik, Greg	BR1463	—	—	282952	804314	—	—	2	
Key, Kirby	BR0999	—	—	283137	804234	—	—	4	
Knight, Riley	BR1353	35	469	280544	804201	—	—	2	
Lamontagne, Arthur	BR1077	—	—	280756	803858	—	—	2	
Laurie, Karen	BR1478	75	4,670	283443	804759	—	—	3	
Lee, Lula	BR0705	—	133	280349	803559	—	—	2	
Leon Grove	BR0998	—	—	275330	803813	—	—	8	
McCreary, Charles	BR1078	—	—	282447	804232	—	—	2	
McGinn, Carol	BR1499	—	—	281644	804124	—	—	1.5	
McGrier, Ronald	BR1443	—	—	282033	804459	—	—	2	
NASA	BR0605	—	—	282737	804013	—	—	4	
NASA	BR0612	—	—	283001	804120	—	—	6	
NASA	BR0613	—	1,410	283037	804027	—	—	3	
NASA	BR0615	—	—	283130	804033	—	—	3	
NASA	BR0616	—	1,880	283135	804117	—	—	6	
NASA	BR0618	—	—	283238	804027	—	—	4	
NASA	BR0619	—	—	283404	803946	—	—	4	
NASA	BR1066	—	—	282924	804056	—	—	6	
NASA	BR1456	—	—	282928	803929	—	—	4	
O'Malley, Anne D.	BR1452	—	—	282030	803654	—	—	2	
Olsen, Stanley	BR1481	—	—	282100	804149	—	—	3	
Ordonez, Albert	BR1457	—	—	281906	804117	—	—	2	
Palm Bay, City of	BR1446	—	—	275855	804304	—	—	4	
Patrick AFB	BR0596	—	637	282528	803611	—	—	4	
Patrick AFB	BR0597	—	687	282621	803559	—	—	4	
Patrick AFB	BR0599	—	609	282732	803550	—	—	4	
Patrick AFB	BR0697	—	—	282654	803551	—	—	6	
Patrick AFB	BR1003	—	725	283428	803447	—	—	2	
Patrick AFB	BR1004	—	691	282508	803612	—	—	4	
Patrick AFB	BR1005	—	503	282904	803518	—	—	4	
Paulin, Al	BR1052	—	—	282229	804133	—	—	2	
Paviakos, Andrew	BR1025	—	—	280202	803256	325	—	3	
Peri, Joana	BR1472	—	—	280547	803433	—	—	2	
Petrie, Guy	BR1146	—	—	280226	803453	—	—	4	
Poteet Farm & Grove	BR0421	—	—	275045	804946	284	—	6	
Rainkins, Guenther	BR1275	—	—	280324	803527	—	—	2	
Ratcliff, Douglas	BR1421	—	8	281940	803936	—	—	4	
Roberson, Elmer	BR1484	3	3,840	282750	804307	—	—	2	
Rockledge Country Club	BR1491	—	—	282009	804444	—	—	4	
Rockledge Country Club	BR1492	—	—	282010	804444	—	—	4	
Rockledge Country Club	BR1493	—	—	282003	804448	—	—	4	
Ru, Gilbert and Allison	BR1451	—	—	280749	803509	—	—	2	
Russell, Jack	BR1453	—	—	284608	805107	—	—	—	
Sadoff, Milton	BR1240	25	531	282025	804522	—	—	4	
Sartori, Jim	BR1022	—	—	275207	804245	—	—	3	
Schwartz, Richard	BR1479	—	1,070	281604	804004	—	—	8	
Seib Grove	BR0251	—	—	275332	803739	—	—	4	

Appendix A—Inventory of Abandoned Artesian Wells

Table A6—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
SJRWMD	BR0801	—	—	275155	804812	—	—	8	
SJRWMD	BR0802	—	—	275129	804852	—	—	2	
SJRWMD	BR0803	—	—	275124	804854	621	—	6	
SJRWMD	BR0804	—	—	275051	804853	275	—	6	
SJRWMD	BR0805	—	—	275035	804852	—	—	6	
SJRWMD	BR0806	—	—	275010	804853	—	—	6	
SJRWMD	BR0808	—	—	275126	804819	—	—	4	
SJRWMD	BR0809	—	—	275134	804828	—	—	4	
SJRWMD	BR0811	—	—	275130	804812	—	—	10	
SJRWMD	BR0813	—	—	275219	804831	—	—	8	
SJRWMD	BR0814	—	—	275201	804802	546	—	8	
SJRWMD	BR0815	—	—	275216	804801	—	—	8	
SJRWMD	BR0816	—	—	275214	804707	—	—	8	
SJRWMD	BR0818	—	—	275301	804914	—	—	8	
SJRWMD	BR0819	—	—	275212	804839	—	—	8	
SJRWMD	BR0820	—	—	275214	804839	—	—	6	
SJRWMD	BR0822	—	—	275306	804843	—	—	6	
SJRWMD	BR0824	—	—	275319	804845	—	—	4	
SJRWMD	BR0825	—	—	275324	804847	—	—	6	
SJRWMD	BR0827	—	—	275333	804848	—	—	6	
SJRWMD	BR0830	—	—	275254	804812	—	—	6	
SJRWMD	BR0831	—	—	275245	804740	—	—	6	
SJRWMD	BR0832	—	—	275257	804742	446	—	6	
SJRWMD	BR0835	—	—	275317	804744	—	—	6	
SJRWMD	BR0942	—	—	275125	804843	—	—	4	
SJRWMD	BR1280	50	401	280009	804537	—	—	2.5	
SJRWMD	BR1281	—	293	280009	804538	—	—	2	
SJRWMD	BR1282	250	398	280254	804515	365	263	6	
SJRWMD	BR1285	700	467	280042	804514	242	—	6	
SJRWMD	BR1286	350	372	280029	804543	438	104	6	
SJRWMD	BR1287	50	397	275623	804425	—	—	4	
SJRWMD	BR0828	—	—	275240	804809	—	—	6	
Somerfield	BR0381	—	—	281341	803903	325	—	4	
St. Johns Episcopal Church	BR1464	—	—	280737	803741	—	—	2	
St. Johns Episcopal Church	BR1465	—	—	280737	803739	—	—	2	
Strand, William	BR1142	—	—	282631	804234	—	—	6	
Stroughton	BR1133	—	2,400	282218	804244	—	—	2	
Tinsley, Phylis	BR0419	—	2,570	282543	804259	—	—	4	
Toledo Trust Co.	BR0016	—	—	282146	805128	—	—	2	
Toledo Trust Co.	BR0528	—	2,112	282151	805125	—	—	2	
Torres, Bob	BR1423	—	—	281940	803654	—	—	2	
Torres, Bob	BR1429	—	—	281938	803650	—	—	2	
U.S. Government	BR0964	—	—	282625	803932	—	—	2	
Undetermined	BR1476	—	—	275844	803313	—	—	2	
Undetermined	BR0257	—	—	275416	803940	315	—	6	
Undetermined	BR0374	—	—	281230	803626	—	—	6	
Undetermined	BR0375	—	—	281234	803629	—	—	6	
Undetermined	BR0400	—	—	282045	804634	—	—	6	
Undetermined	BR0416	—	—	282049	803942	—	—	2	
Undetermined	BR0562	—	—	275207	804048	—	—	3	

## Abandoned Artesian Wells: 1995

Table A6—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Undetermined	BR1131	—	—	282441	804035	—	—	2	
Undetermined	BR1132	—	—	282150	805115	—	—	2	
Undetermined	BR1274	—	—	281344	803858	—	—	2	
Undetermined	BR1288	—	—	275723	804608	—	—	2	
Undetermined	BR1403	—	—	282122	803942	—	—	4	
Undetermined	BR1404	—	—	281743	803645	—	—	2	
Undetermined	BR1406	—	1,260	281259	803839	—	—	6	
Undetermined	BR1407	—	670	280433	804040	—	—	3	
Undetermined	BR1409	—	611	280442	804043	—	—	4	
Undetermined	BR1410	—	—	282141	804014	—	—	2	
Undetermined	BR1413	—	604	275645	803555	—	—	—	
Undetermined	BR1422	—	—	282130	804128	—	—	2	
Undetermined	BR1431	—	—	275905	803104	—	—	3	
Undetermined	BR1440	—	—	280804	804217	—	—	2	
Undetermined	BR1447	—	—	280345	803905	—	—	4	
Wansley, Theodore	BR1057	—	—	281906	803713	—	—	2	
Waterway Estates	BR0373	—	—	281226	803626	—	—	6	
Westfield Financial Corp.	BR1471	—	—	280231	803721	—	—	4	
Wickhan Park	BR0383	—	—	280951	803940	550	105	6	
Windward Apts.	BR0368	—	—	280214	803711	—	—	2	
Wollam, Robert	BR1189	—	768	282259	803628	—	—	2	
Woody, Jack	BR1482	—	—	282046	804329	—	—	4	
Wright, Robert	BR1399	—	—	282309	804018	200	—	2	
Wye River Ranch	BR0812	—	—	275201	804857	412	—	4	
<b>Total</b>	<b>168</b>	<b>2,068</b>							
<b>Clay County</b>									
Blodgett	C-0527	—	—	300352	815236	—	—	3	
Clay County	C-0475	—	—	300313	814231	—	—	3	
Nassar, Alice	C-0470	—	4	300505	815205	—	—	6	
Undetermined	C-0471	—	4	300427	814138	—	—	6	
Undetermined	C-0526	—	5	300535	814619	—	—	4	
<b>Total</b>	<b>5</b>	<b>0</b>							
<b>Duval County</b>									
Allen Motors	D-1267	—	—	301845	813452	—	—	8	
Carter, Donna	D-1266	—	—	302357	813020	—	—	2	
FDEP	D-1224	—	—	302258	812620	—	—	8	
Florida DOT	D-1907	—	9	301751	814612	—	—	—	
Forbes, Grace	D-1273	—	—	301842	814501	—	—	6	
Herring, Carl	D-1201	—	—	301722	814302	—	—	—	
Jacksonville, City of	D-0694	—	—	301723	814251	—	—	4	
Jacksonville, City of	D-4590	—	—	302200	813323	600	—	2	
Jacksonville Public Utilities	D-1283	—	—	301440	814914	750	—	12	
Landmark Island Associates	D-1197	—	—	302017	812555	—	—	3	
National Park Service	D-0424	—	—	302307	812938	705	424	6	
P.L.D. Limited	D-0775	—	25	301024	813617	—	465	3	
Ripley, Dan	D-1247	—	—	301728	813532	—	—	3	
Sallas, Virginia	D-1282	—	—	302532	813349	—	—	2	
Undetermined	D-1204	—	—	301939	814105	—	—	—	
Undetermined	D-1268	—	—	302135	812339	—	—	6	
Undetermined	D-1269	—	—	302137	814346	—	—	2	

Appendix A—Inventory of Abandoned Artesian Wells

Table A6—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Undetermined	D-1276	—	—	302657	814544	—	—	8	
Ward, Morrell	D-1202	—	—	301211	813503	—	—	—	
<b>Total</b>	<b>19</b>	<b>0</b>							
<b>Flagler County</b>									
Barton, Denise	F-0330	—	—	292349	811830	—	—	2	
Critcher, Dwight	F-0026	—	852	292524	812503	—	—	2	
FDEP	F-0287	—	—	292335	812318	—	—	2	
Greene, Tim	F-0331	—	—	292533	812329	—	—	6	
King, Herchel	F-0332	—	—	292533	812317	—	—	6	
King, Herchel	F-0333	—	—	292618	812221	—	—	6	
King, Herchel	F-0334	—	—	292522	812326	—	—	4	
Undetermined	F-0289	—	1,330	292528	812553	—	—	4	
Undetermined	F-0290	—	—	292528	812549	—	—	3	
<b>Total</b>	<b>9</b>	<b>0</b>							
<b>Indian River County</b>									
Chick Calvit Real Estate	IR0831	—	—	274353	802529	—	—	2	
Debartolo Properties	IR0859	—	724	273825	802744	—	—	4	
Debartolo Properties	IR0333	—	—	273821	802739	746	138	4	
Debartolo Properties	IR0860	—	—	273833	802720	—	—	4	
Debartolo Properties	IR0861	—	—	273842	802733	—	—	4	
Debartolo Properties	IR0862	—	—	273832	802723	—	—	4	
Fisher, Henry	IR0830	—	—	274658	802734	—	—	4	
Gidson, Phoebe	IR0857	—	—	274000	802424	—	—	4	
Grand Harbor, Ltd.	IR0837	—	—	274057	802416	—	—	4	
Grand Harbor, Ltd.	IR0838	—	—	274050	802415	—	—	4	
Griffin, Jason	IR0807	—	—	274132	802647	740	224	6	
IR County Utilities	IR0612	—	848	274739	802449	—	—	2	
Kieffer, Kim	IR0864	—	—	273544	802453	—	—	2	
Lakewood Village	IR0638	—	—	273750	803040	890	262	6	
Lier Groves	IR0819	—	659	274758	802522	—	—	3	
Lier Groves	IR0818	—	470	274545	802436	—	—	4	
Lier Groves	IR0820	—	—	274801	802510	—	—	6	
Merritt Island WR	IR0724	1,000	448	274837	802534	—	—	4	
Mid-Atlantic Bank	IR0824	—	442	273819	802751	—	—	2	
Riomar Country Club	IR0808	—	—	273822	802118	—	—	6	
Riomar Country Club	IR0809	—	—	273823	802132	1,200	—	10	
Sand Ridge Golf Course	IR0795	—	355	274316	802629	—	—	5	
Shulock, Michael	IR0550	—	362	274127	802938	—	—	4	
SJRWMD	IR0767	—	—	274827	804750	—	—	2	
SJRWMD	IR0768	—	—	274828	804735	184	180	2	
SJRWMD	IR0769	—	—	274827	804721	179	—	2	
SJRWMD	IR0770	—	—	274826	804650	—	—	2	
SJRWMD	IR0771	—	—	274827	804637	—	—	2	
SJRWMD	IR0775	—	—	274828	804704	—	—	—	
SJRWMD	IR0787	—	400	274740	804724	—	—	6	
Tangel, Diane	IR0850	—	—	273545	802524	—	—	—	
Teling, Woo	IR0541	—	—	273723	803028	—	—	—	
Teling, Woo	IR0542	—	—	273723	803029	—	—	—	
Undetermined	IR0525	—	496	274557	803233	—	—	4	
Undetermined	IR0570	—	—	273511	802416	—	—	3	

## Abandoned Artesian Wells: 1995

Table A6—Continued

Well Owner	Well ID	Flow (gpm)	CHL (gpm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Undetermined	IR0721	—	610	274607	803352	—	—	4	
Undetermined	IR0730	150	503	273823	803116	—	—	4	
Undetermined	IR0791	50	307	273544	802504	—	—	3	
Undetermined	IR0793	—	—	273505	802610	—	—	6	
Undetermined	IR0794	—	—	273512	802611	—	—	4	
Undetermined	IR0834	—	652	273839	803001	—	—	6	
Undetermined	IR0856	—	—	274849	803624	—	—	5	
Village Green	IR0821	—	—	273824	802843	—	—	3	
Village Green	IR0825	—	—	273825	802840	—	—	3	
Village Green	IR0826	—	695	273823	802840	—	—	3	
Windsor Properties	IR0223	—	—	274653	802509	—	—	8	
<b>Total</b>	<b>46</b>	<b>1,200</b>							
<b>Lake County</b>									
Dorman, Phil	L-0435	—	—	284803	812943	—	—	3	
Dorman, Phil	L-0436	—	7	284813	812940	—	—	3	
Greater Construction Corp.	L-0666	—	—	283345	814144	—	—	12	
Laht, Sam	L-0430	—	12	290839	813134	—	—	—	
SJRWMD	L-0452	—	7	284922	814940	—	—	4	
SJRWMD	L-0617	—	—	285332	813917	—	—	2	
SJRWMD	L-0618	—	—	285303	813946	—	—	3	
SJRWMD	L-0619	—	—	285303	813946	—	—	3	
Undetermined	L-0638	—	67	290047	812434	—	—	10	
USDA Forest Service	L-0441	—	—	290705	813143	113	104	8	
<b>Total</b>	<b>10</b>	<b>0</b>							
<b>Marion County</b>									
FDEP	M-0271	—	14	291235	815938	—	—	3	
FDEP	M-0272	—	—	291215	820017	—	—	3	
FDEP	M-0273	—	12	291212	820024	—	—	3	
FDEP	M-0274	—	13	291206	820035	—	—	3	
FDEP	M-0275	—	—	291213	820145	—	—	3	
FDEP	M-0276	—	—	291243	820211	—	—	3	
FDEP	M-0277	—	—	291251	820220	—	—	3	
Geiger, H.	M-0327	—	—	291739	813906	—	—	2	
Heinemann, G.C.	M-0005	—	—	291743	813915	—	—	4	
McIntosh, City of	M-0374	—	—	292700	821300	157	157	8	
SJRWMD	M-0357	—	—	290000	814849	—	—	6	
Undetermined	M-0270	—	—	290845	815751	—	—	4	
USDA Forest Service	M-0225	—	—	291112	815022	—	—	6	
USDA Forest Service	M-0362	—	—	291625	815452	—	—	4	
<b>Total</b>	<b>14</b>	<b>0</b>							
<b>Nassau County</b>									
Cook, Elizabeth	N-0212	—	—	304006	812725	—	—	6	
Florida DOT	N-0223	—	—	304439	815719	600	—	3	
Flukes, Carlton	N-0219	—	31	303432	812643	—	—	6	
Johnson Lake	N-0108	—	—	303549	813854	—	—	2	
Kirkland, Joann	N-0214	—	—	303717	812727	—	—	6	
SJRWMD	N-0200	—	32	304839	815627	—	—	4	
Smith, Julian	N-0114	—	—	304027	812655	—	—	4	
<b>Total</b>	<b>7</b>	<b>0</b>							

Appendix A—Inventory of Abandoned Artesian Wells

Table A6—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Orange County									
Camp Joy	OR0528	—	—	284600	813006	—	—	—	
Camp Joy	OR0529	—	—	284600	813007	—	—	—	
FDEP	OR0497	—	—	284339	812850	—	—	2	
FDEP	OR0498	—	—	284333	812838	—	—	2	
FDEP	OR0499	—	—	284325	812836	—	—	1	
FDEP	OR0500	—	—	284431	812830	—	—	2	
FDEP	OR0501	—	—	284453	812857	—	—	2	
FDEP	OR0502	—	—	284613	812518	—	—	2	
FDEP	OR0508	—	—	282854	805445	335	152	6	
FDEP	OR0509	—	—	282846	805718	120	80	2	
FDEP	OR0510	—	—	282659	805742	—	—	2	
FDEP	OR0512	—	—	282639	805726	—	—	2	
FDEP	OR0530	—	—	282924	805611	—	—	—	
FDEP	OR0533	—	231	284610	812501	—	—	—	
FDEP	OR0534	—	388	284557	812458	—	—	2	
FDEP	OR0535	—	544	284456	812507	39	—	—	
FDEP	OR0536	—	—	284403	812532	—	—	—	
FDEP	OR0537	—	183	284400	812534	—	—	2	
FDEP	OR0538	—	144	284350	812542	62	—	2	
FDEP	OR0539	—	—	284431	812514	—	—	2	
Greengate Group	OR0616	—	—	283247	813949	—	—	12	
Grossenbacher, Calvin	OR0503	—	—	284604	813016	—	—	6	
Hunter Development	OR0525	—	—	283610	810136	—	—	2	
Rock Springs, FDEP	OR0514	—	—	284636	812803	—	—	3	
Rock Springs, FDEP	OR0517	—	—	284431	812720	—	—	3	
SJRWMD	OR0523	—	—	283254	810022	260	155	10	
Tosahatchee State Reserve	OR0511	—	—	282641	805700	—	—	4	
Tosahatchee State Reserve	OR0526	—	—	282213	805421	—	—	2	
Tosahatchee State Reserve	OR0507	—	—	282943	805615	—	—	2	
Undetermined	OR0109	—	196	283216	805937	—	—	4	
<b>Total</b>	<b>30</b>	<b>0</b>							
Osceola County									
Kempfer Deer Park Ranch	OS0180	—	—	275957	805234	274	—	2.5	
<b>Total</b>	<b>1</b>	<b>0</b>							
Putnam County									
FDEP	P-0286	—	—	293043	814319	—	—	6	
FDEP	P-0106	—	—	292321	813840	—	—	2	
FDEP	P-0116	5	43	294133	813755	—	—	6	
Hickey, Annette	P-0715	—	18	295021	813706	—	—	3	
Lee, Linda	P-0698	—	80	293858	813814	—	—	2	
McLendon, Vivian	P-0730	—	162	293839	813637	—	—	—	
Noonen, Mike	P-0721	5	156	293902	813743	—	—	—	
Ravines State Garden	P-0418	—	—	293801	813832	405	86	3	
Rio De St. Johns Prop.	P-0716	—	245	294428	813514	—	—	6	
SCL Railroad	P-0056	—	—	293545	814059	—	—	2	
Undetermined	P-0064	—	—	294032	813729	—	—	4	
Undetermined	P-0083	—	—	293358	814339	—	—	4	
Undetermined	P-0134	—	—	293851	813820	—	—	—	
Undetermined	P-0739	—	7	293231	814525	—	—	4	

## Abandoned Artesian Wells: 1995

Table A6—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Undetermined	P-0759	—	—	293220	814525	—	—	2	
Undetermined	P-0779	10	—	294054	813619	—	—	0.5	
Undetermined	P-0814	—	—	294034	813732	—	—	6	
Undetermined	P-0816	—	—	294045	813516	—	—	2	
<b>Total</b>	<b>18</b>	<b>20</b>							
<b>St. Johns County</b>									
BHR	SJ0703	—	—	295709	813206	—	—	1	
BHR	SJ0704	—	—	295648	813005	—	—	6	
BHR	SJ0705	—	—	295642	813017	—	—	8	
BHR	SJ0706	—	—	295646	813030	—	—	4	
BHR	SJ0710	—	—	295533	812952	—	—	2	
BHR	SJ0711	—	—	295743	813203	—	—	1.25	
BHR	SJ0749	—	—	295751	813215	—	—	4	
BHR	SJ0756	—	26	295658	813142	—	—	4	
Dinsdale, James	SJ0233	—	—	295534	812155	—	—	6	
Diocese of St. Augustine	SJ0792	—	—	300520	813826	—	—	6	
FDEP	SJ0232	—	86	300104	812221	—	—	3	
FDEP	SJ0507	150	180	300354	812222	368	300	3	
Grafton, Alan	SJ0795	—	—	295042	811558	—	—	4	
Hensley, Louis T.	SJ0715	—	—	300026	812315	226	126	3	
Janson Development Co.	SJ0234	—	—	295549	812158	—	—	6	
Kjar, Roger	SJ0778	—	—	301330	812315	904	352	3	
Pacetti, Marvin	SJ0793	—	—	295410	812922	—	—	4	
Schwartz, Ron	SJ0797	—	—	301344	812301	—	—	3	
Smyly, Harold	SJ0746	—	497	294209	812928	—	—	—	
St. Augustine, City of	SJ0246	—	—	295501	811915	—	—	6	
St. Johns County	SJ0242	—	—	295655	812008	—	—	4	
St. Johns County	SJ0791	—	—	295644	812013	—	—	4	
Undetermined	SJ0716	—	—	295617	812230	—	—	6	
Undetermined	SJ0717	—	—	295621	812217	—	—	8	
Undetermined	SJ0789	100	77	300338	812219	—	—	4	
Vanosek, John	SJ0244	—	—	295319	811905	—	—	6	
Wetumpka Fruit Co.	SJ0684	—	—	294051	812951	—	—	6	
Wetumpka Fruit Co.	SJ0685	—	—	294048	812933	—	—	6	
Wetumpka Fruit Co.	SJ0686	—	—	294027	812951	—	—	6	
<b>Total</b>	<b>29</b>	<b>250</b>							
<b>Seminole County</b>									
A. Duda & Sons	S-1028	—	—	283903	811327	—	—	4	
A. Duda & Sons	S-1029	—	—	283904	811260	—	—	4	
A. Duda & Sons	S-1030	—	—	283855	811300	—	—	4	
A. Duda & Sons	S-1031	—	—	283852	811307	—	—	4	
A. Duda & Sons	S-0100	30	11	283858	811428	—	—	4	
A. Duda & Sons	S-0101	30	12	283901	811422	—	—	3	
A. Duda & Sons	S-0102	—	—	283902	811430	—	—	4	
A. Duda & Sons	S-0103	25	12	283905	811426	—	—	6	
Anderson, David	S-1191	—	—	284835	811918	—	—	2	
Anderson, M.D.	S-1177	5	256	284941	812041	—	—	2	
Austin, Carl	S-0764	—	—	284157	811003	—	—	—	
Ball, T.B.	S-1110	—	—	284835	811813	—	—	2	
Ball, T.B.	S-1111	—	—	284832	811804	—	—	3	



Appendix A—Inventory of Abandoned Artesian Wells

Table A6—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Bush, Rennie	S-1162	—	—	284813	811458	—	—	3	
Bush, Rennie	S-1163	—	—	284808	811453	—	—	3	
Cain, William, Trustee	S-0584	—	—	284945	812158	—	—	—	
Cameron City Grove Pln.	S-0516	—	—	284600	811257	—	—	2	
Cameron City Grove Pln.	S-0514	22	—	284548	811245	—	—	2	
Celery Farms	S-0504	30	372	284818	811453	—	—	2	
Celery Farms	S-0505	35	—	284804	811449	—	—	2	
Celery Farms	S-0519	—	—	284820	811449	—	—	3	
Celery Farms	S-0520	55	254	284817	811449	—	—	3	
Celery Farms	S-1115	—	—	284818	811436	—	—	3	
Celery Farms	S-1116	10	424	284814	811428	—	—	3	
Celery Farms	S-1117	—	—	284809	811428	—	—	4	
Celery Farms	S-1118	—	—	284807	811430	—	—	2	
Celery Farms	S-1119	—	—	284806	811429	—	—	3	
Celery Farms	S-1120	—	440	284806	811430	—	—	3	
Celery Farms	S-1124	—	—	284807	811435	—	—	3	
Celery Farms	S-1125	15	448	284806	811437	—	—	3	
Celery Farms	S-1126	—	—	284809	811438	—	—	3	
Celery Farms	S-1129	5	430	284812	811448	—	—	3	
Celery Farms	S-1130	10	442	284815	811448	—	—	3	
Celery Farms	S-1131	5	432	284818	811448	—	—	3	
Celery Farms	S-1132	10	513	284819	811451	—	—	3	
Celery Farms	S-1133	10	453	284813	811451	—	—	3	
Celery Farms	S-1134	15	347	284804	811451	—	—	3	
Celery Farms	S-1135	15	437	284808	811451	—	—	—	
Celery Farms	S-1136	10	315	284810	811451	—	—	2	
Celery Farms	S-1137	5	415	284824	811443	—	—	3	
Celery Farms	S-1138	15	380	284809	811443	—	—	3	
Celery Farms	S-1141	—	—	284803	811429	—	—	2	
Celery Farms	S-1143	—	—	284804	811448	—	—	3	
Celery Farms	S-1144	—	—	284806	811448	—	—	3	
Celery Farms	S-1145	—	—	284808	811448	—	—	2	
Celery Farms	S-1146	—	—	284815	811447	—	—	3	
Celery Farms	S-1147	—	—	284823	811451	—	—	3	
Celery Farms	S-1148	—	—	284806	811451	—	—	2	
Celery Farms	S-1149	—	—	284811	811451	—	—	3	
Celery Farms	S-1150	—	—	284806	811443	—	—	—	
Celery Farms	S-1151	—	—	284808	811443	—	—	3	
Celery Farms	S-1152	—	—	284817	811443	—	—	2	
Celery Farms	S-1153	—	—	284817	811443	—	—	3	
Celery Farms	S-1154	—	—	284819	811443	—	—	3	
Celery Farms	S-1175	—	—	284816	811430	—	—	3	
Celery Farms	S-0523	12	—	284811	811433	—	—	2.25	
Central Fla. Regional Hosp.	S-1001	—	—	284845	811706	—	—	2	
Cepuran, Bruce	S-1076	—	—	284841	811820	—	—	3	
Cepuran, Bruce	S-1075	—	—	284847	811824	—	—	2	
Cepuran, Bruce	S-1077	—	—	284841	811824	—	—	4	
Clark, A.	S-0813	—	920	284621	811224	—	—	3	
Clark, A.	S-0815	—	840	284614	811227	—	—	1	
Clark, A.	S-0817	—	840	284609	811248	—	—	4	

## Abandoned Artesian Wells: 1995

Table A6—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Clark, A.	S-0818	—	848	284611	811248	—	—	2	
Clark, A.	S-0819	—	896	284521	811548	—	—	3	
Clark, A.	S-0820	—	872	284612	811243	—	—	4	
Clark, A.	S-0821	—	—	284612	811236	—	—	2	
Clark, A.	S-0822	—	872	284618	811234	—	—	2	
Clark, A.	S-0814	—	904	284620	811226	—	—	4	
County right-of-way	S-0099	—	—	284404	811626	—	—	2	
Cullum	S-0527	—	—	284800	811350	—	—	2	
Dunn, Don	S-0677	—	—	284630	811238	—	—	2	
Dunn, Don	S-0678	—	—	284626	811252	—	—	2	
Dunn, Don	S-0680	—	—	284626	811249	—	—	2	
Dunn, Don	S-0681	—	—	284626	812447	—	—	—	
Dunn, Don	S-0682	—	—	284626	812445	—	—	2	
Dunn, Don	S-0683	—	—	284634	811252	—	—	2	
Dunn, Don	S-0684	—	1,056	284634	811247	—	—	2	
Dunn, Don	S-0685	—	1,186	284634	811245	—	—	2	
Dunn, Don	S-0686	—	1,088	284631	811239	—	—	1.5	
Dunn, Don	S-0687	—	1,150	284631	811241	—	—	2	
Dunn, Don	S-0688	—	—	284631	811243	—	—	—	
FDEP	S-0854	—	100	284634	812454	—	—	2	
FDEP	S-0855	—	71	284627	812455	—	—	2	
FDEP	S-0856	—	—	284625	812456	—	—	2	
FDEP	S-0857	—	—	284602	812458	—	—	2	
FDEP	S-0858	—	616	284558	812458	—	—	2	
FDEP	S-0859	—	161	284545	812457	—	—	2	
FDEP	S-0860	—	758	284535	812457	—	—	—	
FDEP	S-0861	—	—	284523	812458	—	—	2	
FDEP	S-0862	—	139	284519	812500	105	—	2	
FDEP	S-0863	—	516	284458	812508	27	—	—	
FDEP	S-0864	—	—	284443	812511	—	—	2	
FDEP	S-0865	—	530	284421	812517	38	—	1	
FDEP	S-0866	—	179	284341	812549	49	—	2	
FDEP	S-0867	—	123	284305	812616	—	—	—	
FDEP	S-0869	—	—	284315	812607	—	—	—	
FDEP	S-0870	—	—	284414	812519	—	—	2	
Florida DOT	S-1210	—	—	284122	811234	—	—	3	
Lawrence, B.L.	S-1081	—	—	284743	811324	—	—	2	
Lee, Robert E.	S-0283	—	—	283741	810318	380	102	14	
Leffler, Vincent	S-0614	—	—	284234	811702	—	—	1.5	
Leffler, Vincent	S-0617	—	—	284233	811642	—	—	8	
Lukas, Phil	S-0847	—	10	283856	811358	—	—	2	
Mrowczynski	S-1068	—	—	284159	811017	—	—	4	
Myers, Diana	S-1212	—	—	284838	811801	—	—	3	
Myers, Donald	S-1112	—	—	284509	811325	—	—	3	
Sanders, Richard	S-1168	—	—	284851	811809	—	—	3	
Sanders, Richard	S-1169	—	—	284759	811822	—	—	3	
Sanders, Richard	S-1171	—	—	284804	811821	—	—	3	
Sanders, Richard	S-1167	—	—	284801	811814	—	—	2	
Sanders, Richard	S-1170	—	—	284757	811815	—	—	3	
Sanders, Richard	S-1079	5	235	284811	811810	—	—	2	

Appendix A—Inventory of Abandoned Artesian Wells

Table A6—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Sanders, Richard	S-1080	5	673	284811	811814	—	—	3	
Sanders, Richard	S-1090	—	—	284812	811808	—	—	2	
Seminole County	S-0994	20	661	284800	811757	—	—	3	
Seminole County	S-1054	—	—	283842	811256	—	—	3	
Seminole County	S-1161	—	—	284755	811751	—	—	2	
Seminole County	S-1185	5	442	284749	811732	—	—	2	
SJRWMD	S-0045	—	15	284320	810900	37	27	2	
SJRWMD	S-0809	—	880	284602	811210	—	—	2	
SJRWMD	S-0810	—	832	284606	811109	—	—	—	
SJRWMD	S-0811	—	904	284546	811147	—	—	2	
SJRWMD	S-0812	—	—	284641	811133	—	—	2	
Sunniland Corp.	S-1121	—	—	284740	811428	—	—	6	
Sunniland Corp.	S-1123	—	—	284741	811434	—	—	3	
Sunniland Corp.	S-1139	5	330	284753	811435	—	—	3	
Sunniland Corp.	S-1156	—	—	284753	811439	—	—	3	
Sunniland Corp.	S-1157	—	—	284752	811430	—	—	—	
Sunniland Corp.	S-1158	—	—	284752	811429	—	—	2	
Tucker State Bank	S-0303	—	—	284543	811740	369	118	10	
Undetermined	S-0260	—	—	284154	811125	—	—	—	
Undetermined	S-0284	—	1,690	284008	810721	—	—	5	
Undetermined	S-0285	—	1,270	284025	810724	—	—	8	
Undetermined	S-0532	9	74	284949	811931	—	—	2.5	
Undetermined	S-0552	—	510	284800	811809	—	—	3	
Undetermined	S-0556	—	—	284920	811828	—	—	1.25	
Undetermined	S-0634	—	—	284827	811909	—	—	4	
Undetermined	S-0635	—	—	284825	811908	—	—	4	
Undetermined	S-0673	—	1,101	284725	811307	—	—	2	
Undetermined	S-0754	—	—	284201	811117	—	—	6	
Undetermined	S-0755	—	694	284811	811808	—	—	3	
Undetermined	S-0778	—	989	284155	811119	—	—	—	
Undetermined	S-0779	—	964	284155	811119	—	—	—	
Undetermined	S-0787	—	928	284430	811553	—	—	—	
Undetermined	S-0835	—	—	284750	811800	—	—	3	
Undetermined	S-0868	—	106	284308	812613	18	—	1	
Undetermined	S-0874	—	640	284744	811318	—	—	4	
Undetermined	S-0904	—	—	284716	811322	—	—	6	
Undetermined	S-0905	—	—	284712	811319	—	—	4	
Undetermined	S-0908	—	—	284811	811323	—	—	2	
Undetermined	S-0917	—	—	284801	811253	—	—	3	
Undetermined	S-0918	—	—	284758	811253	—	—	3	
Undetermined	S-0919	—	—	284749	811253	—	—	3	
Undetermined	S-0920	—	668	284749	811250	—	—	3	
Undetermined	S-0921	—	—	284744	811253	—	—	3	
Undetermined	S-0922	—	628	284744	811248	—	—	3	
Undetermined	S-0923	—	—	284756	811254	—	—	3	
Undetermined	S-0924	—	856	284753	811253	—	—	3	
Undetermined	S-0934	—	—	284638	811217	—	—	4	
Undetermined	S-0935	125	502	284638	811217	—	—	4	
Undetermined	S-0936	—	—	284815	811803	—	—	2	
Undetermined	S-0939	—	—	284814	811759	—	—	4	

Abandoned Artesian Wells: 1995

Table A6—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Undetermined	S-0940	—	—	284811	811759	—	—	4	
Undetermined	S-0943	—	—	284853	811845	—	—	2	
Undetermined	S-0944	—	—	284852	811845	—	—	2	
Undetermined	S-0945	—	—	284851	811845	—	—	2	
Undetermined	S-0946	—	18	284850	811845	—	—	4	
Undetermined	S-0947	—	—	284849	811845	—	—	3	
Undetermined	S-0961	—	—	284849	811813	—	—	3	
Undetermined	S-0962	—	—	284803	811757	—	—	3	
Undetermined	S-0995	—	—	284817	811757	—	—	2	
Undetermined	S-0998	—	—	284754	811507	—	—	2	
Undetermined	S-0999	—	—	284804	811341	—	—	3	
Undetermined	S-1005	25	258	284818	811818	—	—	4	
Undetermined	S-1013	5	—	284211	811528	—	—	2	
Undetermined	S-1086	—	—	284813	811817	—	—	3	
Undetermined	S-1114	—	—	284818	811437	—	—	3	
Undetermined	S-1190	—	—	284146	801119	—	—	—	
Undetermined	S-1203	—	—	284709	812130	—	—	2	
Undetermined	S-1204	—	—	284709	812132	—	—	2	
Weaver, Donald	S-0982	—	—	284140	811226	—	—	4	
Wheeler Company	S-0558	—	45	283912	811250	—	—	6	
Wheeler Company	S-0559	—	—	283912	811257	—	—	4	
Wheeler Company	S-0566	—	312	284027	811007	—	—	2	
Wheeler, Frank	S-1087	—	8	283743	811320	—	—	4	
Wheeler, Frank	S-1088	—	35	283809	811318	—	—	4	
Wheeler, Frank	S-1089	—	27	283812	811318	—	—	—	
Wheeler, Frank	S-1091	—	—	283815	811327	—	—	6	
Wheeler, Frank	S-1092	—	—	283821	811326	—	—	4	
Wheeler, Frank	S-1093	—	—	283813	811325	—	—	4	
Wheeler, Frank	S-1094	—	—	283814	811325	—	—	4	
Wheeler, Frank	S-1095	—	—	283804	811324	—	—	4	
Wheeler, Frank	S-1096	—	—	283800	811324	—	—	4	
Wheeler, Frank	S-1097	—	—	283806	811324	—	—	4	
Wheeler, Frank	S-1098	—	—	283806	811319	—	—	4	
Wheeler, Frank	S-1099	—	—	283748	811319	—	—	6	
Wheeler, Frank	S-1100	—	—	283819	811319	—	—	4	
Wheeler, Frank	S-1101	—	—	283826	811323	—	—	4	
Wheeler, Frank	S-1102	—	—	283820	811330	—	—	4	
Wheeler, Frank	S-1103	—	—	283816	811316	—	—	4	
Willis, Tony	S-0845	—	—	283829	811503	—	—	4	
York, Charles	S-1082	—	—	284534	811321	—	—	2	
<b>Total</b>	<b>203</b>	<b>573</b>							
<b>Volusia County</b>									
Deltona Corp.	V-0499	—	—	285502	811302	—	—	10	
Florida Power & Light	V-0778	—	—	290121	805730	—	—	—	
Florida Power & Light	V-0779	—	—	290119	805731	—	—	6	
Keeling, Allen	V-0598	—	432	285049	811920	—	—	1	
SJRWMD	V-0337	—	—	291502	813032	180	97	4	
Stewart, T.B.	V-0792	—	—	285916	811503	—	—	1.5	
Stone Island Homeowners	V-0515	—	620	285052	811345	—	—	2	
Stone Island Homeowners	V-0061	—	—	285042	811408	—	—	8	

Appendix A—Inventory of Abandoned Artesian Wells

Table A6—Continued

Well Owner	Well ID	Flow (gpm)	CHL (ppm)	Latitude	Longitude	Total Depth	Cased Depth	Well Diam	Comments
Stone Island Homeowners	V-0093	—	—	285044	811401	—	—	3	
Undetermined	V-0532	50	70	291503	810718	—	—	4	
Undetermined	V-0032	—	—	285144	811458	—	—	8	
Undetermined	V-0073	20	13	285213	811655	—	—	—	
Undetermined	V-0158	—	987	290030	812253	—	—	4	
Undetermined	V-0328	—	—	291432	812854	139	6	3	
Undetermined	V-0498	10	50	290513	810247	—	—	3	
Undetermined	V-0518	—	19	285610	810509	—	—	1.5	
Undetermined	V-0587	—	—	285221	811750	—	—	3	
Undetermined	V-0588	—	—	285221	811750	—	—	3	
Undetermined	V-0589	—	—	285136	811447	—	—	2	
Undetermined	V-0607	—	187	285401	805450	—	—	4	
Undetermined	V-0708	—	—	291439	813058	—	—	2	
<b>Total</b>	<b>21</b>	<b>80</b>							
<b>St. Johns River Water Management District Total</b>	<b>581</b>	<b>4,191</b>							

- Note:
- = unknown
  - AFB = Air Force base
  - BHR = Bessent, Hammack & Ruckman, Inc.
  - DOT = Department of Transportation
  - FDEP = Florida Department of Environmental Protection
  - GDC = General Development Corporation
  - IR = Indian River
  - MC = mosquito control
  - NASA = National Aeronautics and Space Administration
  - Pin. = Plantation
  - SCL = Seaboard Coast Line
  - SJRWMD = St. Johns River Water Management District
  - USDA = United States Department of Agriculture
  - WR = wildlife refugee

**Abandoned Artesian Wells: 1995**

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**APPENDIX B—CONTRACTUAL AND COOPERATIVE  
AGREEMENTS**

**Abandoned Artesian Wells: 1995**

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Agreement Number 95D101

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

THIS AGREEMENT is made and entered into this 14<sup>th</sup> day of December, 1994, by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT, P. O. Box 1429, Palatka, FL 32178-1429 (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 or repair abandoned artesian wells for 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 Schedule; Agreement; Performance Bond; General Conditions; and Special Conditions.

ARTICLE I - THE PROJECT

The CONTRACTOR shall plug or repair abandoned artesian wells for the St. Johns River Water Management District, as described in Section 6 - Special Conditions according to Work Order authorizations issued by the DISTRICT Project Manager.

ARTICLE II - RESPONSIBILITIES OF THE CONTRACTOR

- A. The CONTRACTOR shall begin the project as described in Section 6 - Special Conditions, Exhibit "A", attached hereto and by reference made a part hereof, upon receipt of a written Notice to Proceed from the DISTRICT. All work shall be based on a series of Work Orders issued by the DISTRICT's Project Manager throughout the term of this Agreement.
- B. The CONTRACTOR is responsible for the professional quality, technical accuracy, and timely completion of the work.
- C. The CONTRACTOR agrees to make payment of all proper charges for labor and material required

in the work, and to defend, indemnify, and hold harmless the DISTRICT and all of its officers, agents and employees against and from all damages to which DISTRICT or any of its officers, agents and employees may be put, by reason of injury to the persons or property of others resulting from performance of the work, or through the negligence of CONTRACTOR, or through any improper or defective machinery, implements or appliances used by CONTRACTOR in the work or through any act or omission on the part of CONTRACTOR, CONTRACTOR's officers, agents and employees or any other person or entity for whom the CONTRACTOR is responsible.

D. The CONTRACTOR represents that he 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 his Florida Water Well Contractor License current 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 termination of this agreement.

#### ARTICLE III - RESPONSIBILITIES OF THE DISTRICT

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

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 - WORK ORDERS AND REQUIRED REPORTS

Work Orders: The DISTRICT project manager shall issue written authorization in the form of a Work Order before work is to begin. Each Work Order shall describe the location, physical description

of the work and the specified time for completion of that Work Order.

If the CONTRACTOR fails or defaults in completing the Work Order during the specified time for completion as stated on the Work Order, then CONTRACTOR shall reimburse DISTRICT, as liquidated damages, for each calendar day elapsing between the date specified for completion and the actual date of such completion, the sum of Fifty Dollars (\$50) per calendar day. Said funds shall be deducted from the invoice submitted for that Work Order.

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 time earned and materials used. Well Construction Completion Reports as described in Chapter 40C-3.411, FAC, shall also be submitted by the CONTRACTOR for all wells.

#### ARTICLE V - SCHEDULE OF WORK AND TERM

The term of this Agreement is 12 months from receipt of the Notice to Proceed. The CONTRACTOR shall complete the work as set forth in the Special Conditions according to the Work Orders as issued by the Project Manager. This Agreement shall expire at midnight on the sixtieth day after the contract completion date as established by the Notice to Proceed. Time is of the essence in 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 Bid Schedule in an amount not-to-exceed Two Hundred Fifty Thousand Dollars (\$250,000). Payment for all work associated with this project shall be made only upon receipt of Daily Summary Sheets and acceptance of same by the DISTRICT's Project Manager.
- B. Invoicing Procedure: CONTRACTOR shall submit an itemized invoice at the conclusion of each Work Order to the Director of Finance and Accounting, P. O. Box 1429, Palatka, FL 32178-1429 referencing Agreement Number 95D101. The invoices shall correlate with each Work Order issued by the DISTRICT. DISTRICT Daily Summary Sheets and the Well Completion Reports for all wells on each Work Order shall be completed and submitted with each invoice.
- C. Payments: DISTRICT shall pay CONTRACTOR ninety percent (90%) of each approved invoice within thirty (30) calendar days of presentation. DISTRICT shall retain ten percent (10%) of each approved invoice amount until the anniversary date of the Contract when the CONTRACTOR shall invoice the DISTRICT for the retainage accumulated to date. 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

CONTRACTOR shall indemnify and hold harmless, release and forever discharge the DISTRICT, its public officers, employees, agents, representatives, successors and assigns of all liabilities, claims, actions damages, costs or expenses, and attorneys' fees which the CONTRACTOR may have against the DISTRICT arising out of or in any way connected with this Agreement and resulting from damages to property, personal injury, or loss of life. The CONTRACTOR understands that this indemnification includes any claims based on partial or sole negligence, action or inaction of the CONTRACTOR, its employees, subcontractors, representatives, successors and assigns, and includes any claims based on partial or sole negligence, action or inaction of the DISTRICT, its public officers, employees, agents, representatives, successors and assigns.

If the CONTRACTOR fails 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 itself 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.

Pursuant to sec. 725.06, Fla. Stat., the special consideration for this contract is 1% of the contract price for the above indemnifications.

The CONTRACTOR agrees to make payment of all proper charges for labor and materials required in the aforementioned work and 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 - CONFLICTING EMPLOYMENT

CONTRACTOR agrees that at the time of execution of this contract, it has no retainer or employment agreement, oral or written, with any third party relating to any matters which adversely affect any interest or position of DISTRICT. CONTRACTOR shall not accept during the terms of this contract any retainer or employment from a third party whose interest appears to be conflicting or inconsistent with those of DISTRICT.

Notwithstanding the foregoing paragraph, CONTRACTOR may accept retainers from or be employed by third parties whose interest appear conflicting or inconsistent with those of the DISTRICT if, after full written disclosure of the facts to DISTRICT, DISTRICT determines that the apparent conflict shall not interfere with the performance of the work by the CONTRACTOR.

ARTICLE X - AUDIT: ACCESS TO RECORDS

A. CONTRACTOR agrees that DISTRICT or its duly authorized representatives shall, until the expiration of three (3) years after expenditure of funds under this Agreement, have access to examine any of CONTRACTOR'S books, documents, papers, and records involving transactions related to this Agreement. CONTRACTOR agrees that payment(s) made under this Agreement shall be subject to reduction for amounts charges which are found on the basis of audit examination nor to constitute allowable costs.

B. CONTRACTOR shall refund by check, payable to DISTRICT, the amount of any reduction of payments. All required records shall be maintained until an audit has been completed and all questions arising from it are resolved or until three (3) years after completion of the work and submission of a final invoice, whichever is sooner. CONTRACTOR will provide proper facilities for access to and inspection of all required records.

ARTICLE XI - 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 Chair, 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: *Patricia T. Harden*  
Patricia T. Harden, Chair

Attest: *[Signature]*  
(CORPORATE SEAL)

Attest: *William Segal*  
William Segal, Secretary  
(SEAL)

APPROVED AS TO FORM  
*John W. Williams*  
John W. Williams, Senior Assistant General Counsel

SECTION 6 - SPECIAL CONDITIONS

INTRODUCTION

The objectives of this project are to prevent the contamination of water, the uncontrolled flow of water from wells, and to prevent interaquifer flow of water through well bores.

SC-01 DESCRIPTION OF WORK

The work contained in this project includes all labor, equipment, and supervision to plug or repair uncontrolled artesian wells. Well-plugging or repair shall be accomplished in accordance with the methods described herein. The methods to be employed for individual wells shall be described in each Work Order issued throughout the life of the agreement.

SC-02 LOCATION

The well sites for this project are generally within the DISTRICT'S geographical boundaries which include the following counties:

Indian River, Brevard, Okeechobee, Osceola, Seminole, Lake, Orange, Polk, Volusia, Flagler, St. Johns, Putnam, Duval, Nassau, Baker, Clay, Alachua, Marion and Bradford counties or portions thereof.

SC-03 MATERIALS AND EQUIPMENT TO BE FURNISHED BY THE CONTRACTOR

The CONTRACTOR shall provide the following:

- 1) All well plugging materials required under each work order. The DISTRICT, however, may elect to supply the CONTRACTOR with well plugging materials.
- 2) One complete drilling rig capable of reaming out boreholes and grouting boreholes up to 2000 feet in depth, and diameters of 2" to 14"; all tools, bits, and accessories associated with the specific type of drilling equipment;
- 3) All tremie pipe as needed to emplace cement from the bottom of the borehole;
- 4) A positive pressure pump capable of pumping cement slurry at a minimum density of 14.4 pounds per gallon;
- 5) Support vehicles capable of transporting cement, water and personnel. At a minimum, this will include one truck capable of transporting 120 sacks of cement and 500 gallons of water and one four wheel drive pick-up truck to transport personnel, tools and trash from the sites.

The CONTRACTOR shall maintain the equipment in good operating condition for the life of the agreement. Judged on the basis of work completed, if the DISTRICT determines by written notice to the CONTRACTOR that the equipment is considered unsatisfactory, the CONTRACTOR shall have a period of ten (10) days in which to replace or repair the unsatisfactory equipment to the satisfaction of the DISTRICT.

SC-04 STORAGE OF EQUIPMENT AND MATERIALS

The CONTRACTOR shall provide adequate facilities for proper storage of materials, tools, and equipment, and it shall be the responsibility of the CONTRACTOR to provide locked storage and sufficient guards to protect such materials, tools and equipment against pilferage. The DISTRICT shall not assume any responsibility for loss of or damage to any tools, materials or equipment in the work area.

SC-05 MAINTAINING THE WORK AREA

The CONTRACTOR shall clear from within the limits of the work area, all objectionable debris in order to properly conduct the work operations. The work area shall at all times be kept free from accumulation of waste material or rubbish; and tools, equipment, and materials shall be removed from, on, or about the premises.

The CONTRACTOR shall coordinate with individual well owners to ensure that work sites are left in an acceptable condition. The DISTRICT may elect to withhold payments until the DISTRICT Project Manager and the owner jointly agree that a particular site is considered acceptable. A site shall be left in as good or better condition as when the CONTRACTOR arrived. Upon completion of the work specified herein, and before acceptance and final payment, the CONTRACTOR shall remove all machinery, equipment, surplus, and discarded materials, rubbish, and miscellaneous debris from the site, as specified in the General Conditions. Material cleared from the site and deposited on adjacent property will not be considered as having been disposed of satisfactorily.

Any salvaged material not specified to be disposed of otherwise, shall become the property of the CONTRACTOR and shall be removed from the site.

SC-06 WORK SCHEDULE

Unless specified by the DISTRICT, no work shall be done on official DISTRICT holidays or non-working days. At the beginning of the work, the CONTRACTOR and the DISTRICT shall mutually agree on a schedule of work hours to be followed. If certain phases of work on a well must be continued into the hour of darkness, sufficient lighting shall be provided by the CONTRACTOR so that work may be carried out in a safe and efficient manner. If the schedule of work hours is to be changed, the DISTRICT and the CONTRACTOR shall mutually agree to such change 24 hours in advance of such change. Any change in the work schedule shall be confirmed in writing.

SC-07 WORK ORDER

The DISTRICT Project Manager shall issue written authorization in the form of a Work Order before any work is to be done. Each Work Order shall describe the location, time frames, and physical description of the work to be accomplished. CONTRACTOR shall not proceed with any work prior to the receipt of a written Work Order. Work Orders shall be organized to concentrate wells in a limited geographical area. It is the DISTRICT'S intent to design each Work Order so there is a minimum of one week or a maximum of three weeks per Work Order. The number of wells that are listed on each Work Order may vary.

All wells included in a Work Order shall be completed and accepted by the DISTRICT within 21 days of commencement of work unless otherwise authorized by the DISTRICT'S Project Manger. CONTRACTOR shall consult with the Project Manager for inspection and tentative approval of the work quality being accomplished.

SC-08 WELL PERMITS

No DISTRICT well construction permits shall be required, but the CONTRACTOR shall be required to provide DISTRICT Well Completion Reports as required by 40C-3, FAC to the Project Manger for each well that is plugged or repaired. The CONTRACTOR shall be responsible for obtaining any other non-DISTRICT permits such as are required in Duval, St. Johns and Volusia counties for well plugging projects.

SC-09 PERMITS, CERTIFICATES, LAWS, AND ORDINANCES

The CONTRACTOR shall, at his own expense, procure and maintain current and valid permits, certificates, and licenses required by law for execution of his work, including the State of Florida License for Water Well Contractors. The CONTRACTOR shall comply with all laws, ordinances, rules, and regulations relating to the performance of the work.

SC-10 BOUNDARIES OF WORK - INGRESS AND EGRESS

The DISTRICT shall obtain easements for the work specified. The CONTRACTOR shall not enter on or occupy any area with employees, tools, equipment or materials, outside the designated easement. DISTRICT employees, agents of the DISTRICT, and employees of the Florida Department of Environmental Protection (DEP) may, for all necessary purposes, enter upon the work area used by the CONTRACTOR.

SC-11 MOBILIZATION AND SITE CLEAN-UP

The CONTRACTOR shall be responsible for loading and transporting all necessary labor, equipment, and materials to and from the well sites included in each Work Order.

Mobilization includes all acts necessary to transport all equipment, materials and personnel both to and



from the sites that are listed on each Work Order. This also includes time spent visiting sites before work begins if the CONTRACTOR wants to assess site conditions and specific requirements. There is only one mobilization for each Work Order.

Site clean-up includes all acts necessary to restore the well sites on each Work Order. Clean-up includes cutting off well casings to below grade, the removal of well heads and appurtenances, cement, rubbish, debris, and surplus materials.

#### SC-12 WELLHEAD REPAIR AND PUMP REMOVAL

This element includes equipment and labor necessary to make minor repairs to the wellhead such as installing a valve or other approved flow control system and removing pumps from the well. Payment to the CONTRACTOR shall be made based on the time the CONTRACTOR arrives on site with all appropriate materials and begins the actual repair of work, and shall end when the appropriate materials are installed. However, the CONTRACTOR shall not be paid during non-work time, from the end of one work day to the beginning of the next work day, delays due to the failure or lack of required equipment, or delays in the weather. Payment shall be made based on half hour intervals.

The materials that may be required shall be documented on the Contractor Daily Summary sheets by the DISTRICT field representative and the CONTRACTOR. It is the CONTRACTOR'S responsibility, with prior approval from the DISTRICT, to determine what materials will be needed to repair the well(s).

#### SC-13 FURNISH AND INSTALL CEMENT GROUT FOR WELL PLUGGING

Cement grout for this element shall be American Concrete Institute Type I or Type II Portland cement mixed to a minimum density of 14.4 pounds per gallon. Installation of the cement shall include all labor, equipment (including tremie pipe) and needed to install the grout in the wells. The primary method for this will be the backfilling method. This consists of inserting tremie pipe to within 20 feet of the total depth of the well and pumping cement slurry until cement flows out of the well casing at the surface. This can be done in one pumping or in stages. Variations from this method will require DISTRICT authorization. In some cases it may be necessary to install a plug to bridge certain areas in a well. A bridge plug may consist of packers, aggregate cement baskets or grout socks. Once the plug is installed, the BACKFILLING method will be used.

Pressure grouting for the surface will only be done when tremie pipe cannot be inserted into the well.

#### SC-14 DRILLING TIME

Rig time for this project is the actual time during which the CONTRACTOR shall be required, when authorized, to employ labor or equipment in order to perform the required work. The job site is defined as the actual well site or the work location designated by the DISTRICT for each day of the Work Order. When several sites are worked on under one Work Order, rig time shall not be paid for mobilizing from site to site. Such rig time shall include, but not be limited to, drilling out obstructions

## Abandoned Artesian Wells: 1995

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in the casing or borehole, or installing liner casing as described below. Rig time specifically shall not include time to repair or otherwise make workable, equipment employed by the CONTRACTOR in the execution of the work.

Due to the unpredictable nature of this work, payment shall be made based on a per hour unit price. This hourly rate shall constitute full payment for all drilling services, equipment, material, and personnel required to perform the work. All required materials shall be maintained on site in order to avoid disruption of work in progress.

The hourly rate shall begin at the time the CONTRACTOR begins drilling operations at the site and when drilling operations cease. However, the contractor shall not be paid during non-work time, from the end of one work day to the beginning of the next work day, delays due to the failure or lack of required equipment, or delays in the weather. Payment shall be made based on half-hour intervals.

### SC-15 FURNISH AND INSTALL GRAVEL

Material for this element shall consist of crushed limestone (57 sieve, 3/4" or less in diameter). Installation will consist of emplacing limestone in intervals of a borehole to bridge cavity zones. This can be done by shoveling gravel into the borehole and tagging the depth of fill with tremie pipe or other methods as approved by the District Project Manager.

### SC-16 SITE ACCESS

Most well sites are considered to be accessible by standard truck-mounted drilling and/or grouting equipment. At these sites, the base rate mobilization fee shall apply to the Work Order. If a particular well is clearly identified to present unusual access problems, the CONTRACTOR shall be instructed in the Work Order on how to proceed with access for that site. The DISTRICT Project Manager may authorize the CONTRACTOR to provide additional equipment needed for access. Charges for this additional equipment shall be agreed upon before any work begins, and shall be listed on the Contractor Daily Summary Sheet.

### SC-17 MATERIALS

All cement shall be American Concrete Institute Portland Type I or Type II concrete. All references to this refer to a standard 94 pound sack.

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.

Appendix B—Contractual and Cooperative Agreements

Section - 3 - BID SCHEDULE

IFB NUMBER - 95D101

Date: NOVEMBER 28, 1994

Bid to be Opened at 2 P.M. on November 28, 1994

To: St. Johns River Water Management District

From: O. E. SMITH'S SONS, INC.

In accordance with the advertisement inviting Bids for the plugging or repairing of wells for the St. Johns River Water Management District, subject to the General Conditions, Special Conditions, Addenda, and other Contract Documents, all of which so far as they relate to the Bid, are made part thereof, the undersigned proposes to perform the specified work for the costs contained in the following schedule.

INSTRUCTIONS: Fill in the unit costs for items 1, 2, 3, 4, and 5, multiply the unit cost by the estimated number of units for the total cost for each item. Add the total costs for items 1 through 5 for the Total Sum Bid. Award of the bid will be determined by the total cost of items 1 through 5. Complete the list for equipment to be used on the project and state all pertinent well plugging experience.

ITEM #	DESCRIPTION	ESTIMATED UNITS	UNIT COST	TOTAL COST
1.	Mobilization and Site Cleanup as per SC-11 (One Per Work Order) .....	30 X	\$ <u>1,500.00</u>	= \$ <u>45,000.00</u>
2.	Wellhead Repair and Pump Removal per hour as per SC-12.....	50 X	\$ <u>50.00</u>	= \$ <u>2,500.00</u>
3.	Furnish and Install Cement Grout per 94# bag as per SC -13 .....	17,000 X	\$ <u>12.00</u>	= \$ <u>204,000.00</u>
4.	Drilling Rig Time per hour as per SC-14.....	200 X	\$ <u>145.00</u>	= \$ <u>29,000.00</u>
5.	Furnish and install gravel (per cubic yard) per SC-15.....	50 X	\$ <u>20.00</u>	= \$ <u>1,000.00</u>
TOTAL SUM BID (Add unit costs for Items 1 through 5).....				\$ <u>281,500.00</u>

TOTAL SUM BID (WRITTEN): TWO HUNDRED EIGHTY-ONE THOUSAND, FIVE HUNDRED

\_\_\_\_\_ Dollars and \_\_\_\_\_ NO \_\_\_\_\_ Cents.

NOTES: The estimated units are based on the hours worked and average annual utilization rates of time and materials. At the discretion of the District the number of wells, the number of work orders, hours of pump removal time, bags of cement and bentonite and hours of drilling time may be increased or decreased. The number of wells to be plugged or repaired will ultimately depend on the results of the bids submitted. The unit costs shall be in effect for all Work Orders throughout the term of this Agreement including any renewals or amendments.

Bidders shall submit written information of their drilling equipment, support vehicles, and slurry pumps which clearly indicates conformity to the requirements of Section 6 - Special Conditions. Said information shall be used by the District to determine the responsiveness of the bidder. (See Section 1 - Instructions to Bidders - Numbers 12 and 13 - Rejection of Irregular Bids and Basis of Award of Contract, for additional information.)



CONTRACT NO. 92D111

FOURTH AMENDMENT TO  
AGREEMENT BETWEEN THE  
DISTRICT AND THE  
BOARD OF COUNTY COMMISSIONERS OF BREVARD COUNTY

THIS AMENDMENT is made and entered into this 10th day of  
January 1995, by and between the GOVERNING BOARD of the ST. JOHNS  
RIVER WATER MANAGEMENT DISTRICT (hereinafter the DISTRICT) and the  
BOARD OF COUNTY COMMISSIONERS OF BREVARD COUNTY (hereinafter the  
COUNTY).

WHEREAS on January 21, 1992, the DISTRICT and the COUNTY entered into  
an Agreement to control abandoned artesian wells within the boundaries of Brevard  
County and pay fifty percent (50%) each of the total costs incurred for the plugging or  
reconstruction of wells located in Brevard County; and

WHEREAS the parties agree to renew the terms and conditions of the Agreement  
and subsequent Amendments 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. ARTICLE II - DURATION OF THE CONTRACT - shall read as follows:  
This Agreement shall expire September 30, 1995.
2. ARTICLE III - RESPONSIBILITIES OF DISTRICT - add the following after  
Paragraph F:  
G - 3. The DISTRICT shall obligate for the purposes of this Amendment Twenty  
Thousand Dollars (\$20,000.00) for the services of a licensed water-well contractor to  
control abandoned artesian wells in the mosquito control and non-mosquito control  
areas of Brevard County, Florida.

Abandoned Artesian Wells: 1995

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

E - 3. The COUNTY shall obligate for the purposes of this Amendment, Five Thousand Dollars (\$5,000.00) to control abandoned artesian wells in the mosquito control areas and Fifteen Thousand Dollars (\$15,000.00) for the non-mosquito control areas of Brevard County, Florida.

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

BOARD OF COUNTY COMMISSIONERS  
BREVARD COUNTY

By: Nancy N. Higgs  
Nancy N. Higgs, Chairman

ST. JOHNS RIVER WATER  
MANAGEMENT DISTRICT

By: Patricia T. Harden  
Patricia T. Harden, Chair

AS APPROVED BY THE BOARD ON 1-10-95

Attest: Sandy Crawford  
Clerk to the Board  
Sandy Crawford

(SEAL)

Attest: William Segal  
William Segal, Secretary

(SEAL)

LEGAL FORM APPROVED BY OFFICE OF GENERAL COUNSEL

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

CONTRACT NO. 91D145

RENEWAL OF AGREEMENT

THIS RENEWAL is made and entered into this 19<sup>th</sup> day of September 1994, 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 with both parties obligating Ten Thousand Dollars each; 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, entered into between the DISTRICT and the CITY are hereby renewed until September 30, 1995, at which time the DISTRICT and the CITY may elect to renew the terms of the Agreement on an annual basis.
2. The CITY shall obligate a maximum of \$10,000 for fiscal year 1994/95. Said identical amount is budgeted and will be matched by the DISTRICT. CITY funds retained by the DISTRICT are credited against the remaining balance.

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

CITY OF JACKSONVILLE

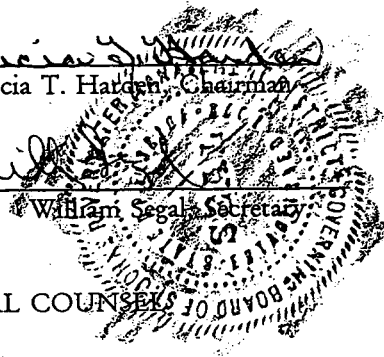
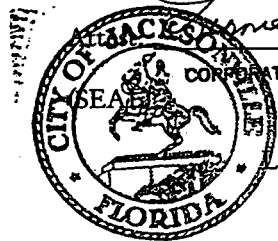
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

By: [Signature]  
MAYOR

By: [Signature]  
Patricia T. Hardesty, Chairman

[Signature]  
CORPORATION SECRETARY

Attest: [Signature]  
William Segala, Secretary  
(SEAL)



LEGAL FORM APPROVED BY OFFICE OF GENERAL COUNSEL

[Signature]  
John W. Williams, Senior Assistant General Counsel

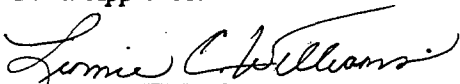
Abandoned Artesian Wells: 1995

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

  
\_\_\_\_\_  
Director of Administration and Finance

Form Approved:

  
\_\_\_\_\_  
Assistant General Counsel



CONTRACT NO. 90D138

FIFTH 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 19 day of September 1994, 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

WHEREAS the parties desire to amend said Agreement to continue 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. ARTICLE II - DURATION OF THE CONTRACT - add the following:

Under the terms of this amendment, this agreement is extended to and expires on September 30, 1995.

2. ARTICLE III - RESPONSIBILITIES OF THE DISTRICT - add the following:

B. For the purposes of this amendment, the DISTRICT shall obligate

Abandoned Artesian Wells: 1995

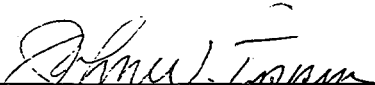
Fifteen Thousand Dollars (\$15,000.00) for controlling abandoned artesian wells in Indian River County, Florida.


3. ARTICLE IV - RESPONSIBILITIES OF THE COUNTY - add the following:
- D. For the purposes of this amendment, the COUNTY shall obligate a total of Fifteen Thousand Dollars (\$15,000.00) for controlling abandoned artesian wells in Indian River County, Florida. Said funds shall be equally divided between Indian River County and Indian River County Utilities.

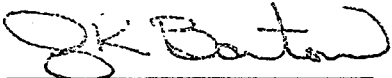
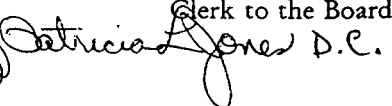
The DISTRICT and the COUNTY agree that all other terms and conditions of the existing Agreement are hereby ratified and continue in full force and effect.

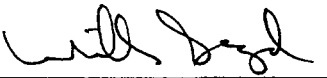
BOARD OF COUNTY COMMISSIONERS  
OF INDIAN RIVER COUNTY

ST. JOHNS RIVER WATER  
MANAGEMENT DISTRICT

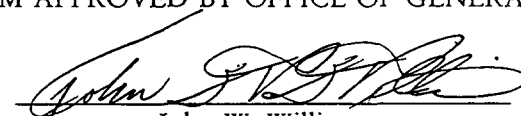
By:   
JOHN W. TIPPIN, Chairman  
Board approved - 10/14/94

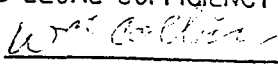
By:   
Patricia T. Harden, Chair

Attest:   
Clerk to the Board  
By:   
(SEAL)

Attest:   
William Segal, Secretary  
(SEAL)

LEGAL FORM APPROVED BY OFFICE OF GENERAL COUNSEL

  
John W. Williams  
Senior Assistant General Counsel

APPROVED AS TO FORM  
AND LEGAL SUFFICIENCY  
BY   
WILLIAM G. COLLINS II  
DEPUTY COUNTY ATTORNEY

Contract No. 93D205

SECOND AMENDMENT TO AGREEMENT BETWEEN  
THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT  
AND SEMINOLE COUNTY

THIS AMENDMENT is entered into this 19<sup>th</sup> day of September 94, by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (hereinafter the DISTRICT) and SEMINOLE COUNTY (hereinafter the COUNTY).

WITNESSETH:

WHEREAS, the DISTRICT and the COUNTY entered into an Agreement on August 17, 1993, for the purpose of controlling abandoned artesian wells within the boundaries of Seminole 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, the receipt of which is hereby acknowledged, the DISTRICT and the COUNTY hereby agree as follows:

1. ARTICLE I - DURATION OF CONTRACT - Add the following:

This Agreement shall be effective upon the full execution thereof and shall continue until September 30, 1995.

2. ARTICLE III - RESPONSIBILITIES OF THE DISTRICT - Paragraph B - Add the following:

B. The DISTRICT shall obligate, for the purposes of this second amendment, Thirty Five Thousand Dollars (\$35,000) for controlling abandoned artesian wells in

Seminole County, Florida. The DISTRICT is responsible for 50% of the costs associated with the plugging or reconstruction of wells located in Seminole County.

3. ARTICLE IV - RESPONSIBILITIES OF THE COUNTY - Paragraph A - Add the following:


A. The COUNTY shall obligate, for the purposes of this amendment, Thirty Five Thousand Dollars (\$35,000) for controlling abandoned artesian wells in Seminole County, Florida. The COUNTY is responsible for 50% of the costs associated with the plugging or reconstruction of wells located in Seminole County.


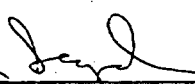
The DISTRICT and the COUNTY agree that all other terms and conditions of the existing Agreement are hereby ratified and continue in full force and effect.

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



ST. JOHNS RIVER WATER  
MANAGEMENT DISTRICT

SEMINOLE COUNTY

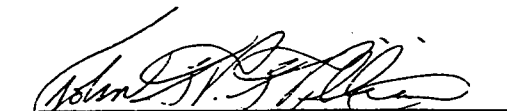
By:   
Patricia T. Harden, Chair

   
William Segal, Secretary

By:   
Dick Van Der Weide, Chairman

Attest:   
(SEAL) 

FORM APPROVED

  
John W. Williams  
Assistant Senior General Counsel

CONTRACT NO. 90D128

RENEWAL OF MEMORANDUM OF UNDERSTANDING

THIS RENEWAL is made and entered into this 19<sup>th</sup> day of September 1997, by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (hereinafter the DISTRICT) and the STATE AGRICULTURAL STABILIZATION 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 within the boundaries of the St. Johns River Water Management District and the MOU has been amended yearly since that time; and

WHEREAS the parties agree to renew the terms and conditions of the MOU as provided in Paragraph C. 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, 1995, at which time the DISTRICT and the COMMITTEE may elect to renew the terms of the MOU on an annual basis as provided in Paragraph C. 5. of said MOU.
2. The cost share as stated in the original MOU provides for the COMMITTEE to fund 75% of the amount invoiced or \$3,500, whichever is less, with agricultural producers eligible for no more than \$3,500 yearly per owner. The DISTRICT is to fund 25% of the invoiced amount.

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

STATE AGRICULTURAL STABILIZATION AND CONSERVATION COMMITTEE

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

By: M. Wilson  
Chairperson, FL St. ASC Com.

By: Patricia T. Harden  
Chair

Attest: Larry D. Melhorn  
State Executive Director

Attest: William S. ...  
William S. ...

(SEAL)

(SEAL)

LEGAL FORM APPROVED BY OFFICE OF GENERAL COUNSEL

John W. Williams, Sr.  
John W. Williams, Sr. Asst. General Counsel  
Office of General Counsel



**APPENDIX C—SJRWMD ABANDONED ARTESIAN WELL  
PLUGGING PROGRAM**





**Outline of Cost-Share Guidelines for  
Abandoned Artesian Well Plugging Agreements**

**Case I wells on residential property**

- I. Single or multiple family residence with qualifying homestead exemption:
  - A. If the total estimated plugging costs of the agreement are less than or equal to \$10,000: the agreement is contingent upon Executive Director approval, and the well owner's share is 50% of the costs of each well or \$600 per well, whichever is less.
  - B. If total estimated plugging costs of agreement range from \$10,000 to \$20,000: the agreement is contingent upon Governing Board approval, and the well owner's share is 50% of the costs of each well up to a maximum of \$600 per well provided that contractor related plugging costs for a single well exceed \$10,000, the owner's share for that well is \$600 plus 50% of the costs over \$10,000.
- II. Single or multiple family residence with no qualifying homestead exemption:
  - A. If total estimated plugging costs of the agreement are less than or equal to \$10,000: the agreement is contingent upon Executive Director approval, and the well owner's share is 50% of the costs of each well.
  - B. If total estimated plugging costs of agreement range from \$10,000 to \$20,000: the agreement is contingent upon Governing Board approval, and the well owner's share is 50% of the costs of each well.
- III. If the total estimated plugging costs exceed \$10,000: the agreement is subject to Governing Board approval, and terms and conditions of a cooperative cost share agreement will be negotiated on a case-by-case basis.

**Case II wells on non-residential property including, but not limited to: commercial, industrial, agricultural uses, and including utilities (public or private).**

- I. If the total estimated plugging costs of the agreement are less than or equal to \$10,000: the agreement is contingent upon Executive Director approval and the well owner's share is 75% of the costs of each well.
- II. If total estimated plugging costs of agreement range from \$10,000 to \$20,000: the agreement is contingent upon Governing Board approval, and the well owner's share is 75% of the costs of each well.

- III. If the total estimated plugging costs exceed \$20,000: the agreement is subject to Governing Board approval, and terms and conditions of a cooperative cost share agreement will be negotiated on a case-by-case basis.
- IV. Exception: Wells on property owned by a public utility, but not originally constructed by the utility, could be included in Case III.

**Case III wells on public sector/government property (not expressly used for utility purposes) or wells under cooperative cost share agreements with Federal, State, or local government agencies.**

- I. If total estimated plugging costs of the agreement are less than or equal to \$10,000: the agreement is contingent upon Executive Director approval, and the well owner's share is 50% of the costs of each well.
- II. If total estimated plugging costs of agreement range from \$10,000 to \$20,000: the agreement is contingent upon Governing Board approval, and the well owner's share is 50% of the costs of each well.
- III. If the total estimated plugging costs exceed \$20,000: the agreement is subject to Governing Board approval, and terms and conditions of a cooperative cost share agreement will be negotiated on a case-by-case basis.

WELL PLUGGING AGREEMENT  
BETWEEN  
THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT  
AND \_\_\_\_\_

THIS AGREEMENT is made and entered this \_\_\_\_\_ day of \_\_\_\_\_, 199\_\_,  
by and between \_\_\_\_\_ (here in after referred to as the "OWNER"),  
\_\_\_\_\_ and the ST. JOHNS RIVER WATER MANAGEMENT  
DISTRICT (here in after referred to as the "DISTRICT").

WITNESSETH:

WHEREAS, pursuant to Section 373.207, Florida Statutes, the Florida Legislature has directed the DISTRICT to locate all known abandoned artesian wells and insure that each is plugged in order to protect the public health, safety and welfare, and to extend the life of the state's ground water supply; and

WHEREAS, one or more abandoned artesian wells are located on the OWNER's property; and

WHEREAS, the OWNER and the DISTRICT desire to bring into compliance the abandoned artesian well(s) by using the DISTRICT's staff and equipment or the services of a qualified independent licensed water well contractor to plug the well(s).

NOW, THEREFORE, for and in consideration of the premises which are made a 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 OWNER and the DISTRICT, each intending to be legally bound, do hereby agree as follows:

1. The DISTRICT shall:
  - A. Plug or, at the DISTRICT's discretion, reconstruct the OWNER's well(s) located on the OWNER's property identified on Exhibit "A", attached hereto and by reference made a part hereof.
  - B. As necessary, contract with a licensed water well contractor to plug or reconstruct the well(s) located on the OWNER's property and administer the contract.

- C. Obligate monies to cover the difference between the OWNER's contribution and the total cost of plugging or reconstruction of the well(s). The DISTRICT's obligation per well shall be a minimum of 50 percent of the costs of all materials, site work and independent contractual services, or a maximum of the total cost less OWNER's cost share as stated in Paragraph 2C below.
  - D. Pay the licensed water well contractor for work performed.
  - E. Invoice the OWNER for the OWNER's share of plugging cost.
2. THE OWNER shall:
- A. Grant to the DISTRICT permission and authorization to plug the well(s) located on the OWNER's property, identified in Exhibit A, Well No. \_\_\_\_\_.
  - B. Grant to the DISTRICT ingress and egress to the well site(s) and the right to transport, place and remove construction equipment and vehicles to plug or reconstruct the well(s).
  - C. Provide monies to the DISTRICT to cover 50 percent of costs for all materials, site work and independent contractual services, in an amount not to exceed six hundred dollars (\$600.00). If OWNER fails to timely pay the DISTRICT the full cost share amount, the OWNER shall be responsible for the payment of the total cost of the work or contractual services.
  - D. Pay to the DISTRICT, within 30 days of receipt of invoice, the OWNER's cost-share as described in Paragraph 2C above.
3. TERM: This Agreement shall commence upon the date of full execution and shall terminate upon satisfactory completion of the well plugging or reconstruction and subsequent cost reimbursement by the OWNER. If well plugging or reconstruction have not been undertaken and no costs have accrued, this Agreement shall expire one year from the date of full execution.
4. OWNER DEFAULT: If the OWNER fails to reimburse the DISTRICT for its cost-share within thirty (30) days of receipt of the DISTRICT's invoice, the DISTRICT may commence a cause of action in a court of competent jurisdiction to seek total cost reimbursement for the well plugging or reconstruction, or may seek a lien against the property of the OWNER as authorized pursuant to Sections 373.209(3)(a) and 373.436(2), Florida Statutes. In either case, the OWNER shall pay all costs and attorneys' fees.

5. **RELEASE AND INDEMNIFICATION:** The OWNER, its heirs, assigns, representatives, or successors shall release, indemnify, defend and hold harmless the DISTRICT, its public officers, employees, agents, representatives, successors, assigns and insurers from any and all claims, demands, suits, actions, proceedings, loss, liabilities, costs, and damages of every kind and description, including any attorneys' fees or litigation expenses which may be brought or made against or incurred by the DISTRICT on account of loss of or damage to any property or for injury to or death of any person arising out of or contributed to, in whole or in part, by reasons of any alleged act, omission, fault, mistake, or negligence of the OWNER or arising out of or contributed to, in whole or in part, by reasons of any alleged act, omission, fault, mistake, or negligence of the DISTRICT, its public officers, employees, agents, representatives, successors, assigns and insurers in connection with, or incident to, the well plugging or reconstruction work to be performed or in any way connected with the implementation of this Agreement.
  
6. **CANCELLATION:** The DISTRICT may, with or without cause, terminate or cancel this Agreement within seven (7) calendar days after the OWNER's receipt of written notice of cancellation.

IN WITNESS WHEREOF, the OWNER and the DISTRICT have caused this Agreement to be executed by their respective representatives.

OWNER

ST. JOHNS RIVER WATER  
MANAGEMENT DISTRICT

BY: \_\_\_\_\_

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

DATE: \_\_\_\_\_

APPROVED BY THE OFFICE OF GENERAL COUNSEL

\_\_\_\_\_  
John W. Williams, Sr. Asst. General Counsel